21st century specifications for contemporary landscape plants

climbers-ferns-grasses-groundcover-perennials-shrubs

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### robin tacchi plants

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21st century specifications for contemporary landscape

Welcome to Spec21 version 2 revision 2 of Spec21 the guide – the 21<sup>st</sup> century specification for contemporary landscape plants.

Spec 21 the guide is a comprehensive list of commercially available proven landscape varieties which will create a dependable structure for a professional approach to sustainable landscapes. The aim is to offer a core palette that offers a practical, best value and reliable planting solution to the majority of designs challenges.

- Detailed data will ensure—accurate plant selection and specification for designers and specifiers.
- Contractors clear guidelines on quality of supply
- Planners precisely set out sizes and specifications for compliance
- Procurement and enforcement precise and clear data for cots comparison and compliance
- Students the most comprehensive, practical industry manual to commercial soft landscape plants

Spec21 the guide is uniquely a live data base of plants which will be regularly reviewed and updated. New plant sections and groups will be added as well as additions to varieties, and characteristics based feedback and requirements of Spec21 the guide subscribers.

Spec21 represents a quality standard for best value, efficient and sustainable landscape plantings. The essential tool for professional soft landscapes

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Greening the UK Campaign





### Planting for biodiversity

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A 21st century approach to plants for bio-veristy from a leading award winning nursery based in East Anglia

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### Plant selection

In association with

A green landscape has a great beneficial calming effect on the urban landscape and encourages an appreciation of plants and the benefits they bring to the environment. The r t p range for bio-diversity has been carefully selected for the additional elements they can offer. For example: **Shaded sections -** often neglected areas brought to life with plants for shade

Native and wildlife planting - creating natural habitats and food for wildlife and insects

Evergreen shrubs and groundcover plants - year round foliage and textures as well as winter shelter

Hedges, screens and barriers - nesting and wildlife habitats as well as creating secure areas

The immediate impact and maturity of a newly installed planting is dependant on the size of the plants. We would recommend a minimum of 2 or 3 litre containers to ensure a good rate of establishment but for

immediate impact 5 and 10 litres are more suitable. If there are budget constraints or site challenges, early dialogue with the grower can result in practical and effective solutions.

The r t p range of species suitable for bio-diversity and sustainable developments have been defined under the following categories to

**BRE Environmental & Sustainability Standard** 

Native - as defined by the Natural History Museum Postcode Plants Database

Bio-diversity - those plant species contributing to a local or UK Biodiversity Action Plan

**Excluded** as unsuitable

Potentially harmful species- we would advise caution with any species appearing on the RHS harmful to humans database.

What you will receive from robin tacchi plants: sustainably grown well rooted, robust, healthy plants. Pest, disease and weed free. All r t p plants have vine weevil protection, reduced peat compost and 12-14 months of slow release fertiliser to aid establishment and ensure successful plantings.

We welcome active involvement in planting projects in all sectors, particularly educational and community.

Environment - robin tacchi plants production is carried out strictly in accordance with our Company Environmental Policy and to BS8555

Environmental Management Standard and towards ISO 14001. All plants are to Spec21 specification.

**Substitutios:** Alternative plants, do, at times, have to be considered. The reasons can be realistic commercial availability, and horticultural concerns and the time of year of installation. We recommend entering into dialogue with the grower to get the best advice and expertise to



















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Sections included in your complimentary copy of Spec21 the guide revision 2

- L. climbers
- 2. ferns
- 3. grasses
- 4. groundcover
- 5. perennials
- 6. shrubs

#### **KEY POINTS**

**Growing season** – extends from March to September – some plants need the whole growing season to reach specification others, only part of it. To ensure your plants are grown for you the start material has to be sourced and the plants potted by mid June at the latest.

**Size** – whilst size does matter, it is not the primary attribute of a vigorous, strong, healthy landscape plant. The number of breaks that make up the structure of the plant will dictate the mature size and shape. Better to have a smaller bushy plant than a tall straggly one.

**Pot** – a mature plant will established and perform much more reliably that than a smaller immature and vulnerable plant. Landscape plants in pot sizes under 2L, unless for a specific environment, often turn out to be false economy are best left to mature in the nursery. Please contact robin tacchi plants for a sample pot pack of sizes from 9cm to 10L

**Palette** – the guide is not intended to restrict the design palette, the guide will provide the core planting structure with proven contemporary varities. We recommend entering into dialogue with the professional growers when specifying more unusual varieties.

For in – depth information on specifying landscape plants www.plantingthefuture on line training



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### technical data

| Specification, pot size and densities guide   | per variety | Υ | Spaced on growing beds - maximum plants per square metre                                 | Υ |
|---|-------------|---|--|---|
| Expert plant advise available   |             | Υ | Pruned and trimmed × 2 as a minimum according to variety requirements                    | Υ |
| Varieties trialed and selected for required performance                                     |             | Υ | Fully shaped with maximum breaks per variety - minumum breaks as per specification guide | Υ |
| Sustainable enivironmentally managed production methods                                     |             | Υ | Growing area well drained for optimum root for development                               | Υ |
| In-house propagation  | per variety |   | Exposed to full air movement increasing hardiness and toughness, decreasing deseases     | Υ |
| Starter material provenance   |             | Υ | Supplementary feed to boost growth as required   | Υ |
| Starter material fully structured and trimmed   |             | Υ | Weed free  | Υ |
| Pot size minmimum 2L  |             | Υ | Environmentally friendly P & D management  | Υ |
| Reduced peat compost up to 40% min 25-35%   | per variety |   | Incorporation of natural predator regime where possible                                  | Υ |
| Nutrient - Osmocote 12-14M controlled release fertiliser                                    |             | Υ | DEFRA & ADAS inspected   | Υ |
| Grey water irrigation max 30 mg I-I nitrate   |             | Υ | Empty pots retrieved from site to be re-used as per our terms and conditions             | Υ |
| 2 years ofVine weevil protection incoparated in compost                                     |             | Υ | Maintenance guidance   | Υ |
| Timed potting for delivery period (to ensure the plant is energetic and responsive on site) |             | Υ | Certification of authentic materials and growing methods                                 | Υ |
| Contract Grow' advance procurement  |             | Υ | Spec21 specfiation data applies to stock grown on r t p nurseries                        |   |
| Optimum plants per square metre growing area  |             | Υ | Key21 specifiation data covers traded stock from approved suppliers                      |   |

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### climbers

How a plant climbs is as important to its use. For example having adventious roots as in Parthenocissus and Hedera means they are self clinging and no support is necessary whilst Trachelospermum, Clematis and Lonicera develop by twining through supports. Although hardiness, best soil type and speed of growth apply to climbers as much as any other plant the aspect must be considered and there are climbers for all aspects, north, south east or west. It is important to have clear specifications for climbing plants, particularly where there is a 'cross-over' of plant uses such as Hedera suitable for both climbers and groundcover. The grower needs to know from the outset if a climber is required and whether it is a simple caned climber or a more complex framed and trained plant. The relationship between the pot size and the required plant height is important. Standard canes are 90cm, 1.2m, 1.5m and 1.8m. Frames are usually 1.2m to 1.5m.

Badly specified and poor quality shrub material results in higher losses and a significant increase in the time and cost achieving a mature planting. If there are budget constraints, we recommend contact with the grower for practical and effect solutions.

AGM denotes the Royal Horticultural Society's 'Award of Garden Merit' Potentially harmful: refers to harmful to humans further information from RHS

#### climbers for walls

Picking the right climbing plant for a wall, whether to emphasise some key architectural highlight or to enhance an otherwise uninspiring building.

Growing conditions next to the wall can be very different; the soil may not be quite the same as elsewhere and it is often drier due to rain shadow. The micro-clime effect can sometimes make the site warm and sheltered enough to allow use of the real "stars" of the climbing plants - including Passiflora and Trachelospermum.

What to look for: fresh foliage (in season) well furnished from the base and with good occupation of the frame or cane. Pest, disease and weed free plants with vine weevil control incorporated in the compost. 12-14 months controlled release fertiliser to aid establishment and ensure the plant has the best possible start.

Substitutions: . Alternative plants, do, at times, have to be considered. The reasons can be realistic commercial availabil-

ity, horticultural and

quality

concerns and the time of year of installation. We recommend entering into dialogue with the grower to get the best advice and expertise to meet your design aspirations and delivery

requirements.

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| climbers  | Spec21 size -<br>cm | Spec21 pot size - Litre | Spec21 Specification - breaks(branches) should be in the lower third. Either frame or cane must be specified - Frames are normally 120 by 60 cm | Frost hardy/ fully hardy | Mature size - metres | Growth rate | Flowers- month | Flower colour                           | Autumn colour | Native | Bio diversiy | Aspect | Soil preference | Sun/semi shade/full shade<br>preference | Very dry conditions  | Very wet conditions | Exposed site Coastal conditions | Potentially harmful |
|---|---------------------|-------------------------|---|--------------------------|----------------------|-------------|----------------|---|---------------|--------|--------------|--------|-----------------|---|----------------------|---------------------|---------------------------------|---------------------|
| Akebia quinata  | 60-80               | 3L                      | Min. 3 main breaks several shoots - caned   | frost                    | 7-8                  | Fast        | 4-5            | maroon                                  |               |        | Bio          | S&W    | М               | 01                                      |                      |                     |                                 |                     |
| Akebia quinata  | 120-150             | I OL                    | Min. 4 main breaks several shoots - frame or cane   | frost                    | 7-8                  | Fast        | 4-5            | maroon                                  |               |        | Bio          | S&W    | М               | 01                                      |                      |                     |                                 |                     |
| Campsis varieties                                     | 60-80               | 3L                      | Min. 3 main breaks several shoots - caned   | frost                    | 6-7                  | Medium      | 8-10           | yellow-pearl                            |               |        | Bio          | S&W    | М               | 0                                       | on the second second |                     |                                 |                     |
| Campsis varieties                                     | 120+                | IOL                     | Min. 4 main breaks several shoots - frame or cane   | frost                    | 6-7                  | Medium      | 8-10           | yellow-pearl                            |               |        | Bio          | S&W    | М               | 0                                       |                      |                     |                                 |                     |
| Clematis varities - height will depend on varieties a | nd time of yea      | ır of su                | pply due to pruning regime.   |                          |                      |             |                | *************************************** |               |        |              |        |                 |   |                      |                     |                                 |                     |
| Clematis varieties (details dependant on variety)     | 60-80               | 3L                      | Min. 3 main breaks several shoots - caned   | fully                    | 2-10                 | Med/Fast    |                |   |               |        | Bio          |        | М               | 010                                     |                      |                     |                                 |                     |
| Clematis varieties (details dependant on variety)     | 120-150             | I OL                    | Min. 4 main breaks several shoots - frame or cane   | fully                    | 2-10                 | Med/Fast    |                |   |               |        | Bio          |        | М               | 010                                     | ,                    |                     |                                 |                     |
| Hedera algeriensis 'Gloire de Marengo'                | 60-80               | 3L                      | Min. 3 main breaks several shoots - caned E   | fully                    | 3+                   |             |                |   |               |        | Bio          | ALL    | М               | 010                                     | ,                    |                     |                                 | 1                   |
| Hedera algeriensis 'Gloire de Marengo'                | 100-150             | I OL                    | Min. 4 main breaks several shoots - frame or cane E   | fully                    | 3+                   |             |                |   |               |        | Bio          | ALL    | М               | 010                                     | ,                    |                     |                                 | 1                   |
| Hedera algeriensis 'Ravensholst'                      | 60-80               | 3L                      | Min. 3 main breaks several shoots - caned E   | fully                    | 3+                   | Fast        |                |   |               |        | Bio          | ALL    | М               | 010                                     |                      |                     |                                 | 1                   |
| Hedera algeriensis 'Ravensholst'                      | 120-150             | I OL                    | Min. 3 main breaks several shoots - frame or cane E   | fully                    | 3+                   | Fast        |                |   |               |        | Bio          | ALL    | М               | 010                                     | ,                    |                     |                                 | 1                   |
| Hedera colchica 'Denata Variegata'                    | 60-80               | 3L                      | Several shoots, caned E   | fully                    | 3+                   |             |                |   |               |        | Bio          | ALL    | М               | 010                                     | ,                    |                     |                                 | 1                   |
| Hedera colchica 'Denata Variegata'                    | 80-100              | 5L                      | Several shoots, frame or cane   | fully                    | 3+                   |             |                |   |               |        | Bio          | ALL    | М               | 010                                     | ,                    |                     |                                 | 1                   |
| Hedera colchica 'Sulphur Heart'                       | 60-80               | 3L                      | Several shoots, caned E   | fully                    | 3+                   |             |                |   |               |        | Bio          | ALL    | М               | 010                                     |                      |                     |                                 | 1                   |
| Hedera colchica 'Sulphur Heart'                       | 100-120             | I O L                   | Several shoots, frame or cane E   | fully                    | 3+                   |             |                |   |               |        | Bio          | ALL    | М               | 010                                     |                      |                     |                                 | I                   |
| Hedera helix 'Gold Child'                             | 60-80               | 3L                      | Several shoots, caned E   | fully                    | 3+                   |             |                |   |               |        | Bio          | ALL    | М               | 010                                     | ,                    |                     |                                 | 1                   |
| Hedera helix 'Green Ripple'                           | 60-80               | 3L                      | Several shoots, caned E   | fully                    | 3+                   |             |                |   |               |        | Bio          | ALL    | М               | 010                                     | ,                    |                     |                                 | 1                   |
| Hedera helix 'Sagittifolia'                           | 60-80               | 3L                      | Several shoots, caned E   | fully                    | 3+                   |             |                |   |               |        | Bio          | ALL    | М               | 010                                     | ,                    |                     |                                 | 1                   |
| Hydrangea anomola petiolaris                          | 40-60               | 3L                      | Min. 3 main breaks several shoots - caned   | fully                    | 3-4                  | Slow        | 6-7            | white                                   |               |        | Bio          | N&W&E  | М               | (0                                      | •                    |                     |                                 |                     |
| Hydrangea anomola petiolaris                          | 90-120              | I OL                    | Min. 3 main breaks several shoots - frame or cane   | fully                    | 3-4                  | Slow        | 6-7            | white                                   |               |        | Bio          | N&W&E  | М               | (•                                      | •                    |                     |                                 |                     |
| Hydrangea anomola petiolaris                          | 100-125             | 15L                     | Min. 3 main breaks several shoots - frame or cane   | fully                    | 3-4                  | Slow        | 6-7            | white                                   |               |        | Bio          | N&W&E  | М               | (•                                      | •                    |                     |                                 |                     |
| Jasminum nudiflorum                                   | 40-60               | 3L                      | Min. 3 main breaks several shoots - caned SE  | fully                    | 4                    | Medium      | 11-3           | yellow                                  |               |        | Bio          | S&W&N  | М               | 010                                     |                      |                     |                                 |                     |
| Jasminum nudiflorum                                   | 80-100              | IOL                     | Min. 3 main breaks several shoots - frame or cane SE  | fully                    | 4                    | Medium      | 11-3           | yellow                                  |               |        | Bio          | S&W&N  | М               | 010                                     |                      |                     |                                 |                     |

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robin tacchiplants t:0195368131 KEY Soil preference: ALK/CH = Alkaline (Chalky) AC = Acid M = Most types Hardiness: frost = to -8C fully = to -15C +

Design layers (mature height): GC = 20-30cm 1st = 30-60cm 2nd = 60-90cm 3rd = 90-150cm 4th = 150cm + F = Feature plant

Extremes: Particualr varieties will tolerate certain extreme conditions where indicated once established on site Native: as defined by Natural History Museum Bio diversity: provides natural habit/food for insects and birdlife



| climbers                               | Spec2I size -<br>cm | Spec21 pot size - Litre | Spec21 Specification - breaks(branches) should be in the lower third. Either frame or cane must be specified - Frames are normally 120 by 60 cm | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature size - metres | Growth<br>rate | Flowers- month | Flower colour | Autumn colour | Native | Bio diversiy | Aspect | Soil preference | Sun/semi shade/full shade<br>preference | Very dry conditions | Very wet conditions | Exposed site | Coastal conditions Potentially harmful |
|--|---------------------|-------------------------|---|------------------------------------|--------------------------|----------------------|----------------|----------------|---------------|---------------|--------|--------------|--------|-----------------|---|---------------------|---------------------|--------------|--|
| Jasminum officinale                    | 60-80               | 3L                      | Min. 3 main breaks several shoots - caned   |                                    | fully                    | 4                    | Fast           | 6-9            | white         |               |        | Bio          | S&W    | М               | 01                                      |                     |                     |              |  |
| Jasminum officinale                    | 100-120             | IOL                     | Min. 3 main breaks several shoots - frame or cane   |                                    | fully                    | 4                    | Fast           | 6-9            | white         |               |        | Bio          | S&W    | М               | 01                                      |                     |                     |              |  |
| Lonicera japonica 'Halliana'           | 60-80               | 2L                      | Min. 3 main breaks several shoots - caned   | SE                                 | fully                    | 4                    | Fast           | 6-10           | white         |               |        | Bio          | ALL    | М               | 010                                     |                     |                     |              | I                                      |
| Lonicera japonica 'Halliana'           | 90-120              | IOL                     | Min. 3 main breaks several shoots - frame or cane   | SE                                 | fully                    | 4                    | Fast           | 6-10           | white         |               |        | Bio          | ALL    | М               | 010                                     |                     |                     |              | 1                                      |
| Lonicera periclymenum 'Belgica'        | 60-80               | 2L                      | Min. 3 main breaks several shoots - caned   |                                    | fully                    | 4                    | Medium         | 5-6            | rose          |               | Nat    | Bio          | ALL    | М               | 0                                       |                     |                     |              | I                                      |
| Lonicera periclymenum 'Belgica'        | 90-120              | IOL                     | Min. 3 main breaks several shoots - frame or cane   |                                    | fully                    | 4                    | Medium         | 5-6            | rose          |               | Nat    | Bio          | ALL    | М               | 01                                      |                     |                     |              | 1                                      |
| Lonicera periclymenum 'Graham Thomas'  | 60-80               | 2L                      | Min. 3 main breaks several shoots - caned   |                                    | fully                    | 4                    | Medium         | 6-8            | cream         |               |        | Bio          | S&W&E  | М               | 0                                       |                     |                     |              | 1                                      |
| Lonicera periclymenum 'Graham Thomas'  | 90-120              | IOL                     | Min. 3 main breaks several shoots - frame or cane   |                                    | fully                    | 4                    | Medium         | 6-8            | cream         |               |        | Bio          | S&W&E  | М               | 0                                       |                     |                     |              | I                                      |
| Lonicera periclymenum 'Serotina'       | 60-80               | 2L                      | Min. 3 main breaks several shoots - caned   |                                    | fully                    | 4                    | Medium         | 7-9            | rose          |               |        | Bio          | S&W&E  | М               | 01                                      |                     |                     |              | 1                                      |
| Lonicera periclymenum 'Serotina'       | 100-120             | IOL                     | Min. 3 main breaks several shoots - frame or cane   |                                    | fully                    | 4                    | Medium         | 7-9            | rose          |               |        | Bio          | S&W&E  | М               | 01                                      |                     |                     |              |  |
| Parthenocissus henryana                | 60-80               | 3L                      | Min. 3 main breaks several shoots - caned   |                                    | fully                    | 5                    | Fast           |                |               | ✓             |        | Bio          | N&W&E  | М               | 10                                      |                     |                     |              |  |
| Parthenocissus henryana                | 100-150             | IOL                     | Min. 3 main breaks several shoots - frame or cane   |                                    | fully                    | 5                    | Fast           |                |               | ✓             |        | Bio          | N&W&E  | М               | 10                                      |                     |                     |              |  |
| Parthenocissus quinquefolia            | 40-60               | 3L                      | Min. 3 main breaks several shoots - caned   |                                    | fully                    | 7                    | Fast           |                |               | ✓             |        | Bio          | ALL    | М               | 010                                     |                     |                     |              |  |
| Parthenocissus quinquefolia            | 90-120+             | IOL                     | Min. 3 main breaks several shoots - frame or cane   |                                    | fully                    | 7                    | Fast           |                |               | ✓             |        | Bio          | ALL    | М               | 010                                     |                     |                     |              |  |
| Parthenocissus tricuspidata 'Veitchii' | 60-80               | 3L                      | Min. 3 main breaks several shoots - caned   |                                    | fully                    | 7                    | Fast           |                |               | ✓             |        | Bio          | ALL    | М               | 010                                     |                     |                     |              |  |
| Parthenocissus tricuspidata 'Veitchii' | 100-150             | IOL                     | Min. 3 main breaks several shoots - frame or cane   |                                    | fully                    | 7                    | Fast           |                |               | ✓             |        | Bio          | ALL    | М               | 010                                     |                     |                     |              |  |
| Passiflora caerulea                    | 60-80               | 3L                      | Min. 3 main breaks several shoots - caned   |                                    | frost                    | 4                    | Medium         | 6-9            | white/purple  |               |        | Bio          | S&W    | М               | 0                                       |                     |                     |              |  |
| Passiflora caerulea                    | 90-120              | IOL                     | Min. 3 main breaks several shoots - frame or cane   |                                    | frost                    | 4                    | Medium         | 6-9            | white/purple  |               |        | Bio          | S&W    | М               | 0                                       |                     |                     |              |  |
| Solanum crispin 'Glasnevin'            | 60-80               | 3L                      | Min. 3 main breaks several shoots - caned   |                                    | frost                    | 4                    | Medium         | 7-10           | blue          |               |        | Bio          | S&W    | М               | 0                                       |                     |                     |              |  |
| Solanum crispin 'Glasnevin'            | 100-150             | I OL                    | Min. 3 main breaks several shoots - frame or cane   |                                    | frost                    | 4                    | Medium         | 7-10           | blue          |               |        | Bio          | S&W    | М               | 0                                       |                     |                     |              |  |
| Trachelospernum jasminoides            | 60-80               | 3L                      | Min. 3 main breaks several shoots - caned   | Е                                  | frost                    | 2                    | Medium         | 7-8            | white         |               |        | Bio          | S&W    | М               | 01                                      |                     |                     |              |  |
| Trachelospernum jasminoides            | 90-120              | IOL                     | Min. 3 main breaks several shoots - frame or cane   | Е                                  | frost                    | 2                    | Medium         | 7-8            | white         |               |        | Bio          | S&W    | М               | 01                                      |                     |                     |              |  |
| Wisteria sinensis varieties            | 60-80               | 3L                      | Min. 3 main breaks several shoots - caned   |                                    | fully                    | 6+                   | Fast           | 5 on           | mauve/white   |               |        | Bio          | S&W    | М               | 0                                       |                     |                     |              | 1                                      |
| Wisteria sinensis varieties            | 120-150             | IOL                     | Min. 3 main breaks several shoots - frame or cane   |                                    | fully                    | 6+                   | Fast           | 5 on           | mauve/white   |               |        | Bio          | S&W    | М               | 0                                       |                     |                     |              | 1                                      |

Soil preference: ALK/CH = Alkaline (Chalky) AC= Acid M = Most types Hardiness: frost = to -8C fully = to -15C +

**Design layers** (mature height): GC = 20-30cm 1st = 30-60cm 2nd = 60-90cm 3rd = 90-150cm 4th = 150cm + **Extremes**: Particualr varieties will tolerate certain extreme conditions where indicated once established on site

Extremes: Particual varieties will tolerate certain extreme conditions where indicated once established on site Native: as defined by Natural History Museum Bio diversity: provides natural habit/food for insects and birdlife



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### ferns

When we think of ferns we think of moist wooded settings. While there are many ferns for the shades from moist areas, to drier hillsides, many ferns can withstand full sun if sufficient moisture is available.. The best specification for ferns is a 2 litre pot, or for a specimen size 5 litre pots.

This because, whilst the root system needs to be able to develop into a dense healthy crown, too much pot space can result in water logging and rotting. Ferns in smaller pots are best left in the care of growers to more mature (unless specifically required for a specialist project). If a larger specimen ferns are required in a 5 litre pot, they should be pre-ordered with the grower to ensure availability.

If there are budget constraints, we recommend contact with the grower for practical and effect solutions.

Ferns should be mulched with care to ensure the crown is not buried too deep.

**AGM** denotes the Royal Horticultural Society's 'Award of Garden Merit' **Potentially harmful:** refers to harmful to humans further information from RHS

Incorporating hardy ferns into designs 11 reasons why

- I. variety of frond shapes, colours and textures
- 2. lush fresh green foliage
- 3. mass planting
- 4. individual feature planting
- 5. low maintenance
- 6. adaptability to many soil types
- 7. adaptability to many conditions
- 8. can give a naturalistic planting effect
- beautiful woodland understory
- native varieties

What to look for: Full pot, and an established crown. A healthy central crown, moist but not wet compost. Pest, disease and weed free plants with vine weevil control incorporated in the compost. 12-14 months of slow release fertiliser to aid establishment and ensure the plant has the best possible start.



**Substitutions:** Alternative plants, do, at times, have to be considered. The reasons might be realistic commercial availability, horticultural and quality concerns and the time of year of installation. We recommend

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| ferns most ferns prefer moist lime free soil    | Spec2I<br>size - cm | Spec2l pot size - Litre | Spec21 Specification -<br>breaks(branches) should be in the<br>lower third | Suggested planting density per square metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Common namne           | Native/ Bio diversiy | Design layer | Soil preference | Sun/semi shade/full shade<br>preference | Very dry conditions | Very wet conditions | Exposed site Coastal conditions | Potentially harmful |
|---|---------------------|-------------------------|--|---|------------------------------------|--------------------------|----------------------------|-------------|------------------------|----------------------|--------------|-----------------|---|---------------------|---------------------|---------------------------------|---------------------|
| Asplenium scolopendrium - see Phyllitis scolper | ndrium              |                         |  |   |                                    |                          |                            |             | Hart's Tongue Fern     | Native               |              |                 |   |                     |                     |                                 |                     |
| Blechnum spicant AGM                            |                     | 2L                      | Full pot, fully rooted, healthy clump                                      | 6-7   | Е                                  | fully                    | 0.5                        | Medium      | Hard Fern              |                      | lst          | AC              | 10                                      | Dry                 |                     |                                 |                     |
| Blechnum spicant AGM                            |                     | 5L                      | Full pot, fully rooted, healthy clump                                      | 3-4   | Е                                  | fully                    | 0.5                        | Medium      | Hard Fern              |                      | lst          | AC              | 10                                      | Dry                 |                     |                                 |                     |
| Dryopteris afinis                               |                     | 2L                      | Full pot, fully rooted, healthy clump                                      | 5-6   | SE                                 | fully                    | I                          | Slow        | Wood Fern/Buckler Fern | Native               | 2nd          | Most            | 10                                      |                     |                     |                                 |                     |
| Dryopteris afinis                               |                     | 5L                      | Full pot, fully rooted, healthy clump                                      | 3-4   | SE                                 | fully                    | ı                          | Slow        | Wood Fern/Buckler Fern | Native               | 2nd          | Most            | 10                                      |                     |                     |                                 |                     |
| Dryopteris filix-mas AGM                        |                     | 2L                      | Full pot, fully rooted, healthy clump                                      | 5-6   |                                    | fully                    | ı                          | Medium      | Wood Fern/Male Fern    | Native               | 2nd          | Most            | 10                                      | Dry                 |                     |                                 |                     |
| Dryopteris filix-mas AGM                        |                     | 5L                      | Full pot, fully rooted, healthy clump                                      | 3-4   |                                    | fully                    | ı                          | Medium      | Wood Fern/Male Fern    | Native               | 2nd          | Most            | 10                                      | Dry                 |                     |                                 |                     |
| Dryopteris wallichiana                          |                     | 2L                      | Full pot, fully rooted, healthy clump                                      | 5-6   | SE                                 | frost                    | 0.9+                       | Medium      | Wallick's Wood Fern    |                      | 2nd          | Most            | 10                                      |                     |                     |                                 |                     |
| Dryopteris wallichiana                          |                     | 5L                      | Full pot, fully rooted, healthy clump                                      | 3-4   | SE                                 | frost                    | 0.9+                       | Medium      | Wallick's Wood Fern    |                      | 2nd          | Most            | 10                                      |                     |                     |                                 |                     |
| Matteuccia struthiopteris AGM                   |                     | 2L                      | Full pot, fully rooted, healthy clump                                      | 5-6   |                                    | fully                    | I+                         | Medium      | Ostrich Fern           |                      | Ist-2nd      | N - AC          | 10                                      |                     | Wet                 |                                 |                     |
| Matteuccia struthiopteris AGM                   |                     | 5L                      | Full pot, fully rooted, healthy clump                                      | 3-4   |                                    | fully                    | l+                         | Medium      | Ostrich Fern           |                      | Ist-2nd      | N - AC          | 10                                      |                     | Wet                 |                                 |                     |
| Osmunda regalis AGM                             |                     | 2L                      | Full pot, fully rooted, healthy clump                                      | 5-6   |                                    | fully                    | l+                         | Medium      | Royal Fern             |                      | 2nd-3rd      | AC              | 0                                       |                     | Wet                 |                                 |                     |
| Osmunda regalis AGM                             |                     | 5L                      | Full pot, fully rooted, healthy clump                                      | 3-4   |                                    | fully                    | l+                         | Medium      | Royal Fern             |                      | 2nd-3rd      | AC              | 0                                       |                     | Wet                 |                                 |                     |
| Phyllitis scolopendrium                         |                     | 2L                      | Full pot, fully rooted, healthy clump                                      | 6-7   | Е                                  | fully                    | 0.5 to 0.7                 | Medium      | Hart's Tongue Fern     | Native               | Ist-2nd      | Well drained    | 10                                      | Dry                 |                     |                                 |                     |
| Phyllitis scolopendrium                         |                     | 5L                      | Full pot, fully rooted, healthy clump                                      | 3-4   | Е                                  | fully                    | 0.5 to 0.7                 | Medium      | Hart's Tongue Fern     | Native               | Ist-2nd      | Well drained    | 10                                      | Dry                 |                     |                                 |                     |
| Polystichum polyblepharum                       |                     | 2L                      | Full pot, fully rooted, healthy clump                                      | 5-6   | E                                  | fully                    | 0.5+                       | Slow        | Tassel or Brittle Fern |                      | Ist-2nd      | Most            | 10                                      |                     |                     |                                 |                     |
| Polystichum polyblepharum                       |                     | 5L                      | Full pot, fully rooted, healthy clump                                      | 3-4   | Е                                  | fully                    | 0.5+                       | Slow        | Tassel or Brittle Fern |                      | Ist-2nd      | Most            | 10                                      |                     |                     |                                 |                     |
| Polystichum setiferum AGM                       |                     | 2L                      | Full pot, fully rooted, healthy clump                                      | 5-6   | Е                                  | fully                    | 0.6+                       | Medium      | Soft Shield Fern       | Native               | Ist-2nd      | Most            | 10                                      | Dry                 |                     |                                 |                     |
| Polystichum setiferum AGM                       |                     | 5L                      | Full pot, fully rooted, healthy clump                                      | 3-4   | Е                                  | fully                    | 0.6+                       | Medium      | Soft Shield Fern       | Native               | Ist-2nd      | Most            | 10                                      | Dry                 |                     |                                 |                     |
| Polystichum setiferum 'Herrenhausen'            |                     | 2L                      | Full pot, fully rooted, healthy clump                                      | 5-6   | Е                                  | fully                    | 0.5                        | Medium      | Soft Shield Fern       |                      | Ist-2nd      | Most            | 10                                      |                     |                     |                                 |                     |
| Polystichum setiferum 'Herrenhausen'            |                     | 5L                      | Full pot, fully rooted, healthy clump                                      | 3-4   | Е                                  | fully                    | 0.5                        | Medium      | Soft Shield Fern       |                      | Ist-2nd      | Most            | 10                                      |                     |                     |                                 |                     |
| Polystichum setiferum 'Plumosa-densum'          |                     | 2L                      | Full pot, fully rooted, healthy clump                                      | 6-7   | Е                                  | fully                    | 0.25                       | Medium      | Soft Shield Fern       |                      | GC-1st       | Most            | •                                       |                     |                     |                                 |                     |
| Polystichum setiferum 'Plumosa-densum'          |                     | 5L                      | Full pot, fully rooted, healthy clump                                      | 3-4   | Е                                  | fully                    | 0.25                       | Medium      | Soft Shield Fern       |                      | GC-1st       | Most            | •                                       |                     |                     |                                 |                     |
| Polystichum setiferum 'Proliferum'              |                     | 2L                      | Full pot, fully rooted, healthy clump                                      | 5-6   | Е                                  | fully                    | 0.5                        | Medium      | Soft Shield Fern       |                      | Ist-2nd      | Most            | •                                       |                     |                     |                                 |                     |
| Polystichum setiferum 'Proliferum'              |                     | 5L                      | Full pot, fully rooted, healthy clump                                      | 3-4   | Е                                  | fully                    | 0.5                        | Medium      | Soft Shield Fern       |                      | lst-2nd      | Most            | •                                       |                     |                     |                                 |                     |
| Polypodium vulgare                              |                     | 2L                      | Full pot, fully rooted, healthy clump                                      | 6-7   | Е                                  | fully                    | 0.25                       | Medium      | Common Polypody        | Native               | GC-1st       | Most            | 0                                       |                     |                     |                                 |                     |
| Polypodium vulgare                              |                     | 5L                      | Full pot, fully rooted, healthy clump                                      | 3-4   | Е                                  | fully                    | 0.25                       | Medium      | Common Polypody        | Native               | GC-1st       | Most            | 0                                       |                     |                     |                                 |                     |

KEY

Soil preference: ALK/CH = Alkaline (Chalky) AC= Acid Most - Most types Hardiness: frost = to -8C fully = to -15C + Design layers (mature height): G C= 20-30cm 1st = 30-60cm 2nd = 60-90cm 3rd = 90-150cm 4th = 150cm +

Extremes: Particualr varieties will tolerate certain extreme conditions where indicated once established on site

Native: as defined by Natural History Museum

Bio diversity: provides natural habit/food for insects and birdlife



21st century specifications for contemporary landscape plants



www.specguides.org

#### grasses

Ornamental grasses are categorised as:

'Cool season' - plants for a good spring effect— e.g Millium, Festuca and Carex pendula

'Warm season' - these come into growth later and are at their peak towards autumn-e.g.

Miscanthus, Panicum and Pennisetum

The three defined groups are:

'Grasses' - stems are round and hollow. The leaves spring from the base and on stems.

'Sedges'-stems are solid and in four sections. The leaves spring from the base and on stems are

'Rushes'—stems are flat and cylindrical. The leaves arrive from the base.

Ornamental grasses are increasingly being used in design schemes although they are still an under used group that can bring many exceptional qualities to the design. Their colour, flower plumes and graceful movement can transform a static planting and flower heads may offer winter interest. There are grasses for all situations and soil types.

The choice of 2 or 3 litre container depends on the horticultural requirements of each variety. Some benefit from the extra peat content and space in a 3 litre pot whilst others thrive in the smaller 2 litre, forming tight dense root clumps ready for planting out, It is advisable to allow at least a further growing season for 5 litre plants and large quantities should be ordered in advance. If there are budget constraints, we recommend contact with the grower for practical and effect solutions.

**AGM** denotes the Royal Horticultural Society's 'Award of Garden Merit'

**Potentially harmful:** refers to harmful to humans further information from RHS

Incorporating ornamental grasses into designs - reasons why

- low maintenance
- 2. largely unaffected by disease and pests
- 3. variety of size and form
- speed of growth and vigour
- useful in a wide range of soil types 5.
- 6. wide range of design uses
- 7. add movement to plantings
- many provide winter interest
- 9. can provide quick effective screening
- 10. mix well with perennials
- H. many varieties are drought tolerant, once established
- provides a habitat and seed for birds and other wildlife
- 13. many have an upright form with a narrower width than most shrubs
- improve soil condition and fertility;
- 15. Use to hide dying foliage or blooms of earlier blooming perennials
- 16. can be used as transition plants between landscaped and natural areas

What to look for: dense healthy clump Pest, disease and weed free plants with vine weevil control incorporated in the compost. 12-14 months of slow release fertiliser to aid establishment and ensure the plant has the best

Substitutions: . Alternative plants, do, at times, have to be considered. The reasons can be realistic commercial availability, horticultural and quality concerns and the time of year of installation. We recommend

www.plantingthefuture.co.uk

plantingthefuture

entering into dialogue with the grower to get the best advice and expertise to meet your design aspirations and delivery requirements.

robin tacchi plants

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a: fen farm, garboldisham, diss, norfolk ip22 2rl

Whilst every effort has been made to ensure the information is accurate—please contact us with comments and suggestions for the inclusion in the next revision

| grasses   | Spec21 pot size - Litre | Spec21 Specification - please note 5L stock usually requires one season lead in for availability | Suggested planting density per square metre | E- evergreen SE. semi-evergeen | Frost hardy/ fully hardy | Mature size in flower - metres | Growth rate | Looking at their best - month | Flowers- month | Native | Bio diversiy | Design<br>layer | Effective for mass planting | Soil preference | Moist - M Well Drained - WD | Sun/semi shade/full shade<br>preference | Very dry conditions | Very wet conditions | Exposed site | Coastal conditions Potentially harmful (RHS) |
|---|-------------------------|--|---|--------------------------------|--------------------------|--------------------------------|-------------|-------------------------------|----------------|--------|--------------|-----------------|-----------------------------|-----------------|-----------------------------|---|---------------------|---------------------|--------------|--|
| Anementhele lessoniana (Stipa arundinacea)        | 2L                      | Full pot, fully rooted pot system, min 5 canes   | 5-6   | SE                             | fully                    | 0.8                            | Medium      | 4 to 12                       | 8 to 10        |        | - 1          | lst - 2nd       | ✓                           | М               | M WD                        | 01                                      |                     |                     |              |  |
| Anementhele lessoniana (Stipa arundinacea)        | 5L                      | Full pot, fully rooted pot system, min 9 canes   | 4   | SE                             | fully                    | 0.8                            | Medium      | 4 to 12                       | 8 to 10        |        |              | lst - 2nd       | ✓                           | М               | M WD                        | 0                                       |                     |                     |              |  |
| Calamagrostis x acutiflora 'Karl Foerster'        | 2L                      | Full pot, fully rooted pot system, healthy clump   | 3-4   |                                | fully                    | 1.2                            | Fast        | 7 to 9                        | 7 to 9         |        |              | Ist - 3rd       | ✓                           | М               |                             | 0                                       |                     |                     |              |  |
| Calamagrostis x acutiflora 'Karl Foerster'        | 5L                      | Full pot, fully rooted pot system, healthy clump   | 2   |                                | fully                    | 1.2                            | Fast        | 7 to 9                        | 7 to 9         |        |              | Ist - 3rd       | ✓                           | М               |                             | 0                                       |                     |                     |              |  |
| Carex flagellifera 'Milk Chocolate'               | 2L                      | Full pot, fully rooted pot system, healthy clump   | 4-5   | E                              | frost-full               | 0.5                            | Medium      | 5 to 12                       | 7 to 9         |        |              | lst             | ✓                           | М               |                             | 0                                       |                     |                     |              |  |
| Carex flagellifera 'Milk Chocolate'               | 5L                      | Full pot, fully rooted pot system, healthy clump   | 3   | E                              | frost-full               | 0.5                            | Medium      | 5 to 12                       | 7 to 9         |        |              | lst             | ✓                           | М               |                             | 0                                       |                     |                     |              |  |
| Carex morrowii 'Fisher's Form'                    | 2L                      | Full pot, fully rooted pot system, healthy clump   | 5-6   | E                              | fully                    | 0.3 -0.5                       | Medium      | 5 to 10                       | 4 to 5         |        | (            | GC - Ist        | ✓                           | М               | М                           | 010                                     |                     | W                   |              |  |
| Carex morrowii 'Fisher's Form'                    | 5L                      | Full pot, fully rooted pot system, healthy clump   | 3   | E                              | fully                    | 0.3 -0.5                       | Medium      | 5 to 10                       | 4 to 5         |        |              | GC - Ist        | ✓                           | М               | М                           | 010                                     |                     | W                   |              |  |
| Carex muskingumensis                              | 2L                      | Full pot, fully rooted pot system, healthy clump   | 4-5   | SE                             | fully                    | 0.6                            | Med-slow    | 4 to 10                       | 6 to 8         | Nat    |              | lst - 2nd       | ✓                           | М               | М                           | 0                                       |                     | W                   |              |  |
| Carex oshimensis 'Evergold'                       | 2L                      | Full pot, fully rooted pot system, healthy clump   | 5-7   | E                              | fully                    | .25                            | Medium      | 5 to 11                       | 5 to 6         |        |              | GC              | ✓                           | М               | WD                          | 0                                       |                     | W                   |              |  |
| Carex oshimensis 'Evergold'                       | 5L                      | Full pot, fully rooted pot system, healthy clump   | 3-4   | E                              | fully                    | .25                            | Medium      | 5 to 11                       | 5 to 6         |        |              | GC              | ✓                           | М               | WD                          | 0                                       |                     |                     |              |  |
| Carex pendula                                     | 2L                      | Full pot, fully rooted pot system, healthy clump   | 5-7   | E                              | fully                    | 1.2                            | Fast        | 5 to 7                        | 5 to 7         |        | 2            | 2nd - 3rd       |                             | М               | М                           | 010                                     |                     | W                   |              |  |
| Carex pendula                                     | 3L                      | Full pot, fully rooted pot system, healthy clump   | 4   | E                              | fully                    | 1.2                            | Fast        | 5 to 7                        | 5 to 7         |        | 2            | 2nd - 3rd       |                             | М               | М                           | 010                                     |                     | W                   |              |  |
| Carex pendula                                     | 5L                      | Full pot, fully rooted pot system, healthy clump   | 3   | E                              | fully                    | 1.2                            | Fast        | 5 to 7                        | 5 to 7         |        | 2            | 2nd - 3rd       |                             | М               | М                           | 010                                     |                     | W                   |              |  |
| Carex testacea                                    | 2L                      | Full pot, fully rooted pot system, healthy clump   | 4-5   | E                              | fully                    | 0.4                            | Medium      | 5 to I                        | 6 to 7         |        | (            | GC - Ist        | ✓                           | М               | М                           | 0                                       |                     |                     |              |  |
| Carex testacea                                    | 5L                      | Full pot, fully rooted pot system, healthy clump   | 3   | E                              | fully                    | 0.4                            | Medium      | 5 to I                        | 6 to 7         |        | (            | GC - Ist        | ✓                           | М               | М                           | 0                                       |                     |                     |              |  |
| Deschampsia ces. 'Bronzeschleier'                 | 2L                      | Full pot, fully rooted pot system, healthy clump   | 4-5   | E                              | fully                    | 1.2                            | Medium      | 5 to 8                        | 5 to 8         | Nat    |              | 3rd             | ✓                           | М               | М                           | 0                                       |                     |                     | E            |  |
| Deschampsia ces. 'Bronzeschleier'                 | 5L                      | Full pot, fully rooted pot system, healthy clump   | 3   | Е                              | fully                    | 1.2                            | Medium      | 5 to 8                        | 5 to 8         | Nat    |              | 3rd             | ✓                           | М               | М                           | 0                                       |                     |                     | Е            |  |
| Deschampsia ces. 'Goldschleier'                   | 3L                      | Full pot, fully rooted pot system, healthy clump   | 4-5   | Е                              | fully                    | I                              | Medium      | 5 to 8                        | 5 to 8         | Nat    |              | 3rd             | ✓                           | М               | М                           | 0                                       |                     |                     | Е            |  |
| Deschampsia ces. 'Goldschleier'                   | 5L                      | Full pot, fully rooted pot system, healthy clump   | 3   | E                              | fully                    | I                              | Medium      | 5 to 8                        | 5 to 8         | Nat    |              | 3rd             | ✓                           | М               | М                           | 01                                      |                     |                     | E            |  |
| Festuca glauca 'Elijah Blue' (Note - short lived) | 2L                      | Full pot, fully rooted pot system, healthy clump   | 6-7   | E                              | fully                    | 0.3                            | Medium      | 4 to 7                        |                |        | (            | GC - 1st        |                             | М               | WD                          | 0                                       | D                   |                     | Е            |  |
| Festuca glauca 'Elijah Blue' (Note - short lived) | 5L                      | Full pot, fully rooted pot system, healthy clump   | 4   | E                              | fully                    | 0.3                            | Medium      | 4 to 7                        |                |        | (            | GC - Ist        |                             | М               | WD                          | 0                                       | D                   |                     | E            |  |
| Hakonechloa macra 'Albostriata'                   | 2L                      | Full pot, fully rooted pot system, healthy clump   | 5-6   | E                              | fully                    | 0.4                            | Slow        | 6 to 12                       | 8 to 9         |        | (            | GC - 1st        | ✓                           | М               | M WD                        | 0                                       |                     |                     |              |  |
| Hakonechloa macra 'Albostriata'                   | 5L                      | Full pot, fully rooted pot system, healthy clump   | 3-4   | E                              | fully                    | 0.4                            | Slow        | 6 to 12                       | 8 to 9         |        | (            | GC - Ist        | ✓                           | М               | M WD                        | 01                                      |                     |                     |              |  |

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Soil preference: ALK = Alkaline (Chalky) AC= Acid M = Most types Hardiness: frost = to -8C fully = to -15C +

 $\textbf{Design layers} \; (\text{mature height}) : GC = 20\text{-}30\text{cm} \quad 1\text{st} = 30\text{-}60\text{cm} \quad 2\text{nd} = 60\text{-}90\text{cm} \quad 3\text{rd} = 90\text{-}150\text{cm} \quad 4\text{th} = 150\text{cm} + 100\text{cm} \quad 4\text{cm} = 150\text{cm} + 100\text{cm} \quad 1\text{cm} = 100\text{cm} = 100\text{cm} \quad 1\text{cm} = 100\text{cm} = 100\text{cm}$ 

Extremes: Particualr varieties will tolerate certain extreme conditions where indicated once established on site Native: as defined by Natural History Museum Bio diversity: provides natural habit/food for insects and birdlife



| grasses  | Spec21 pot size - Litre | Spec21 Specification - please note 5L stock usually requires one season lead in for availability | Suggested planting density per square metre | E- evergreen semi-evergeen | Frost hardy/ fully hardy | Mature size in flower - metres | Growth rate | Looking at their best - month | Flowers- month | Native | Bio diversiy | Design<br>layer | Effective for mass planting | Soil preference | Moist - M Well Drained - WD | Sun/semi shade/full shade<br>preference | Very dry conditions | Very wet conditions | Exposed site | Potentially harmful (RHS) |
|--|-------------------------|--|---|----------------------------|--------------------------|--------------------------------|-------------|-------------------------------|----------------|--------|--------------|-----------------|-----------------------------|-----------------|-----------------------------|---|---------------------|---------------------|--------------|---------------------------|
| Helictotrichon sempervirens AGM                | 2L                      | Full pot, fully rooted pot system, healthy clump   | 4-5   | E                          | fully                    | I                              | Medium      | 4 to 10                       | 5 to 7         |        |              | 2nd - 3rd       | ✓                           | М               |                             | 0                                       | D                   |                     | E            |                           |
| Helictotrichon sempervirens AGM                | 5L                      | Full pot, fully rooted pot system, healthy clump   | 3-4   | E                          | fully                    | I                              | Medium      | 4 to 10                       | 5 to 7         |        |              | 2nd - 3rd       | ✓                           | М               |                             | 01                                      | D                   |                     | E            |                           |
| Imperata cylindrica 'Red Baron'                | 21                      | Full pot, fully rooted pot system, healthy clump   | 5-6   | E                          | frost-full               | 0.5                            | Slow        | 5 to 9                        |                |        |              | lst             | ✓                           | М               | M WD                        | 0                                       |                     |                     |              |                           |
| Imperata cylindrica 'Red Baron'                | 5L                      | Full pot, fully rooted pot system, healthy clump   | 4   | E                          | frost-full               | 0.5                            | Slow        | 5 to 9                        |                |        |              | lst             | ✓                           | М               | M WD                        | 0                                       |                     |                     |              |                           |
| Luzula sylvatica                               | 2L                      | Full pot, fully rooted pot system, healthy clump   | 3-4   | E                          | fully                    | 0.6                            | Fast        | 5 to 6                        | 5 to 6         | Nat    | Bio          | GC - Ist        |                             | N-AC            | MWD                         | 010                                     |                     |                     |              |                           |
| Miscanthus sinensis 'Ferne Osten' AGM          | 3L                      | Full pot, fully rooted pot system, min 4 canes   | 3-4   |                            | fully                    | 1.6                            | Medium      | 8 to 12                       | 8 to 10        |        |              | 3rd - 4th       | ✓                           | М               | WD                          | 01                                      |                     |                     |              |                           |
| Miscanthus sinensis 'Ferne Osten' AGM          | 5L                      | Full pot, fully rooted pot system, min 8 canes   | 2-3   |                            | fully                    | 1.6                            | Medium      | 8 to 12                       | 8 to 10        |        |              | 3rd - 4th       | ✓                           | М               | WD                          | 01                                      |                     |                     |              |                           |
| Miscanthus sinensis 'Gracillimus'              | 3L                      | Full pot, fully rooted pot system, min 4 canes   | 3-4   |                            | fully                    | 2                              | Medium      | 7 to I                        | I0 to II       | ,      |              | 3rd - 4th       | ✓                           | М               | WD                          | 01                                      |                     |                     |              |                           |
| Miscanthus sinensis 'Morning Light' AGM        | 3L                      | Full pot, fully rooted pot system, min 4 canes   | 4-5   |                            | fully                    | 1.6                            | Medium      | 6 to 12                       | 9 to 10        |        |              | 3rd - 4th       | ✓                           | М               | WD                          | 01                                      |                     |                     | E            |                           |
| Miscanthus sinensis 'Morning Light' AGM        | 5L                      | Full pot, fully rooted pot system, min 8 canes   | 3   |                            | fully                    | 1.6                            | Medium      | 6 to 12                       | 9 to 10        |        |              | 3rd - 4th       | ✓                           | М               | WD                          | 01                                      |                     |                     | E            |                           |
| Miscanthus sinensis 'Silberfeder' AGM          | 3L                      | Full pot, fully rooted pot system, min 4 canes   | 5   |                            | fully                    | 2.2                            | Fast        | 7 to 12                       | 8 to 10        |        |              | 3rd - 4th       |                             | М               | WD                          | 01                                      |                     |                     |              |                           |
| Miscanthus sinensis 'Silberfeder' AGM          | 5L                      | Full pot, fully rooted pot system, min 8 canes   | 3   |                            | fully                    | 2.2                            | Fast        | 7 to 12                       | 8 to 10        |        |              | 3rd - 4th       |                             | М               | WD                          | 0                                       |                     |                     |              |                           |
| Miscanthus sinensis 'Zebrinus' AGM             | 3L                      | Full pot, fully rooted pot system, min 4 canes   | 5   |                            | fully                    | 2                              | Medium      | 6 to 12                       | 9 to 10        |        |              | 2nd - 3rd       |                             | М               | WD                          | 01                                      |                     |                     |              |                           |
| Miscanthus sinensis 'Zebrinus' AGM             | 5L                      | Full pot, fully rooted pot system, min 8 canes   | 3   |                            | fully                    | 2                              | Medium      | 6 to 12                       | 9 to 10        |        |              | 2nd - 3rd       |                             | М               | WD                          | 0                                       |                     |                     |              |                           |
| Ophiopogon planiscapus 'Niger' AGM             | 2L                      | Full pot, fully rooted pot system, healthy clump   | 6-8   | E                          | fully                    | .25                            | Slow        | 4 to 11                       | 6 to 8         |        |              | GC              | ✓                           | М               | M WD                        | 010                                     |                     |                     |              |                           |
| Ophiopogon planiscapus 'Niger' AGM             | 5L                      | Full pot, fully rooted pot system, 2 healthy clumps  | 4-5   | E                          | fully                    | .25                            | Slow        | 4 to 11                       | 6 to 8         |        |              | GC              | ✓                           | М               | M WD                        | 010                                     |                     |                     |              |                           |
| Panicum virgatum 'Heavy Metal'                 | 3L                      | Full pot, fully rooted pot system, healthy clump   | 3-4   |                            | fully                    | 1.3                            | Medium      | 8 to 11                       | 8 to 9         |        |              | 3rd             | ✓                           | М               | M WD                        | 0                                       |                     |                     |              |                           |
| Panicum virgatum 'Heavy Metal'                 | 5L                      | Full pot, fully rooted pot system, healthy clump   | 2-3   |                            | fully                    | 1.3                            | Medium      | 8 to 11                       | 8 to 9         |        |              | 3rd             | ✓                           | М               | M WD                        | 0                                       |                     |                     |              |                           |
| Pennisetum alopecuroides 'Hameln'              | 3L                      | Full pot, fully rooted pot system, healthy clump   | 4-5   | SE                         | fully                    | 0.9                            | Medium      | 7 to 11                       | 4 to 9         |        |              | 3rd - 4th       | ✓                           | М               | WD                          | 01                                      |                     |                     | E            |                           |
| Pennisetum alopecuroides 'Hameln'              | 5L                      | Full pot, fully rooted pot system, healthy clump   | 3   | SE                         | fully                    | 0.9                            | Medium      | 7 to 11                       | 4 to 9         |        |              | 3rd - 4th       | ✓                           | М               | WD                          | 01                                      |                     |                     | E            |                           |
| Stipa arundinacea - see Anementhele lessoniana |                         |  |   |                            |                          |                                |             |                               |                |        |              |                 |                             |                 |                             |   |                     |                     |              |                           |
| Stipa tenuissima                               | 2L                      | Full pot, fully rooted pot system, min 5 canes   | 5-7   | E                          | fully                    | 0.6                            | Fast        | 5 to 10                       | 5 to 8         |        |              | Ist - 2nd       | ✓                           | М               | WD                          | 0                                       | D                   |                     |              |                           |
| Stipa tenuissima                               | 5L                      | Full pot, fully rooted pot system, min 9 canes   | 4   | E                          | fully                    | 0.6                            | Fast        | 5 to 10                       | 5 to 8         |        |              | Ist - 2nd       | ✓                           | М               | WD                          | 0                                       | D                   |                     |              |                           |

KEY Soil preference: ALK /CH= Alkaline (Chalky) AC= Acid M = Most types Hardiness: frost = to -8C fully = to -15C +

**Design layers** (mature height): GC = 20-30cm 1st = 30-60cm 2nd = 60-90cm 3rd = 90-150cm 4th = 150cm +

Extremes: Particualr varieties will tolerate certain extreme conditions where indicated once established on site Native: as defined by Natural History Museum Bio diversity: provides natural habit/food for insects and birdlife



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### groundcover

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These varieties have been selected for their dense, low growing mat or mound forming habit. Dense mats of groundcover offer a practical alternative to hard landscaped areas were the eye line needs to be clear. . Planted areas provide potential solutions to poor surface drainage as well as creating a habit and providing a natural ecosystem for wildlife. Well specified and goods quality ground cover should form a dense low maintenance amt within one growing season.

Using evergreen shrubs will provide a year round cover and they can also be under planted with bulbs for added season interest. It is also worth considering groundcover perennials such as Pratia that can bring colour interest as well as dense carpet such as Leptonella. Low growing grasses such as Carex morriwii 'Evergold 'planted on mass can provide dramatic visual effect.

As with all container grown landscape plants a minimum of a 2 litre container is recommended to ensure that the plant is strong and mature enough to survive the rigours of a newly planted landscape site and which will quickly establish to provide a good cover within a season. Anything smaller, unless for a specialist planting such as green walls or roofs, runs the risk of being too immature to establish well and once mulch has been applied can get buried. Hederas particularly suffer from over mulching. Young plants with only I or 2 breaks are not suited to a landscape environment, and are unlikely to form an effective mat,

Poor quality groundcover material results in higher losses, is unlikely to form a good dense carpet within a season and will require more maintenance. If there are budget constraints, we recommend contact with the grower for practical and effect solutions.

AGM denotes the Royal Horticultural Society's 'Award of Garden Merit'

Potentially harmful: refers to harmful to humans further information from RHS

What to look for: fresh foliage, no old leggy growth. For shrubs, the number of breaks creating a sound basic structure with plenty of potential growth. A plant that is in proportion to the pot. With grasses, perennials and ferns good, dense, healthy crowns with no rotting. Pest, disease and weed free plants with vine weevil control Incorporated in the compost. 12-14 months of slow release fertiliser to aid establishment and ensure the plant the best start.

**Substitutions:** Alternative plants, do, at times, have to be considered. The reasons can be realistic commercial availability, horticultural and quality concerns and the time of year of installation. We recommend entering into dialogue with the grower to get the best advice and

expertise to meet your design aspirations and delivery requirements.



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Whilst every effort has been made to ensure the information is accurate—please contact us with comments and suggestions for the inclusion in the next revision

| groundcover   | Spec21<br>size - cm | Spec21 pot size - Litre | Bare Root (in season) | Spec21 Specification - breaks(branches) should<br>be in the lower third | Suggested planting density per square metre | E- evergreen<br>SE - semi-evergeen | Plant group/Spec21 section | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth<br>rate | Flowers- month | Flower Colour | Native   | Bio diversiy | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions | Very wet conditions Exposed site | Coastal conditions Potentially harmful (RHS) |
|---|---------------------|-------------------------|-----------------------|---|---|------------------------------------|----------------------------|--------------------------|----------------------------|----------------|----------------|---------------|----------|--------------|-----------------|---|---------------------|----------------------------------|--|
| Ajuga reptans 'Catlins Giant' AGM                             |                     | 2L                      |                       | Full pot, fully rooted pot, healthy crown                               | 5-6   | Е                                  | Peren                      | fully                    | .2 max                     | Fast           | 3-5            | blue          | Nat      |              | М               | 010                                     |                     |                                  |  |
| Berberis thunbergii 'Green Carpet'                            | 20-30 dia           | 3L                      |                       | Branched, min 4 breaks  | 4-5   |                                    | Shrub                      | fully                    | .69                        | Medium         | 5              |               |          | Bio          | M - AC          | $\bigcirc \P$                           |                     |                                  |  |
| Calluna vulgaris  | 15-20 dia           | 2L                      |                       | Bushy, multi breaks   | 8   | E                                  | Shrub                      | fully                    | 0.5                        | Slow           | 7-11           | purp-pink     | Nat      | Bio          | M to AC         | 0                                       | ,                   | W E                              |  |
| Carex oshimensis 'Evergold'                                   |                     | 2L                      |                       | Full pot, fully rooted pot, healthy clump                               | 5   | Е                                  | Grass                      | fully                    | to 0.5                     | Slow           |                |               |          |              | М               | $\bigcirc \P$                           |                     |                                  |  |
| Cotoneaster dammeri AGM                                       | 25-30dia            | 2L                      |                       | Branched, min 3 breaks  | 4-5   | Е                                  | Shrub                      | fully                    | 0.3 max                    | Medium         | 6              | white         |          | Bio          | M & CH          | 010                                     | D                   | Е                                | С  |
| (Oakwood)   | 20-30dia            | 2L                      |                       | Branched, min 3 breaks  | 4-5   | Е                                  | Shrub                      | fully                    | 0.3 max                    | Medium         | 6              | cream         |          | Bio          | М               | 010                                     | D                   | E                                |  |
| Cotoneaster salicifolia ' Gnom'                               | 30 dia              | 2L                      |                       | Branched, min 4 breaks  | 3-4   | E                                  | Shrub                      | fully                    | 0.2 max                    | Medium         | 6              | white         |          | Bio          | М               | 010                                     | D                   | Е                                | С  |
| Cotoneaster saphyr R Green                                    | 30-40 dia           | 2L                      |                       | Branched, min 5 breaks  | 3-4   | E                                  | Shrub                      | fully                    | 0.4-0.6                    | Fast           | 6              | white         |          | Bio          | М               | 010                                     |                     | Е                                | С  |
| section)  |                     | 2L                      |                       | Full pot  | 5-7   |                                    | Peren                      | fully                    | 0.3-0.9                    | Slow           | 4-5            |               |          |              | М               | 010                                     |                     |                                  |  |
| Erica carnea varieties  | 10-15 dia           | 2L                      |                       | Bushy   | 5-6   | E                                  | Shrub                      | fully                    | .5 max                     | Medium         | 11-4           | white-purp    |          | Bio          | M-AC            | $\bigcirc \P$                           |                     | E                                |  |
| Euonymus fortunei 'Emerald & Gold'                            | 15-20 dia           | 2L                      |                       | Bushy, min 4 breaks   | 6-8   | Е                                  | Shrub                      | fully                    | 0.5 max                    | Medium         |                |               |          |              | M & CH          | 010                                     |                     | E                                | 1  |
| Euonymus fortunei 'Emerald & Gold'                            | 20-30dia            | 3L                      |                       | Bushy, min 6 breaks   | 4-5   | Ε                                  | Shrub                      | fully                    | 0.5 max                    | Medium         |                |               |          |              | M & CH          | 010                                     |                     | Е                                | 1  |
| Euonymus fortunei 'Emerald Gaiety'                            | 15-20 dia           | 2L                      |                       | Bushy, min 4 breaks   | 6-8   | E                                  | Shrub                      | fully                    | 0.5 max                    | Medium         |                |               |          |              | M & CH          | 010                                     | D                   |                                  | CI   |
| Euonymus fortunei 'Emerald Gaiety'                            | 20-30dia            | 3L                      |                       | Bushy, min 6 breaks   | 4-5   | Е                                  | Shrub                      | fully                    | 0.5 max                    | Medium         |                |               |          |              | M & CH          | 010                                     | D                   |                                  | C  |
| Euonymus fortunei 'Dart's Blanket                             | 15-20 dia           | 2L                      |                       | Bushy, min 4 breaks   | 6-8   | Ε                                  | Shrub                      | fully                    | 0.5                        | Med/Fast       |                |               |          |              | М               | $\circ$                                 |                     |                                  | 1  |
| Euonymus fortunei 'Dart's Blanket                             | 20-30dia            | 3L                      |                       | Bushy, min 6 breaks   | 4-5   | Ε                                  | Shrub                      | fully                    | 0.5                        | Med/Fast       |                |               |          |              | М               | $\circ$                                 |                     |                                  | 1  |
| Euonymus fortunei 'Dart's Blanket                             | 30-40dia            | 5L                      |                       | Bushy min 9 breaks  | 2-3   | Ε                                  | Shrub                      | fully                    | 0.5                        | Med/Fast       |                |               |          |              | М               | $\circ$                                 |                     |                                  | 1  |
| Fragaria x ananassa 'Pink Panda' AGM                          |                     | 2L                      |                       | Full pot, fully rooted, healthy crown                                   | 5-7   | SE                                 | Peren                      | fully                    | 0.2-0.5                    | Fast           | 5-11           | pink          |          | Bio          | М               | $\circ$                                 |                     |                                  |  |
| Geranium Brookside<br>(longer flowering than 'Johnsons Blue') |                     | 2L                      |                       | Full pot, fully rooted, healthy crown                                   | 4-5   |                                    | Peren                      | fully                    | 0.5 max                    | Fast           | 5-9            | blue          |          | Bio          | М               | 01                                      |                     |                                  |  |
| Geranium cant. 'Biokovo'                                      |                     | 2L                      |                       | Full pot, fully rooted, healthy crown                                   | 5-6   |                                    | Peren                      | fully                    | 0.3                        | Fast           | 5-7            | pink          |          | Bio          | М               | $\circ$                                 |                     |                                  |  |
| Geranium x oxonianum 'Wargrave Pink'                          |                     | 2L                      |                       | Full pot, fully rooted, healthy crown                                   | 5-6   |                                    | Peren                      | fully                    | 0.5                        | Fast           | 5-7            | pink          |          | Bio          | М               | $\circ$                                 |                     |                                  |  |
| Geranium macrorrhizum   |                     | 2L                      |                       | Full pot, fully rooted, healthy crown                                   | 5-6   | SE                                 | Peren                      | fully                    | 0.3 to 0.5                 | Medium         | 5-7            | pink          |          | Bio          | М               | 010                                     |                     |                                  |  |
| Geranium macrorrhizum 'Spessart'                              |                     | 2L                      |                       | Full pot, fully rooted pot, healthy crown                               | 5-6   | SE                                 | Peren                      | fully                    | 0.3 to 0.5                 | Medium         | 5-7            | white         |          | Bio          | М               | 010                                     |                     |                                  |  |
| Geranium renardii AGM   |                     | 2L                      |                       | Full pot, fully rooted, healthy crown                                   | 5-6   | SE                                 | Peren                      | fully                    | 0.3 to 0.5                 | Medium         | 4-7            | white&purple  | <u> </u> | Bio          | М               | 010                                     |                     |                                  |  |
| Geranium rivers. 'Mavis Simpson' AGM                          |                     | 2L                      |                       | Full pot, fully rooted, healthy crown                                   | 4-5   | SE                                 | Peren                      | fully                    | 0.3 to 0.5                 | Medium         | 5-9            | pink          |          | Bio          | М               | $\circ$                                 |                     |                                  |  |
| Geraniumx riversleaianum 'Russell Pritcha                     | rd' AGM             | 2L                      |                       | Full pot, fully rooted, healthy crown                                   | 4-5   | SE                                 | Peren                      | fully                    | 0.5 max                    | Medium         | 5-9            | magenta       |          | Bio          | М               | $\bigcirc \P$                           |                     |                                  |  |
| Geranium 'Rozanne'  |                     | 2L                      |                       | Full pot, fully rooted, healthy crown                                   | 3-4   |                                    | Peren                      | fully                    | 0.6 max                    | Fast           | 5-10           | blue          |          | Bio          | М               | 0                                       |                     |                                  |  |

KEY Soil preference: ALK = Alkaline (Chalky) AC= Acid M = Most Hardiness: frost = to -8C fully = to -15C+

Design layers (mature height): G = 20-30cm 1st = 30-60cm 2nd = 60-90cm 3rd = 90-150cm 4th = 150cm+

Extremes: Particual varieties will tolerate certain extreme conditions where indicated once established on site

Native: as defined by Natural History Museum Bio diversity: provides natural habit/food for insects and birdlife

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| groundcover                               | Spec21<br>size - cm | Spec21 pot size - Litre | Bare Root (in season) | Spec21 Specification - breaks(branches) should<br>be in the lower third | Suggested planting density per square metre | E. evergreen<br>SE - semi-evergeen | Plant group/Spec21 section | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth<br>rate | Flowers- month | Flower Colour | Native | Bio diversiy | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions | Exposed site                            | Coastal conditions Potentially harmful (RHS) |
|---|---------------------|-------------------------|-----------------------|---|---|------------------------------------|----------------------------|--------------------------|----------------------------|----------------|----------------|---------------|--------|--------------|-----------------|---|---------------------|---|--|
| Hedera algeriensis 'Ravenholst'           | 20-30dia            | 2L                      |                       | Branched min 5 breaks   | 5-6   |                                    | Climber                    | fully                    | 0.5                        | Fast           |                |               |        | Bio          | М               | 010                                     |                     | *************************************** |  |
| Hedera helix 'Green Ripple'               | 20-30dia            | 2L                      |                       | Branched min 5 breaks   | 5-6   | E                                  | Climber                    | fully                    | 0.5                        | Medium         |                |               | Nat    | Bio          | М               | 010                                     |                     |   |  |
| Hedera helix 'Ivalace'                    | 20-30dia            | 2L                      |                       | Branched min 5 breaks   | 3-4   | E                                  | Climber                    | fully                    | 0.5                        | Medium         |                |               | Nat    | Bio          | М               | 010                                     |                     |   |  |
| Hedera helix 'Sagittifolia'               | 20-30dia            | 2L                      |                       | Branched min 5 breaks   | 3-4   | Е                                  | Climber                    | fully                    | 0.5                        | Medium         |                |               | Nat    | Bio          | М               | 010                                     |                     |   |  |
| Hedera hibernica                          | 20-30dia            | 2L                      |                       | Branched min 3 breaks   | 3-4   | Е                                  | Climber                    | fully                    | 0.5                        | Fast           |                |               |        | Bio          | М               | 010                                     |                     | Е                                       |  |
| Hemerocallis 'Stella d'Or' (clump forming | g)                  | 2L                      |                       | Full pot, fully rooted pot system, healthy c                            | 5   | SE                                 | Peren                      | fully                    | .4                         | Medium         | 6-9            | gold          |        |              | М               | $\circ$                                 |                     |   |  |
| Juniperus communis 'Repanda' AGM          | 20-30dia            | 3L                      |                       | Branched min 3 breaks   | 3   | E                                  | Conifer                    | fully                    | .2-1                       | Medium         |                |               | Nat    |              | М               | 0                                       |                     |   |  |
| Leptinella squalida 'Platts Black'        |                     | 2L                      |                       | Full pot, fully rooted system, healthy crow                             | 5-7   |                                    | Peren                      | fully                    | 0.1 max                    | Medium         |                | yellow        |        |              | М               | 010                                     |                     |   |  |
| Liriope muscari AGM (clump forming)       |                     | 2L                      |                       | Full pot, fully rooted, healthy crown                                   | 6-7   |                                    | Peren                      | fully                    | 0.3 to 0.4                 | Slow           | 8-11           | mauve         |        |              | М               | 0                                       |                     |   |  |
| Lonicera nitida 'Maigrun'                 | 20-25dia            | 2L                      |                       | Bushy, min 5 breaks   | 3-4   | Е                                  | Shrub                      | fully                    | 0.6 to0.9                  | Fast           |                |               |        |              | М               | 010                                     |                     | Е                                       |  |
| Lonicera nitida 'Maigrun'                 | 25-30dia            | 3L                      |                       | Bushy, min 5 breaks   | 3-4   | Е                                  | Shrub                      | fully                    | 0.5                        | Fast           |                |               |        |              | М               | 010                                     |                     | Е                                       |  |
| Lonicera nitida 'Loughall Evergreen"      | 20-25dia            | 2L                      |                       | Bushy, min 5 breaks   | 3-4   | Е                                  | Shrub                      | fully                    | 0.5                        | Fast           |                |               |        |              | М               | 010                                     |                     | Е                                       |  |
| Lonicera nitida 'Loughall Evergreen"      | 25-30dia            | 3L                      |                       | Bushy, min 5 breaks   | 3-4   | E                                  | Shrub                      | fully                    | 0.5                        | Fast           |                |               |        |              | М               | 010                                     |                     | Е                                       |  |
| Ophiopogon planiscapus 'Niger' AGM        |                     | 2L                      |                       | Full pot, fully rooted pot , healthy clump                              | 6-8   | Е                                  | Grass                      | fully                    | .25                        | Slow           | 6-8            |               |        |              | М               | 010                                     |                     |   |  |
| Pachysandra terminalis 'Green Carpet'     | 15-20 dia           | 2L                      |                       | Full pot  | 5-6   | Е                                  | Shrub                      | fully                    | 0.5 max                    | Medium         |                |               |        |              | М               | 10                                      | ٧                   | / E                                     |  |
| Pachysandra terminalis                    | 15-20 dia           | 2L                      |                       | Full pot  | 5-6   | Е                                  | Shrub                      | fully                    | 0.5 max                    | Medium         |                |               |        |              | М               | 10                                      | DΥ                  | / E                                     | С  |
| Persicaria affinis 'Darjeeling Red' AGM   |                     | 2L                      |                       | Full pot, fully rooted, healthy crown                                   | 5-6   | SE                                 | Peren                      | fully                    | 0.3                        | Medium         | 7-10           | pink/red      |        | Bio          | М               | 01                                      |                     | *************************************** | 1  |
| Pratia pedunculata                        | 10-15 dia           | 2L                      |                       | Full pot, fully rooted, healthy crown                                   | 6-7   | Е                                  | Peren                      | frost                    | 0.2 max                    | Medium         | 6-10           | blue          |        |              | М               | 010                                     |                     |   |  |
| Pratia pedunculata 'Country Park'         | 10-15 dia           | 2L                      |                       | Full pot, fully rooted, healthy crown                                   | 6-7   | Е                                  | Peren                      | frost                    | 0.2 max                    | Medium         | 6-10           | blue          |        |              | М               | 010                                     |                     |   |  |
| Rosa 'Snow Carpet' not recommended po     | or long ter         | m perfor                | mer                   |   |   |                                    |                            |                          |                            |                |                |               |        |              |                 |   |                     |   |  |
| Rubus pantalobus 'Green Carpet'           | 25-30 dia           | 2L                      |                       | Full pot , min 5 breaks   | 4-5   | Е                                  | Shrub                      | fully                    | 0.3 max                    | Med/Fast       | 6-7            | white         |        | Bio          | М               | 010                                     |                     |   |  |
| Santolina chamecyparissus                 | 15-20               | 2L                      |                       | Bushy, min 6 breaks   | 4-5   | Е                                  | Shrub                      | fully                    | .5 max                     | Medium         | 6-7            | yellow        |        |              | М               | 0                                       | DΥ                  | / E                                     | С  |
| Santolina rosmarinifolia (virens)         | 15-20               | 3L                      |                       | Bushy, min 6 breaks   | 4-5   | Е                                  | Shrub                      | fully                    | .5 max                     | Medium         | 6-7            | yellow        |        |              | М               | 0                                       | DΥ                  | / E                                     | С  |
| Sarcoccoca hookeriana var humilis         | 20-30               | 2L                      |                       | Bushy, min 6-7 breaks   | 5-6   | Е                                  | Shrub                      | fully                    | .5 max                     | Slow           | I-3            | white         |        | Bio          | M & CH          | 010                                     | ٧                   | /                                       |  |
| Stachys byzantine 'Silver Carpet'         | 15-20 dia           | 2L                      |                       | Full pot, fully rooted  | 6   | Е                                  | Peren                      | fully                    | 0.2 max                    | Fast           |                |               |        |              | М               | 0                                       |                     | *************************************** |  |
| Vinca major                               | 25-30 dia           | 2L                      |                       | Full pot, min 5 breaks  | 4-5   | Е                                  | Shrub                      | fully                    | 0.4 max                    | Fast           | 3-5            | blue          |        |              | М               | 010                                     |                     | *************************************** |  |
| Vinca minor 'Grunner Teppich'             | 25-30 dia           | 2L                      |                       | Full pot, min 5 breaks  | 4-5   | Е                                  | Shrub                      | fully                    | 0.3 max                    | Medium         | 3-5            | blue          |        |              | М               | 010                                     |                     |   |  |
| Vinca minor 'Gertrude Jekyll'             | 40-50 dia           | 2L                      |                       | Full pot, min 7 breaks  | 3-4   | Е                                  | Shrub                      | fully                    | 0.5 max                    | Fast           | 5              |               |        |              | М               | 010                                     |                     |   |  |
| Waldsteinia ternata                       |                     | 2L                      |                       | Full pot, fully rooted  | 5-7   | Е                                  | Peren                      | fully                    | 0.2 max                    | Medium         | 5              | yellow        |        |              | М               | 010                                     |                     |   |  |

KEY Soil preference: ALK = Alkaline (Chalky) AC= Acid M = Most types N = Neutral Hardiness: frost = to -8C fully = to -150

**Design layers** (mature height): G = 20-30cm 1st = 30-60cm 2nd = 60-90cm 3rd = 90-150cm 4th = 150cm+ **Extremes**: Particualr varieties will tolerate certain extreme conditions where indicated once established on site **Native**: as defined by Natural History Museum **Bio diversity**: provides natural habit/food for insects and birdlife



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climbers-ferns-grasses-groundcover-perennials-shrubs



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### perennials

Perennials bring seasonal colour and interest to plantings. Many attract insects and butterflies and help create bio-diverse ecological environments. When using perennials it is import to consider the expectations of the immediate impact of a design and the time of year of installation. In an exposed environment, more delicate perennials my require a season's growth in situe to minimise potential winter losses.

The 2 litre container is a good size for hardy perennials as they establish quickly; they will rapidly fill a 2 litre pot in one growing season and form a dense healthy crown. If a larger perennial is required they can be grown in 3 and 5 litre pots under controlled conditions if the grower is given

enough time.

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A perennial in a smaller pot is best left on the nursery to become more mature (unless specifically required for a specialist project such as green walls or roofs). An immature perennial is unlikely to be strong enough to perform well on a landscape site and may well struggle against stronger plants and careless mulching. If there are budget constraints, we recommend contact with the grower for practical and effect solutions.

Mulch for perennials should be chosen and applied with care. As a general rule, the crowns must not be buried.

**AGM** denotes the Royal Horticultural Society's 'Award of Garden Merit' **Potentially harmful:** refers to harmful to humans further information from RHS

What to look for: full pot and healthy crown with fresh foliage in season. When dormant, the crown should look and feel healthy. Pest, disease and weed free plants with vine weevil control incorporated in the compost. 12-14 months of controlled release fertiliser to aid establishment and give the plant the best possible start.

**Substitutions:** Alternative plants, do, at times, have to be considered. The reasons can be realistic commercial availability, horticultural and quality concerns and the time of year of installation. We recommend entering into dialogue with the grower to get the best advice and expertise to meet your design aspirations and delivery requirements.

plants for inclusion in the next

revision.

robin tacchi plants

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Robin Tacchi comments ' I have

noticed that we are seeing more I litre

perennials being specified in the current

economic climate. Whilst some varieties

might be vigorous enough to survive on site, it is always worth using a stronger

more reliable 2 litre plant and if necessary, cut down on the planting density

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Whilst every effort has been made to ensure the information is accurate—please contact us with comments and suggestions for the inclusion in the next revision

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| perennials                               | Spec21 size - cm | Spec2l pot size - Litre | Spec21 Specification                      | Suggested planting density per<br>square metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Flower colour | Native | Bio diversiy | Design<br>layer | Soil preference | Sun/semi shade/full shade<br>preference | Dry conditions Wet conditions | Exposed site<br>Coastal conditions |
|--|------------------|-------------------------|---|--|------------------------------------|--------------------------|----------------------------|-------------|----------------|---------------|--------|--------------|-----------------|-----------------|---|-------------------------------|------------------------------------|
| Acanthus hungaricus                      |                  | 2L                      | Full pot, fully rooted pot, healthy crown | 3-4  | SE                                 | frost                    | I to 1.5                   | Medium      | 6-8            | mauve         |        |              | 3rd             | N               | 01                                      | D                             |                                    |
| Acanthus spinosus AGM                    |                  | 3L                      | Full pot, fully rooted pot, healthy crown | 4-5  |                                    | frost                    | 0.9 to 1.2                 | Medium      | 7-9            | mauve         |        |              | 2nd-3rd         | Ν               | 0                                       | D                             |                                    |
| Acanthus spinosus AGM                    |                  | 5L                      | Full pot, fully rooted pot, healthy crown | 3  |                                    | frost                    | 0.9 to 1.2                 | Medium      | 7-9            | mauve         |        |              | 2nd-3rd         | Ν               | 0                                       | D                             |                                    |
| Achilliea varieties                      |                  | 2L                      | Full pot, fully rooted pot, healthy crown | 5  |                                    | fully                    | to I                       | Med/Fast    | 6-8            | all shades    | Nat    | Bio          | Ist - 2nd       | М               | 0                                       |                               |                                    |
| Achilliea varieties                      |                  | 5L                      | Full pot, fully rooted pot, healthy crown | 3  | •                                  | fully                    | to I                       | Medium      | 6-8            | all shades    | Nat    | Bio          | lst - 2nd       | М               | 0                                       |                               |                                    |
| Agapanthus 'Dr Brouwer'                  |                  | 3L                      | Full pot, fully rooted pot, healthy crown | 4-5  | SE                                 | frost                    | to I                       | Medium      | 7-9            | blue          |        |              | 2nd             | М               | 0                                       |                               |                                    |
| Agapanthus 'Dr Brouwer'                  |                  | 5L                      | Full pot, fully rooted pot, healthy crown | 2-3  | SE                                 | frost                    | to I                       | Medium      | 7-9            | blue          |        |              | 2nd             | М               | 0                                       |                               |                                    |
| Agapanthus 'Headbourne hybrids'          |                  | 2L                      | Full pot, fully rooted pot, healthy crown | 5-6  |                                    | frost                    | to I                       | Medium      | 7-9            | blue          |        |              | 2nd             | М               | 0                                       |                               |                                    |
| Agapanthus 'Headbourne hybrids'          |                  | 5L                      | Full pot, fully rooted pot, healthy crown | 2-3  |                                    | frost                    | to I                       | Medium      | 7-9            | blue          |        |              | 2nd             | М               | 0                                       |                               |                                    |
| Ajuga reptans 'Catlins Giant' AGM        |                  | 2L                      | Full pot, fully rooted pot, healthy crown | 5-6  |                                    | fully                    | 0.3 max                    | Fast        | 4-5            | blue          | Nat    |              | GC              | М               | 010                                     |                               |                                    |
| Alchemilla mollis AGM                    |                  | 2L                      | Full pot, fully rooted pot, healthy crown | 5-6  |                                    | fully                    | 0.5 max                    | Fast        | 6-9            | yellow-green  |        | Bio          | GC-1st          | М               | 01                                      |                               |                                    |
| Alchemilla mollis AGM                    |                  | 5L                      | Full pot, fully rooted pot, healthy crown | 2-3  | •                                  | fully                    | 0.5 max                    | Fast        | 6-9            | yellow-green  |        | Bio          | GC-1st          | М               | 01                                      | -                             |                                    |
| Anemone huphensis var.japonica           |                  | 2L                      | Full pot, fully rooted pot, healthy crown | 5-6  | •                                  | fully                    | 0.6 to 1                   | Medium      | 8-10           | pink          |        | Bio          | 2nd-3rd         | М               | 01                                      |                               |                                    |
| Anemone huphensis var.japonica           |                  | 5L                      | Full pot, fully rooted pot, healthy crown | 3-4  |                                    | fully                    | 0.6 to 1                   | Medium      | 8-10           | pink          |        | Bio          | 2nd-3rd         | М               | 01                                      | D                             |                                    |
| Anemone hybrida 'Honorine Jobert'        |                  | 2L                      | Full pot, fully rooted pot, healthy crown | 5-6  |                                    | fully                    | 0.6 to 1.2                 | Medium      | 8-10           | white         |        | Bio          | 2nd-3rd         | М               | 01                                      | D                             |                                    |
| Anemone hybrida 'Honorine Jobert'        |                  | 5L                      | Full pot, fully rooted pot, healthy crown | 3-4  |                                    | fully                    | 0.6 to 1.2                 | Medium      | 8-10           | white         |        | Bio          | 2nd-3rd         | М               | 01                                      | D                             |                                    |
| Artemisia 'Powis Castle'                 |                  | 2L                      | Full pot, fully rooted pot, healthy crown | 4-5  |                                    | fully                    | 0.5 to l                   | Medium      | non            | non           |        |              | lst - 2nd       | М               | 0                                       | D                             |                                    |
| Aster x frikartii 'Monch' AGM            |                  | 2L                      | Full pot, fully rooted pot, healthy crown | 5-6  |                                    | fully                    | 0.6 to0.9                  | Medium      | 8-9            | blue          |        | Bio          | 2nd             | М               | 0                                       |                               |                                    |
| Bergenia 'Abendglut'                     |                  | 2L                      | Full pot, fully rooted pot, healthy crown | 5-6  | Е                                  | fully                    | 0.5                        | Medium      | 4-5            | magenta       |        | Bio          | GC              | М               | 010                                     | D W                           |                                    |
| Bergenia 'Abendglut'                     |                  | 5L                      | Full pot, fully rooted pot, healthy crown | 3-4  | Е                                  | fully                    | 0.5                        | Medium      | 4-5            | magenta       |        | Bio          | GC              | М               | 010                                     | D W                           |                                    |
| Bergenia 'Bressingham White' AGM         |                  | 2L                      | Full pot, fully rooted pot, healthy crown | 5-6  | E                                  | fully                    | 0.5                        | Medium      | 4-5            | white         |        | Bio          | GC              | М               | 010                                     | D W                           |                                    |
| Bergenia 'Bressingham White' AGM         |                  | 5L                      | Full pot, fully rooted pot, healthy crown | 3-4  | E                                  | fully                    | 0.5                        | Medium      | 4-5            | white         |        | Bio          | GC              | М               | 010                                     | D W                           |                                    |
| Bergenia cordifilia 'Purpurea' AGM       |                  | 2L                      | Full pot, fully rooted pot, healthy crown | 5-6  | Е                                  | fully                    | 0.5                        | Medium      | 4-5            | pink          |        | Bio          | GC              |                 | 010                                     | D W                           |                                    |
| Bergenia cordifilia 'Purpurea' AGM       |                  | 5L                      | Full pot, fully rooted pot, healthy crown | 3-4  | Е                                  | fully                    | 0.5                        | Medium      | 4-5            | pink          |        | Bio          | GC              |                 | 010                                     | D W                           |                                    |
| Brunnera microphylla                     |                  | 2L                      | Full pot, fully rooted, healthy crown     | 5-6  |                                    | fully                    | 0.6 to 0.9                 | Medium      | 4-5            | blue          |        |              | GC-2nd          |                 | 010                                     | D                             |                                    |
| Campanula glomerata 'Superba' AGM        |                  | 2L                      | Full pot, fully rooted, healthy crown     | 5-6  | •                                  | fully                    | 0.3 to 0.6                 | Fast        | 6-8            | violet        | Nat    | Bio          | 1st-2nd         |                 | 01                                      |                               |                                    |
| Campanula persicifolia                   |                  | 2L                      | Full pot, fully rooted, healthy crown     | 5-6  | •                                  | fully                    | 0.8                        | Fast        | 5-7            | blue          |        | Bio          | 1st-2nd         |                 | 0                                       |                               |                                    |
| Campanula poscharskyana 'Blue Waterfall' |                  | 2L                      | Full pot, fully rooted, healthy crown     | 4-5  | SE                                 | fully                    | 0.4                        | Fast        | 5-9            | mid blue      |        | Bio          | GC              |                 | 0                                       |                               |                                    |
| Centranthus ruber                        |                  | 2L                      | Full pot, fully rooted, healthy crown     | 6  |                                    |                          | 0.6 to 1                   | Fast        | 5-7            | pink/red      |        | Bio          | 1st-2nd         |                 | 0                                       | D                             |                                    |

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| perennials                                      | Spec21 size - cm | Spec2l pot size - Litre | Spec2l Specification                         | Suggested planting density per square metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Flower colour | Native                                  | Bio diversiy | Design<br>layer | Soil preference | Sun/semi shade/full shade<br>preference | Dry conditions Wet conditions | Exposed site Coastal conditions | Potentially harmful (RHS) |
|---|------------------|-------------------------|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|---------------|---|--------------|-----------------|-----------------|---|-------------------------------|---------------------------------|---------------------------|
| Crambe cordifolia AGM                           |                  | 3L                      | Full pot, fully rooted, healthy crown        | 1-2   |                                    |                          | 2                          | Fast        | 5-7            | white         |   | Bio          | 3rd-4th         | М               | 0                                       |                               |                                 |                           |
| Crocosmia 'Carmin Brilliant" AGM                |                  | 2L                      | Full pot, fully rooted, healthy crown        | 6-8   |                                    |                          | 0.7 to 1                   | Fast        | 7-8            | red           |   |              | 2nd             | М               | 0                                       | Į                             |                                 |                           |
| Crocosmia 'Carmin Brilliant" AGM                |                  | 5L                      | Full pot, fully rooted pot, 2 healthy crowns | 4-6   |                                    |                          | 0.7 to 1                   | Fast        | 7-8            | red           |   |              | 2nd             | М               | 0                                       |                               |                                 |                           |
| Crocosmia 'George Davidson'                     |                  | 2L                      | Full pot, fully rooted, healthy crown        | 6-8   |                                    |                          | 0.5 to 1.2                 | Fast        | 8-9            | yellow        |   |              | 2nd-3rd         | М               | 0                                       |                               |                                 |                           |
| Crocosmia 'George Davidson'                     |                  | 5L                      | Full pot, fully rooted pot, 2 healthy crowns | 4-6   |                                    |                          | 0.5 to 1.2                 | Fast        | 8-9            | yellow        |   |              | 2nd-3rd         | М               | 0                                       |                               |                                 |                           |
| Crocosmia 'Lucifer' AGM                         |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   |                                    |                          | I to I.5                   | Fast        | 7-8            | red           |   |              | 2nd-5th         | М               | 0                                       |                               |                                 |                           |
| Crocosmia 'Lucifer' AGM                         |                  | 5L                      | Full pot, fully rooted pot, 2 healthy crowns | 4-6   |                                    |                          | I to I.5                   | Fast        | 7-8            | red           |   |              | 2nd-5th         | М               | 0                                       |                               |                                 |                           |
| Dianella ' Little Rev'                          |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | E                                  | fully                    | 0.5 max                    | Medium      | 7              | violet        |   |              | GC-I            | N/AC            | 01                                      | D                             |                                 |                           |
| Digitalis purpurea (tend to be biennial)        |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-6   | SE                                 | fully                    | I to 2                     | Fast        | 6-7            | violet/pink   |   | Bio          | 3rd-4th         | М               | 010                                     | Į                             |                                 | 1                         |
| Digitalis purpurea 'Alba' (tend to be biennial) |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-6   | SE                                 | fully                    | I to 2                     | Fast        | 6-7            | white         |   | Bio          | 3rd-4th         | М               | 010                                     |                               |                                 | 1                         |
| Echinacea purpurea                              |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   |                                    | fully                    | I to 1.5                   | Medium      | 7-9            | magenta       |   | Bio          | 2nd-3rd         | М               | 0                                       | 1                             |                                 |                           |
| Echinacea purpurea 'White Swan'                 |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   |                                    | fully                    | I to 1.5                   | Medium      | 7-9            | white/pink    |   | Bio          | 2nd-3rd         | М               | 0                                       |                               |                                 |                           |
| Echinops bannaticus 'Taplow Blue' AGM           |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   |                                    | fully                    | 1.5                        | Medium      | 7-9            | blue          |   | Bio          | 2nd-3rd         | М               | 0                                       |                               |                                 |                           |
| Epimedium per. 'Frohnleiten'                    |                  | 2L                      | Full pot, fully rooted, healthy crown        | 6-8   | SE                                 | fully                    | 0.2 to 0.3                 | Slow        | 4-5            | yellow        |   |              | GC              | Moist           | 010                                     |                               |                                 |                           |
| Epimedium per. 'Frohnleiten'                    |                  | 5L                      | Full pot, fully rooted, healthy crown        | 4-5   | SE                                 | fully                    | 0.2 to 0.3                 | Slow        | 4-5            | yellow        |   |              | GC              | Moist           | 010                                     |                               |                                 |                           |
| Epimedium rubrum AGM                            |                  | 2L                      | Full pot, fully rooted, healthy crown        | 6-8   | SE                                 | fully                    | 0.2 to 0.5                 | Slow        | 4-5            | red           |   |              | GC              | Moist           | 010                                     | 1                             |                                 |                           |
| Epimedium rubrum AGM                            |                  | 5L                      | Full pot, fully rooted, healthy crown        | 4-5   | SE                                 | fully                    | 0.2 to 0.5                 | Slow        | 4-5            | red           |   |              | GC              | Moist           | 010                                     |                               |                                 |                           |
| Epimedium x youngianum 'Niveum' AGM             |                  | 2L                      | Full pot, fully rooted, healthy crown        | 6-8   | SE                                 | fully                    | 0.2 to 0.5                 | Medium      | 4-5            | white         |   |              | GC              | Moist           | 010                                     |                               |                                 |                           |
| Epimedium x youngianum 'Niveum' AGM             |                  | 5L                      | Full pot, fully rooted, healthy crown        | 4-5   | SE                                 | fully                    | 0.2 to 0.5                 | Medium      | 4-5            | white         |   |              | GC              | Moist           | 010                                     |                               |                                 |                           |
| Eupatorium maculatum 'Atropurpureum'            |                  | 2L                      | Full pot, fully rooted, healthy crown        | 3   |                                    | fully                    | 2.5                        | Fast        | 8-9            | white         |   | Bio          | 3rd-4th         | Moist           | 01                                      |                               |                                 |                           |
| Euphorbia amygdaloides                          |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | SE                                 | fully                    | 0.3 to 0.5                 | Medium      | 4-5            | green         | Nat                                     |              | GC              | М               | 0                                       |                               |                                 | 1                         |
| Euphorbia amygdaloides 'Purpurea'               |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | SE                                 | fully                    | 0.3 to 0.5                 | Medium      | 4-6            | green         | Nat                                     |              | GC              | М               | 01                                      |                               |                                 | 1                         |
| Euphorbia amygdaloides 'Purpurea'               |                  | 5L                      | Full pot, fully rooted, healthy crown        | 4-5   | SE                                 | fully                    | 0.3 to 0.5                 | Medium      | 4-6            | green         | Nat                                     |              | GC              | М               | 01                                      | 1                             |                                 | 1                         |
| Euphorbia amygdaloides var robbiae AGM          |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   | Е                                  | fully                    | 0.5                        | Medium      | 4-5            | green/yellow  | Nat                                     |              | GC              | М               | 0                                       |                               |                                 | 1                         |
| Euphorbia amygdaloides var robbiae AGM          |                  | 2L                      | Full pot, fully rooted, healthy crown        | 3-4   | E                                  | fully                    | 0.5                        | Medium      | 4-5            | green/yellow  | Nat                                     |              | GC              | М               | 0                                       |                               |                                 | 1                         |
| Euphorbia subsp. characias 'Humpty Dumpty'      | 20-30            | 2L                      | Full pot, 3-4 breaks                         | 4-5   | Е                                  | frost                    | ı                          | Med/Fast    | 4-5            | green         |   |              | 2nd-3rd         | М               | 0                                       |                               |                                 | !                         |
| Euphorbia subsp. characias 'Humpty Dumpty'      | 20-30            | 5L                      | Full pot, 3-4 breaks                         | 2-3   | Е                                  | frost                    | I                          | Med/Fast    | 4-5            | green         |   |              | 2nd-3rd         | М               | 0                                       |                               |                                 | I                         |
| Euphorbia martinii AGM                          | 20-30            | 2L                      | Full pot, 3-4 breaks                         | 5-6   | Е                                  | fully                    | 0.9                        | Medium      | 4-5            | green         | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |              | 1st-2nd         | М               | 0                                       |                               |                                 | I                         |
| Euphorbia martinii AGM                          |                  | 5L                      | Full pot, 3-4 breaks                         | 3-4   | E                                  | fully                    | 0.9                        | Medium      | 4-5            | green         |   |              | GC-1st          | М               | 01                                      |                               |                                 |                           |

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|--|------------------|-------------------------|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|-----------------|--------|--------------|-----------------|-----------------|---|----------------|---|--|
| Fragaria x ananassa 'Pink Panda' AGM             |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-7   | SE                                 | fully                    | 0.2-0.5                    | Fast        | 5-11           | pink            |        | Bio          | GC              | М               | 01                                      |                |   |  |
| Galium odoratum                                  |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   |                                    | fully                    | 0.3-0.6                    | Medium      | 5-6            | white           | Nat    | Bio          | GC-1st          | М               | 0                                       |                |   |  |
| Geranium Brookside AGM                           |                  | 21                      | Full and fully record theolehy groups        | 4-5   |                                    | £II                      | 0.4                        | Med/Fast    | 5-9            | blue            |        | Bio          | GC-1st          | М               | 01                                      |                |   |  |
| (longer flowering than 'Johnsons Blue')          |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-3   |                                    | fully                    | 0.6 max                    | ried/rast   | 3-7            | blue            |        | ыо           | GC-1St          | I'I             |   |                |   |  |
| Geranium cant. 'Biokovo'                         |                  | 2L                      | Full pot, fully rooted, healthy crown        | 6-7   |                                    | fully                    | 0.3                        | Med/Fast    | 5-7            | pale pink       |        | Bio          | GC              | М               | $\circ$                                 |                |   |  |
| Geranium macrorrhizum                            |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | SE                                 | fully                    | 0.3 to 0.5                 | Med/Fast    | 5-7            | pink            |        | Bio          | GC              | М               | 010                                     |                |   |  |
| Geranium macrorrhizum 'Spessart'                 |                  | 2L                      | Full pot, fully rooted pot, healthy crown    | 5-6   | SE                                 | fully                    | 0.3 to 0.5                 | Med/Fast    | 5-7            | white           |        | Bio          | GC              | М               | $\bigcirc$                              |                |   |  |
| Geranium renardii                                |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | SE                                 | fully                    | 0.3 to 0.5                 | Med/Fast    | 4-7            | white&purple    |        | Bio          | GC-1st          | М               | $\bigcirc \P$                           |                | -                                       |  |
| Geranium 'Mavis Simpson' AGM                     |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   | SE                                 | fully                    | 0.3                        | Med/Fast    | 5-9            | pink            |        | Bio          | GC-1st          | М               | $\bigcirc \P$                           |                |   |  |
| Geranium phaeum 'Samobor'                        |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   |                                    | fully                    | 0.5                        | Med/Fast    | 4-6            | dark purple     |        | Bio          | GC-1st          | М               | $\circ$                                 |                |   |  |
| Geraniumx riversleaianum 'Russell Pritchard' AGM |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   | SE                                 | fully                    | 0.3 to 0.5                 | Med/Fast    | 5-9            | magenta         |        | Bio          | GC-1st          | М               | $\circ$                                 |                |   |  |
| Geranium 'Rozanne'                               |                  | 2L                      | Full pot, fully rooted, healthy crown        | 3-4   |                                    | fully                    | 0.6 max                    | Med/Fast    | 5-10           | blue            |        | Bio          | GC-1st          | М               | 0                                       |                |   |  |
| Geranium x oxonianum 'Wargrave Pink' AGM         |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5   |                                    | fully                    | 0.5                        | Med/Fast    | 5-7            | pink            |        | Bio          | GC-1st          | М               | $\circ$                                 |                |   |  |
| Helenium 'Moerheim Beauty' AGM                   |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   |                                    | fully                    | I to 1.5                   | Fast        | 7-9            | burgundy        |        | Bio          | 2nd-3rd         | М               | 0                                       |                |   |  |
| Helenium 'Wyndley'                               |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   |                                    | fully                    | ı                          | Fast        | 6-8            | yellow          |        | Bio          | 2nd-3rd         | М               | 0                                       |                |   |  |
| Helleborous foetidus                             |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | Е                                  | fully                    | 0.3 to 0.5                 | Medium      | 2-4            | green           | Nat    | Bio          | GC-1st          | М               | 010                                     |                |   | 1  |
| Helleborous foetidus                             |                  | 5L                      | Full pot, fully rooted pot, healthy crown    | 3-4   | Е                                  | fully                    | 0.3 to 0.5                 | Medium      | 2-4            | green           | Nat    | Bio          | GC-1st          | М               | 010                                     |                | *************************************** | 1  |
| Hemerocallis 'Golden Chimes' AGM                 |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5   |                                    | fully                    | ı                          | Med/Fast    | 6-9            | yellow          |        |              | Ist-2nd         | М               | $\circ$                                 |                |   |  |
| Helleborous orientalis varieties                 |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | SE                                 | fully                    | 0.3 to 0.5                 | Medium      | 2-4            | pinks/white etc |        | Bio          | GC-1st          | М               | 010                                     |                |   | 1  |
| Helleborous orientalis varieties                 |                  | 5L                      | Full pot, fully rooted pot, healthy crown    | 3-4   | SE                                 | fully                    | 0.3 to 0.5                 | Medium      | 2-4            | pinks/white etc |        | Bio          | GC-1st          | М               | 010                                     |                |   | 1  |
| Hemerocallis 'Joan Senior'                       |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   |                                    | fully                    | 0.5-0.7                    | Medium      | 6-8            | white           |        |              | lst             | М               | $\circ$                                 |                |   |  |
| Hemerocallis 'Stafford"                          |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5   |                                    | fully                    | 0.5-0.7                    | Medium      | 7-8            | red             |        |              | lst             | М               | $\circ$                                 |                | •••••                                   |  |
| Hemerocallis 'Stella D'Oro'                      |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   |                                    | fully                    | 0.3 to 0.5                 | Medium      | 6-9            | gold            |        |              | GC-1st          | М               | $\circ$                                 |                |   |  |
| Heuchera micrantha 'Palace Purple'               |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | SE                                 | fully                    | 0.304                      | Fast        | 5-7            | white           |        | Bio          | lst             | М               | $\circ$                                 |                | *************************************** |  |
| Heuchera micrantha 'Palace Purple'               |                  | 5L                      | Full pot, fully rooted pot, 2 healthy crowns | 3   | SE                                 | fully                    | 0.304                      | Fast        | 5-7            | white           |        | Bio          | lst             | М               | $\circ$                                 |                | *************************************** |  |
| Heuchera 'Plum Pudding'                          |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | SE                                 | fully                    | 0.5 max                    | Fast        | 5-7            | pink            |        | Bio          | lst             | М               | $\circ$                                 |                |   |  |
| Heuchera 'Plum Pudding'                          |                  | 5L                      | Full pot, fully rooted pot, 2 healthy crowns | 3   | SE                                 | fully                    | 0.5 max                    | Fast        | 5-7            | pink            |        | Bio          | lst             | М               | $\circ$                                 |                | •                                       |  |
| Hosta 'Patriot'                                  |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   |                                    | fully                    | 0.7                        | Medium      | 6-8            | white/mauve     |        |              | Ist-2nd         | Moist           | 010                                     |                |   |  |
| Hosta 'Patriot'                                  |                  | 5L                      | Full pot, fully rooted pot, 2 healthy crowns | 3   |                                    | fully                    | 0.7                        | Medium      | 6-8            | white/mauve     |        |              | Ist-2nd         | Moist           | 010                                     |                | •••••                                   |  |

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Bio diversity: provides natural habit/food for insects and birdlife



| perennials                                     | Spec21 size - cm | Spec21 pot size - Litre | Spec21 Specification                         | Suggested planting density per square metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Flower colour  | Native | Bio diversiy | Design<br>layer | Soil preference | Sun/semi shade/full shade<br>preference | ondi | Exposed site Coastal conditions | Potentially harmful (RHS) |
|--|------------------|-------------------------|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|----------------|--------|--------------|-----------------|-----------------|---|------|---------------------------------|---------------------------|
| Hosta seiboldiana                              |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   |                                    | frost                    | 0.8                        | Medium      | 6-8            | white/mauve    |        |              | Ist-2nd         | Moist           | 010                                     |      |                                 |                           |
| Hosta seiboldiana                              |                  | 5L                      | Full pot, fully rooted pot, 2 healthy crowns | 3   |                                    | frost                    | 0.8                        | Medium      | 6-8            | white/mauve    |        |              | Ist-2nd         | Moist           | 010                                     |      |                                 |                           |
| Hosta 'Royal Standard' AGM                     |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   |                                    | frost                    | ı                          | Medium      | 6-8            | lavender       |        |              | Ist-2nd         | Moist           | 010                                     |      |                                 |                           |
| Hosta 'Royal Standard' AGM                     |                  | 5L                      | Full pot, fully rooted pot, 2 healthy crowns | 3   |                                    | frost                    | ı                          | Medium      | 6-8            | lavender       |        |              | Ist-2nd         | Moist           | 010                                     |      |                                 |                           |
| Hyssopus officinalis                           |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | SE                                 | fully                    | .0.75                      | Medium      | 7-9            | blue           |        | Bio          | Ist-2nd         | М               | 0                                       |      |                                 |                           |
| Iris foetidissima AGM                          |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | Е                                  | fully                    | 0.5 max                    | Medium      | 6-7            |                | Nat    |              | GC-1st          | М               | 010                                     |      |                                 | 1                         |
| Iris - germanica types                         |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   |                                    | fully                    | 0.5 to 1                   | Med/Fast    | 5-6            |                |        |              | 1st-2nd         | Dry             | 0                                       |      |                                 | 1                         |
| Iris - sibirica types                          |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   |                                    | fully                    | 0.5 to I                   | Med/Fast    | 5-7            |                |        |              | Ist-2nd         | Wet             | 0                                       |      |                                 | 1                         |
| Kniphofia 'Atlantia'                           |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   | SE                                 | fully                    | 1.2                        | Medium      | 4-6            | yellow & red   |        |              | 2nd-3rd         | М               | 0                                       |      |                                 |                           |
| Kniphofia 'Brimstone'                          |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   | SE                                 | fully                    | ı                          | Medium      | 7-11           | yellow         |        |              | 2nd-3rd         | М               | 0                                       |      |                                 |                           |
| Kniphofia caulescens                           |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   | Е                                  | fully                    | 0.75                       | Medium      | 6-10           | coral & cream  |        |              | 1st-2nd         | М               | 0                                       |      |                                 |                           |
| Kniphofia 'Jenny Bloom'                        |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5   | SE                                 | fully                    | 0.5 to 1                   | Medium      | 6-9            | coral          |        |              | 2nd-3rd         | М               | 0                                       |      |                                 |                           |
| Kniphofia 'Jenny Bloom'                        |                  | 5L                      | Full pot, fully rooted pot, 2 healthy crowns | 3   | SE                                 | fully                    | 0.5 to I                   | Medium      | 6-9            | coral          |        |              | 2nd-3rd         | М               | 0                                       |      |                                 |                           |
| Kniphofia 'Little Maid'                        |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | SE                                 | fully                    | 0.5                        | Medium      | 6-8            | cream          |        |              | lst             | М               | 0                                       |      |                                 |                           |
| Kniphofia 'Nancy's Red'                        |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   | E                                  | fully                    | ı                          | Medium      | 7-11           | red            |        |              | 1st-2nd         | М               | 0                                       |      |                                 |                           |
| Kniphofia 'Royal Standard'                     |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   | SE                                 | fully                    | 0.5 to I                   | Medium      | 6-9            | yellow& orange |        |              | 2nd-3rd         | М               | 0                                       |      |                                 |                           |
| Kniphofia 'Royal Standard'                     |                  | 5L                      | Full pot, fully rooted pot, 2 healthy crowns | 3   | SE                                 | fully                    | 0.5 to 1                   | Medium      | 6-8            | yellow& orange |        |              | 2nd-3rd         | М               | 0                                       |      |                                 |                           |
| Lamium maculatum 'Beacon Silver'               |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | SE                                 | fully                    | 0.3 max                    | Fast        | 4-5            | pink           |        |              | GC              | М               | 0                                       |      |                                 |                           |
| Lamium maculatum 'White Nancy' AGM             |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | SE                                 | fully                    | 0.3 max                    | Fast        | 5-6            | white          |        |              | GC              | М               | 0                                       |      |                                 |                           |
| Leptinella squalida 'Platts Black'             |                  | 2L                      | Full pot, fully rooted, healthy crown        | 7-8   |                                    | fully                    | 0.2                        | Med/Fast    | 4-5            | buff           |        |              | GC              | М               | 0                                       |      |                                 |                           |
| Ligularia dentat 'Desdemona' AGM               |                  | 2L                      | Full pot, fully rooted, healthy crown        | 2-3   |                                    | fully                    | 1.2                        | Fast        | 7-9            | yellow         |        | Bio          | 1st-2nd         | Wet             | 0                                       |      |                                 |                           |
| Liriope muscari AGM                            |                  | 2L                      | Full pot, fully rooted, healthy crown        | 6-7   |                                    | fully                    | 0.3-0.4                    | Med/Slow    | 8-11           | mauve          |        |              | GC              | М               | 0                                       |      |                                 |                           |
| Liriope muscari AGM                            |                  | 5L                      | Full pot, fully rooted pot, 2 healthy crowns | 4-5   |                                    | fully                    | 0.3-0.4                    | Med/Slow    | 8-11           | mauve          |        |              | GC              | М               | 0                                       |      |                                 |                           |
| Lythrum salicaria                              |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   |                                    | fully                    | 1.2                        | Fast        | 6-9            | purple         | Nat    | Bio          | 1st-2nd         | Wet             | 0                                       |      |                                 |                           |
| Nepeta faassenii 'Walkers Low'                 |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   |                                    | fully                    | 0.5                        | Fast        | 6-8            | blue           |        | Bio          | GC-1st          | М               | 0                                       |      |                                 |                           |
| Nepeta faassenii 'Walkers Low'                 | 30-40 dia        | 5L                      | Full pot, fully rooted pot                   | 3   |                                    | fully                    | 0.5                        | Medium      | 6-8            | blue           |        | Bio          | GC-1st          | М               | 0                                       |      |                                 |                           |
| Origanum laevigatum 'Herrenhausen' AGM         |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | SE                                 | fully                    | 0.5                        | Fast        | 6-9            | purple         |        | Bio          | GC-1st          | Dry             | 0                                       |      |                                 |                           |
| Penstemon 'Apple Blossom' AGM                  |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   | Е                                  | frost                    | 0.5 to 1                   | Medium      | 6-9            | pink/white     |        |              | 1st-2nd         | М               | 0                                       |      |                                 |                           |
| Penstemon ' Andenken an F.Hahn' ('Garnet') AGM |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   | Е                                  | frost                    | 0.5 to I                   | Medium      | 6-9            | red            |        |              | 1st-2nd         | М               | 0                                       |      |                                 |                           |

KEY Soil preference: ALK/CH = Alkaline (Chalky) AC= Acid M = Most types N = Neutral Hardiness: frost = to -8C fully = to -15@lantingthefuture.co.uk

Extremes: Particualr varieties will tolerate certain extreme conditions where indicated once established on site

| perennials                              | Spec21 size - cm | Spec21 pot size - Litre | Spec2l Specification                         | Suggested planting density per square metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Flower colour | Native | Bio diversiy | Design<br>layer | Soil preference | Sun/semi shade/full shade<br>preference | Dry conditions Wet conditions           | Exposed site Coastal conditions | Potentially harmful (RHS) |
|---|------------------|-------------------------|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|---------------|--------|--------------|-----------------|-----------------|---|---|---------------------------------|---------------------------|
| Persicaria affinis 'Darjeeling Red' AGM |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | SE                                 | fully                    | 0.3                        | Med/Fast    | 7-10           | pink/red      |        | Bio          | GC              | М               | 01                                      |   |                                 | 1                         |
| Persicaria bistorta 'Superba'           |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   |                                    | fully                    | 0.5 to I                   | Med/Fast    | 5-7            | pink          | Nat    |              | 1st-2nd         | Moist           | 0                                       | W                                       |                                 | 1                         |
| Phlomis russeliana AGM                  |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   |                                    | fully                    | ı                          | Medium      | 6-9            | yellow        |        |              | 1st-2nd         | Dry             | 0                                       | D                                       |                                 | 1                         |
| Phlomis tuberosa 'Amazone' AGM          |                  | 2L                      | Full pot, fully rooted, healthy crown        | 4-5   |                                    | fully                    | 1.2                        | Medium      | 6-7            | purple/pink   |        |              | 1st-2nd         | Dry             | 0                                       | D                                       |                                 | 1                         |
| Pratia pedunculata                      | 10-15 dia        | 2L                      | Full pot, fully rooted, healthy crown        | 6-7   | E                                  | frost                    | 0.2 max                    | Medium      | 6-10           | blue          |        |              | GC              | М               | 010                                     |   |                                 |                           |
| Pratia pedunculata 'Country Park'       | 10-15 dia        | 2L                      | Full pot, fully rooted, healthy crown        | 6-7   | E                                  | frost                    | 0.2 max                    | Medium      | 6-10           | dark blue     |        |              | GC              | М               | 010                                     |   |                                 |                           |
| Pulmonaria 'Sissinghurst White' AGM     |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   |                                    | fully                    | 0.5 max                    | Medium      | 3-4            | white         |        |              | GC              | М               | 010                                     |   |                                 |                           |
| Pulmonaria 'Sissinghurst White' AGM     |                  | 5L                      | Full pot, fully rooted pot, 2 healthy crowns | 4-5   |                                    | fully                    | 0.5 max                    | Medium      | 3-4            | white         |        |              | GC              | М               | 010                                     |   |                                 |                           |
| Rudbeckia fulgida 'Goldsturm' AGM       |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5   |                                    | fully                    | 0.5 to 1                   | Medium      | 6-9            | gold          |        | Bio          | I-2             | М               | 0                                       |   |                                 |                           |
| Rudbeckia fulgida 'Goldsturm' AGM       |                  | 5L                      | Full pot, fully rooted pot, 2 healthy crowns | 3   |                                    | fully                    | 0.5 to I                   | Medium      | 6-9            | gold          |        | Bio          | I-2             | М               | 0                                       |   |                                 |                           |
| Salvia officinalis 'Purpurescens' AGM   |                  | 3L                      | Full pot, fully rooted, healthy crown        | 4-5   | E                                  | fully                    | 0.5 to 1                   | Medium      |                |               |        | Bio          | I-2             | М               | 0                                       | D                                       | С                               |                           |
| Salvia x sylvestris 'Mainacht' AGM      |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5   | Е                                  | fully                    | 0.5 max                    | Medium      | 7-9            | dark blue     |        | Bio          | lst             | М               | 0                                       |   |                                 |                           |
| Salvia x sylvestris 'Ostfriesland' AGM  |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5   | Е                                  | fully                    | 0.5 max                    | Medium      | 7-9            | lavender      |        | Bio          | lst             | М               | 0                                       |   |                                 |                           |
| Sedum 'Herbstfreude' ('Autumn Joy') AGM |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   |                                    | fully                    | 0.5 max                    | Medium      | 9-10           | pink          |        | Bio          | lst             | М               | 0                                       |   |                                 |                           |
| Sedum 'Matrona'                         |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   |                                    | fully                    | 0.6 max                    | Medium      | 8-10           | pink          |        | Bio          | I-2             | М               | 0                                       |   |                                 |                           |
| Sisyrinchium striatum                   |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | Е                                  | fully                    | 0.5 max                    | Medium      | 6-8            | yellow        |        |              | GC-1st          | М               | 0                                       |   |                                 |                           |
| Sisyrinchium striatum                   |                  | 5L                      | Full pot, fully rooted, healthy crown        | 4   | E                                  | fully                    | 0.5 to 1                   | Medium      | 6-8            | yellow        |        |              | GC-1st          | М               | 0                                       |   |                                 |                           |
| Sisyrinchium striatum 'Aunt May'        |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | Е                                  | fully                    | 0.5 max                    | Medium      | 6-8            | yellow        |        |              | GC-1st          | М               | 0                                       |   |                                 |                           |
| Sisyrinchium striatum 'Aunt May'        |                  | 5L                      | Full pot, fully rooted, healthy crown        | 4   | E                                  | fully                    | 0.5 to 1                   | Medium      | 6-8            | yellow        |        |              | GC-1st          | М               | 0                                       |   |                                 |                           |
| Stachys byzantina 'Silver Carpet'       | 15-20 dia        | 2L                      | Full pot, fully rooted                       | 6   | Е                                  | fully                    | 0.2 max                    | Fast        |                |               |        |              | GC              | М               | 0                                       |   |                                 |                           |
| Stachys byzantina 'Silver Carpet'       | 20-30 dia        | 5L                      | Full pot, fully rooted                       | 3   | Е                                  | fully                    | 0.2 max                    | Fast        |                |               |        |              | GC              | М               | 0                                       |   |                                 |                           |
| Tiarella cordifolia AGM                 |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | Е                                  | fully                    | 0.3 max                    | Fast        | 4-6            | white         |        |              | GC              | М               | 010                                     |   |                                 |                           |
| Tellima grandiflora                     |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5   | Е                                  | fully                    | 0.8                        | Fast        | 5-7            | cream         |        |              | GC-1st          | М               | 010                                     | *************************************** |                                 |                           |
| Thymus varieties                        |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | Е                                  | fully                    | 0.2 max                    | Medium      | 5-6            | pink, white   | Nat    | Bio          | GC              | М               | 0                                       |   |                                 |                           |
| Verbena bonariensis AGM                 |                  | 2L                      | Full pot, fully rooted, healthy crown        | 6   | SE                                 | frost                    | 1.5 max                    | 1edium/Fas  | 6-9            | Lilac         |        | Bio          | 3-4             | М               | 0                                       |   |                                 |                           |
| Waldsteinia ternata                     |                  | 2L                      | Full pot, fully rooted, healthy crown        | 5-6   | Е                                  | fully                    | 0.2 max                    | 1edium/Fas  | 4-5            | yellow        |        |              | GC              | М               | 010                                     |   |                                 |                           |
| Zantedeschia 'Crowborough' AGM          |                  | 2L                      | Full pot, fully rooted, healthy crown        | 6   |                                    | frost                    | ı                          | Medium      | 6-8            | white         |        |              | 2nd             | Wet             | 0                                       |   |                                 | 1                         |
| Zantedeschia 'Crowborough' AGM          |                  | 5L                      | Full pot, fully rooted, healthy crown        | 3   |                                    | frost                    | ı                          | Medium      | 6-8            | white         |        |              | 2nd             | Wet             | 0                                       |   |                                 | 1                         |

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Soil preference: ALK/CH = Alkaline (Chalky) AC= Acid M = Most types N = Neutral Hardiness: frost = to -8C fully = to -15C + plantingthefuture.co.ul

Design layers (mature height): GC = 20-30cm 1st = 30-60cm 2nd = 60-90cm 3rd = 90-150cm 4th = 150cm +

Extremes: Particualr varieties will tolerate certain extreme conditions where indicated once established on site

Native: as defined by Natural History Museum

Bio diversity: provides natural habit/food for insects and birdlife

Spec 21

21st century specifications for contemporary landscape plants

climbers-ferns-grasses-groundcover-perennials-shrubs



#### shrubs

Using the right materials is key to the quality and longevity of any project. Providing accurate and detailed specifications is the first step to defining project expectations. A landscape shrub should arrive on site with all the ingredients needed to initiate and maximise establishment and further growth. This means a fresh, bushy, robust plant with a well formed structure from which will come new growth to create a full, well structured shape.

The 'breaks' referred to in these specifications are branches or shoots which form the structure of the plant, These can occur naturally but are formed when the plants are cut back or pruned as part of our nursery procedures. Therefore the number of breaks a plant achieves is indicative of the horticultural care and attention it has received. Whilst height and spread is a consideration, it is not, unless for a specific reason, as important as the structure.

2 litre is the minimum pots size for a worthwhile landscape shrub.. Plants grown in 1 or 1.5 litre pots will not have had the opportunity to form a proper mature structure and are invariably grown without enough space to prevent the plants falling over. Shrubs in 11 or 9 cm unless specifically required for a specialised project, are just youngsters best left with the nurseryman to grow on to suitable maturity. Once mulch is applied, small plants can really struggle especially as the top layer of mulch can be significantly colder than soil in cold weather.

Badly specified and poor quality shrub material results in higher losses and a significant increase in the time and cost achieving a mature planting. If there are budget constraints, we recommend contact with the grower for practical and effect solutions

AGM denotes the Royal Horticultural Society's 'Award of Garden Merit' Potentially harmful: refers to harmful to humans further information from RHS

What to look for: fresh foliage (seasonally dependent), no old leggy growth. The number of breaks creating a sound basic structure with plenty of potential growth. A plant that is in proportion to the pot (not too tall and sparse or too small and ill formed) Pest, disease and weed free plants with vine weevil control incorporated in the compost. I 2-14 months of controlled release fertiliser to aid establishment and ensure the plant has the best possible start.



**Substitutions:** Alternative plants, do, at times, have to be considered. The reasons may be realistic commercial availability, horticultural and quality concerns and the time of year of installation. We recommend entering into dialogue with the grower to get the best advice and expertise to meet your design aspirations and delivery

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Whilst every effort has been made to ensure the information is accurate—please contact us with comments and suggestions for the inclusion in the next revision

| shrubs                                      | Spec21 size -<br>cm | Spec21 pot size - Litre | Bare Root (in season) | Spec21 Specification -<br>breaks(branches) should be in the lower<br>third | Suggested planting density per<br>square metre | Hedging suggested no. per<br>linear metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Native | Bio diversiy | DesiGCn<br>layer | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions Very wet conditions | Exposed site Coastal conditions | Potentially harmful (RHS) |
|---|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|--------|--------------|------------------|-----------------|---|---|---------------------------------|---------------------------|
| Abelia grandiflora AGM                      | 30-40               | 3L                      |                       | Branched, min 3 breaks   | 4-5  | 3-4                                       | SE                                 | fully                    | 0.5 to 1,5                 | Medium      | 7-9            |        |              | Ist-2nd          | М               | 0                                       | D                                       | С                               |                           |
| Abelia grandiflora AGM                      | 40-60               | 5L                      |                       | Branched, min 5 breaks   | 3  |   | SE                                 | fully                    | 0.5 to 1.5                 | Medium      | 7-9            |        |              | Ist-2nd          | М               | 0                                       | D                                       | С                               |                           |
| Amelanchier lamarkii AGM                    | 60-80               | 3L                      |                       | Branched, min 3 breaks   | 4-5  |   |                                    | fully                    | 0.5 to 1.5                 | Medium      | 4-5            |        |              | 3rd-4th          | M-AC            | 0                                       | W                                       | /                               |                           |
| Amelanchier lamarkii AGM                    | 60-80               | 5L                      |                       | Branched, min 5 breaks   | 2-3  |   |                                    | fully                    | 10                         | Medium      | 4-5            |        |              | 3rd-4th          | M-AC            | 0                                       | W                                       | /                               |                           |
| Amelanchier lamarkii AGM                    | 80-100              | I OL                    |                       | Branched, min 6 breaks   | 4-5  |   |                                    | fully                    | 10                         | Medium      | 4-5            |        |              | 3rd-4th          | M-AC            | 0                                       | W                                       | /                               |                           |
| Amelanchier lamarkii AGM                    | 125-150             | I5L                     |                       | Branched, min 8 breaks   | I  |   |                                    | fully                    | 10                         | Medium      | 4-5            |        |              | 3rd-4th          | M-AC            | 0                                       | W                                       | 1                               |                           |
| Amelanchier lamarkii AGM                    | 150-175             | 25L                     |                       | Branched, min 8-10 breaks  | I  |   |                                    | fully                    | 10                         | Medium      | 4-5            |        |              | 3rd-4th          | M-AC            | 0                                       | W                                       | /                               |                           |
| Aucuba japonica 'Crotonifolia' AGM          | 30-40               | 3L                      |                       | Bushy, min 3 breaks  | 4-5  | 4-5                                       | E                                  | fully                    | 1.5 to 1.8                 | Medium      | 4-5            |        | Bio          | 3rd              | М &СН           | 0                                       |   |                                 |                           |
| Aucuba japonica 'Crotonifolia' AGM          | 40-50               | 5L                      |                       | Bushy, min 4 breaks  | 2-3  | 3-4                                       | Е                                  | fully                    | 1.5 to 1.8                 | Medium      | 4-5            |        | Bio          | 3rd              | M &CH           | 0                                       |   |                                 |                           |
| Aucuba japonica 'Crotonifolia' AGM          | 60-80               | I OL                    |                       | Bushy, min 5 breaks  | I  | 2   | E                                  | fully                    | 1.5 to 1.8                 | Medium      | 4-5            |        | Bio          | 3rd              | М &СН           | 0                                       |   |                                 |                           |
| Berberis x frikartii 'Amstelveen' AGM       | 25-30               | 3L                      |                       | Bushy, min 4 breaks  | 4-5  |   | Е                                  | fully                    | 0.6 to 0.9                 | Fast        | 4-5            |        | Bio          | 2nd              | M &CH           | 0                                       | D                                       | Е                               |                           |
| Berberis x frikartii 'Amstelveen' AGM       | 30-40               | 5L                      |                       | Bushy, min 7 breaks  | 2-3  |   | E                                  | fully                    | 0.6 to 0.9                 | Fast        | 4-5            |        | Bio          | 2nd              | М &СН           | 0                                       | D                                       | E                               |                           |
| Berberis gagnepanii 'Lancifolia'            | 30-40               | 3L                      |                       | Bushy, min 6 breaks  | 4.5  | 4-5                                       | E                                  | fully                    | I to 1.2                   | Medium      | 5              |        | Bio          | 2nd              | M &CH           | 0                                       |   |                                 |                           |
| Berberis gagnepanii 'Lancifolia'            | 40-60               | 5L                      |                       | Bushy, min 8 breaks  | 2-3  | 3-4                                       | Е                                  | fully                    | I to 1.2                   | Medium      | 5              |        | Bio          | 2nd              | M &CH           | 0                                       |   |                                 |                           |
| Berberis ottowensis 'Superba'               | 40-60               | 3L                      |                       | Bushy, min 4 breaks  | 4-5  | 4-5                                       |                                    | fully                    | 1.5 to 3                   | Fast        | 5              |        | Bio          | 3rd              | M &CH           | 0                                       |   |                                 |                           |
| Berberis ottowensis 'Superba'               | 60-80               | 5L                      |                       | Bushy, min 6 breaks  | 3-4  | 3-4                                       |                                    | fully                    | 1.5 to 3                   | Fast        | 5              |        | Bio          | 3rd              | M &CH           | 0                                       |   |                                 |                           |
| Berberis x stenophylla AGM                  | 40-60               | 3L                      |                       | Bushy, min 4 breaks  | 4-5  | 3-4                                       | Е                                  | fully                    | 1.5 to 2                   | Fast        | 4-5            |        | Bio          | 3rd              | M &CH           | 0                                       | D                                       | С                               |                           |
| Berberis x stenophylla AGM                  | 60-80               | 5L                      |                       | Bushy, min 6 breaks  | 2-3  | 2-3                                       | E                                  | fully                    | 1.5 to 2                   | Fast        | 4-5            |        | Bio          | 3rd              | M &CH           | 0                                       | D                                       | С                               |                           |
| Berberis thunbergii 'Atropurpurea'          | 30-40               | 3L                      |                       | Branched, min 5 breaks   | 4-5  | 4-5                                       |                                    | fully                    | 1.5 to 2                   | Fast        | 4-5            |        | Bio          | 3rd              | M &CH           | 0                                       |   | С                               |                           |
| Berberis thunbergii 'Atropurpurea'          | 40-60               | 5L                      |                       | Branched, min 7 breaks   | 2-3  | 3-4                                       |                                    | fully                    | 1.5 to 3                   | Fast        | 4-5            |        | Bio          | 3rd              | M &CH           | 0                                       |   |                                 |                           |
| Berberis thunbergii 'Atropurpurea'          | 60-80               | I OL                    |                       | Branched, min 9 breaks   | 1-2  | 2-3                                       |                                    | fully                    | 1.5 to 3                   | Fast        | 4-5            |        | Bio          | 3rd              | M &CH           | 0                                       |   |                                 |                           |
| Berberis thunbergii 'Atropurpurea Nana' AGM | 15-20               | 3L                      |                       | Branched, min 4 breaks   | 4-5  | 5-6                                       |                                    | fully                    | 0.5 to 0.6                 | Slow        | 5              |        | Bio          | İst              | M &CH           | 0                                       |   |                                 |                           |
| Berberis thunbergii 'Atropurpurea Nana' AGM | 20-30               | 5L                      |                       | Branched, min 6 breaks   | 3-4  | 3-4                                       |                                    | fully                    | 0.5 to 0.6                 | Slow        | 5              |        | Bio          | lst              | М &СН           | 0                                       |   |                                 |                           |
| Berberis thunbergii 'Atropurpurea Nana' AGM | 30-40               | I0L                     |                       | Branched, min 6 breaks   | 2  | 3-4                                       |                                    | fully                    | 0.5 to 0.6                 | Slow        | 5              |        | Bio          | lst              | M &CH           | 0                                       |   |                                 |                           |
| Berberis thunbergii 'Bagatelle' AGM         | 15-20               | 3L                      |                       | Bushy, min 5 breaks  | 4-5  |   |                                    | fully                    | 0.5 max                    | Slow        | 5              |        | Bio          | İst              | М               | 0                                       |   |                                 |                           |
| Berberis thunbergii 'Bagatelle' AGM         | 20-30               | 5L                      |                       | Bushy, min 8 breaks  | 2-3  |   |                                    | fully                    | 0.5 max                    | Slow        | 5              |        | Bio          | lst              | М               | 0                                       |   |                                 |                           |
| Berberis thunbergii 'Green Carpet'          | 20-30 dia           | 3L                      |                       | Branched, min 4 breaks   | 4-5  |   |                                    | fully                    | 0.6 to 0.9                 | Medium      | 5              |        | Bio          | GC               | M to AC         | 0                                       |   | E C                             |                           |
| Berberis thunbergii 'Green Carpet'          | 30-40 dia           | 5L                      |                       | Branched, min 6 breaks   | 2-3  |   |                                    | fully                    | 0.6 to 0.9                 | Medium      | 5              |        | Bio          | GC               | M to AC         | 0                                       |   | E C                             |                           |

KEY Soil preference: ALK/CH = Alkaline (Chalky) AC= Acid M = Most Hardiness: frost = to -8C fully = to -15C +

Design layers (mature height): GC = 20-30cm 1st = 30-60cm 2nd = 60-90cm 3rd = 90-150cm 4th = 150cm + Extremes: Particualr varieties will tolerate certain extreme conditions where indicated once established on site Native: as defined by Natural History Museum Bio diversity: provides natural habit/food for insects and birdlife

 $planting {\color{red} \textbf{the future.} co.uk}$ 



| shrubs   | Spec21 size -<br>cm | Spec21 pot size - Litre | Bare Root (in season) | Spec21 Specification -<br>breaks(branches) should be in the lower<br>third | Suggested planting density per<br>square metre | Hedging suggested no. per<br>linear metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Native | Bio diversiy | DesiGCn<br>layer | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions Very wet conditions | Exposed site | Coastal conditions Potentially harmful (RHS) |
|--|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|--------|--------------|------------------|-----------------|---|---|--------------|--|
| Brachyglottis greyii 'Sunshine' (ex Senecio) AGM | 30-40               | 3L                      |                       | Branched, min 4 breaks   | 4-5  |   | Е                                  | frost                    | 0.9 to 1.2                 | Medium      | 6-7            | Nat    |              | 2nd -3rd         | М               | 01                                      |   | Е            | С  |
| Brachyglottis greyii 'Sunshine' (ex Senecio) AGM | 40-60               | 5L                      |                       | Branched, min 6 breaks   | 2-3  |   | E                                  | frost                    | 0.9                        | Medium      | 6-7            | Nat    |              | 2nd -3rd         | М               | 01                                      |   | Е            | С  |
| Brachyglottis monroi 'Drysdale' (ex Senecio)     | 30-40               | 3L                      |                       | Branched, min 4 breaks   | 4-5  | 3-4                                       | E                                  | frost                    | 0.9                        | Medium      | 6-7            | Nat    |              | 2nd -3rd         | М               | 01                                      |   | Е            | С  |
| Brachyglottis monroi 'Drysdale' (ex Senecio)     | 40-60               | 5L                      |                       | Branched, min 6 breaks   | 2-3  | 2-3                                       | E                                  | frost                    | 0.9                        | Medium      | 6-7            | Nat    |              | 2nd -3rd         | М               | 0                                       |   | Е            | С  |
| Brachyglottis monroi 'Drysdale' (ex Senecio)     | 60+                 | I OL                    |                       | Branched, min 8 breaks   | I-2  |   | E                                  | frost                    | 0.9                        | Medium      | 6-7            | Nat    |              | 2nd -3rd         | М               | 01                                      |   | Е            | С  |
| Buddlieja alternifolia AGM                       | 40-60               | 3L                      |                       | Branched, min 3 breaks   | 3  |   |                                    | fully                    | 3 to 4                     | Fast        | 6              |        | Bio          | 3rd-4th          | M & CH          | 0                                       | D                                       |              |  |
| Buddlieja alternifolia AGM                       | 60-80               | 5L                      |                       | Branched, min 4 breaks   | 2  |   |                                    | fully                    | 3 to 4                     | Fast        | 6              |        | Bio          | 3rd-4th          | M & CH          | 0                                       | D                                       |              |  |
| Buddlieja varieties                              | 40-60               | 3L                      |                       | Branched, min 3 breaks   | 3  |   |                                    | fully                    | 1.5 to 3                   | Med to fast | 6              |        | Bio          | 3rd-4th          | M & CH          | 0                                       | D                                       |              |  |
| Buxus microphylla 'Faulkner'                     | 30-40               | 3L                      |                       | Bushy, multi breaks  | 4-5  | 5   | E                                  | fully                    | 2                          | Medium      |                |        | Bio          | 3rd              | M & CH          | 010                                     | D                                       | Е            | С  |
| Buxus microphylla 'Faulkner'                     | 30-40               | 5L                      |                       | Bushy, multi breaks  | 2-3  | 3   | E                                  | fully                    | 2                          | Medium      |                |        | Bio          | 3rd              | M & CH          | 010                                     | D                                       | Е            | С  |
| Buxus sempervirens AGM                           | 15-20               | 2L                      |                       | Bushy, min 4 breaks  | 6-7  | 6-7                                       | E                                  | fully                    | 1.5 to 3                   | Slow        |                | Nat    | Bio          | 3rd              | M & CH          | 010                                     | D                                       | Е            | С  |
| Buxus sempervirens AGM                           | 20-30               | 3L                      |                       | Bushy, min 6 breaks  | 4-5  | 5   | E                                  | fully                    | 1.5 to 3                   | Slow        |                | Nat    | Bio          | 3rd              | M & CH          | 010                                     | D                                       | Е            | С  |
| Buxus sempervirens AGM                           | 30-40               | 5L                      |                       | Bushy, min 8 breaks  | 2-3  | 3   | Е                                  | fully                    | 1.5 to 3                   | Slow        |                | Nat    | Bio          | 3rd              | M & CH          | 010                                     | D                                       | E            | С  |
| Buxus sempervirens AGM                           | 40-60               | I OL                    |                       | Bushy, min 10 breaks   | 2  | 2   | E                                  | fully                    | 1.5 to 3                   | Slow        |                | Nat    | Bio          | 3rd              | M & CH          | 010                                     | D                                       | E            | С  |
| Buxus sempervirens 'Suffruiticosa' AGM           | 20-30               | 3L                      |                       | Bushy, min 6 breaks  | 8  | 8   | E                                  | fully                    | max 0.5                    | Slow        |                | Nat    | Bio          | GC-1st           | M & CH          | 0                                       | D                                       | Е            | С  |
| Buxus sempervirens 'Suffruiticosa' AGM           | 30-40               | 5L                      |                       | Bushy, min 8 breaks  | 5  | 6   | Е                                  | fully                    | max 0.5                    | Slow        |                | Nat    | Bio          | GC-1st           | M & CH          | 0                                       | D                                       | Е            | С  |
| Calluna vulgaris                                 | 15-20               | 2L                      |                       | Bushy, multi breaks  | 6-8  |   | E                                  | fully                    | 0.5                        | Slow        | 7-11           | Nat    | Bio          | GC               | M - AC          | 0                                       | V                                       | / E          |  |
| Camelia varieties                                | 40-60               | 5L                      |                       | Leader with laterals   | 3  |   | E                                  | fully                    | I to 3                     | Medium      | 3-4            |        |              | 2nd-3rd          | M - AC          | 10                                      |   |              |  |
| Ceanothus 'Blue Mound' AGM                       | 30-40 dia           | 3L                      |                       | Bushy, min 5 breaks  | 4-5  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      | 5-6            |        | Bio          | 2nd -4th         | M & CH          | 0                                       | D                                       |              | С  |
| Ceanothus 'Blue Mound' AGM                       | 30-40 dia           | 5L                      |                       | Bushy, min 6 breaks  | 2-3  |   | Е                                  | fully                    | 0.5 to 1.5                 | Medium      | 5-6            |        | Bio          | 2nd -3rd         | M & CH          | 0                                       | D                                       |              | С  |
| Ceanothus 'Blue Mound' AGM                       | 40-60 dia           | I OL                    |                       | Bushy, min 6 breaks  | 1-2  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      | 5-6            |        | Bio          | 2nd -3rd         | M & CH          | 0                                       | D                                       |              | С  |
| Ceanothus 'Concha' AGM                           | 40-60               | 3L                      |                       | Leader with laterals   | 3-4  |   | E                                  | frost                    | I to 1.5                   | Fast        | 5-6            |        | Bio          | 3rd              | М               | 0                                       |   |              | С  |
| Ceanothus thyrsiflorus var repens AGM            | 30-40 dia           | 3L                      |                       | Bushy, min 5 breaks  | 4-5  |   | E                                  | fully                    | 0.5 to 1.5                 | Fast        | 5-6            |        | Bio          | 2nd -3rd         | M & CH          | 0                                       | D                                       |              | С  |
| Ceanothus thyrsiflorus var repens AGM            | 30-40 dia           | 5L                      |                       | Bushy, min 6 breaks  | 2-3  |   | E                                  | fully                    | 0.5 to 1.5                 | Fast        | 5-6            |        | Bio          | 2nd -3rd         | M & CH          | 0                                       | D                                       |              | С  |
| Ceanothus thyrsiflorus var repens AGM            | 40-60 dia           | I OL                    |                       | Bushy, min 6 breaks  | 1-2  |   | E                                  | fully                    | 0.5 to 1.5                 | Fast        | 5-6            |        | Bio          | 2nd -3rd         | M & CH          | 0                                       | D                                       |              | С  |
| Ceanothus thyrsiflorus 'Victoria'                | 30-40               | 3L                      |                       | Bushy, min 5 breaks  | 3-4  |   | E                                  | fully                    | 2                          | Fast        | 5-6            |        | Bio          | 2nd -3rd         | М               | 0                                       |   |              | С  |
| Ceanothus thyrsiflorus 'Victoria'                | 40-60               | 5L                      |                       | Bushy, min 6 breaks  | 2-3  |   | Е                                  | fully                    | 2                          | Fast        | 5-6            |        | Bio          | 2nd -3rd         | М               | 0                                       |   |              | С  |
| Ceanothus thyrsiflorus 'Victoria'                | 60-80               | I OL                    |                       | Bushy, min 6 breaks  | I-2  |   | E                                  | fully                    | 2                          | Fast        | 5-6            |        | Bio          | 2nd -3rd         | М               | 0                                       |   |              | С  |

**Design layers** (mature height): GC = 20-30cm 1st = 30-60cm 2nd = 60-90cm 3rd = 90-150cm 4th = 150cm + F = Featrure plant Extremes: Particualr varieties will tolerate certain extreme conditions where indicated once established on site

Native: as defined by Natural History Museum Bio diversity: provides natural habit/food for insects and birdlife

shrubs Page 3 of 19

| shrubs                                     | Spec21 size -<br>cm | Spec21 pot size - Litre | Bare Root (in season) | Spec21 Specification -<br>breaks(branches) should be in the lower<br>third | Suggested planting density per<br>square metre | Hedging suggested no. per<br>linear metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Native | Bio diversiy | DesiGCn<br>layer | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions Very wet conditions | Exposed site  Coastal conditions | Potentially harmful (RHS) |
|--|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|--------|--------------|------------------|-----------------|---|---|----------------------------------|---------------------------|
| Chaenomeles x superba 'Crimson & Gold' AGM | 30-40               | 3L                      |                       | Leader with laterals   | 3-4  |   |                                    | fully                    | 1.5 to 3                   | Medium      |                |        | Bio          | 3rd-4th          | М               | 01                                      |   | Е                                |                           |
| Chaenomeles x superba 'Crimson & Gold' AGM | 40-60               | 5L                      |                       | Leader with laterals   | 2-3  |   |                                    | fully                    | 1.5 to 3                   | Medium      |                |        | Bio          | 3rd-4th          | М               | 01                                      |   | E                                |                           |
| Chaenomeles x superba 'Nicolene'           | 30-40               | 3L                      |                       | Leader with laterals   | 3-4  |   |                                    | fully                    | 0.5 to 1.5                 | Medium      | 3              |        | Bio          | 2nd -3rd         | M - AC          | 0                                       | W                                       | E                                |                           |
| Chaenomeles x superba 'Nicolene'           | 40-60               | 5L                      |                       | Leader with laterals   | 2-3  |   |                                    | fully                    | 0.5 to 1.5                 | Medium      | 3              |        | Bio          | 2nd -3rd         | M - AC          | 0                                       | W                                       | E                                |                           |
| Choisya 'Aztec Pearl'                      | 30-40               | 3L                      |                       | Bushy, min 5 breaks  | 4-5  | 4-5                                       | Е                                  | frost                    | 0.5 to 1.5                 | Medium      | 5              |        | Bio          | 2nd              | М               | 01                                      | D                                       |                                  |                           |
| Choisya 'Aztec Pearl'                      | 40-60               | 5L                      |                       | Bushy, min 5 breaks  | 2-3  | 3   | Е                                  | frost                    | 0.5 to 1.5                 | Medium      | 5              |        | Bio          | 2nd              | М               | 01                                      | D                                       |                                  |                           |
| Choisya ternata AGM                        | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 4-5  | 4-5                                       | Е                                  | fully                    | 1.5 to 3                   | Medium      | 5-6            |        | Bio          | 3rd-4th          | М               | 010                                     | D                                       | С                                |                           |
| Choisya ternata AGM                        | 40-60               | 5L                      |                       | Bushy, min 5 breaks  | 2-3  | 3   | Е                                  | fully                    | 1.5 to 3                   | Medium      | 5-6            |        | Bio          | 3rd-4th          | M               | 010                                     | D                                       | С                                |                           |
| Choisya ternata AGM                        | 40-60               | I OL                    |                       | Bushy, min 7 breaks  | 1-2  | 2   | Е                                  | fully                    | 1.5 to 3                   | Medium      | 5-6            |        | Bio          | 3rd-4th          | М               | 010                                     | D                                       | С                                |                           |
| Choisya ternata 'Lich' ('Sundance') AGM    | 30-40               | 3L                      |                       | Bushy, min. 4 breaks   | 4-5  |   | Е                                  | frost                    | 0.5 to 1.5                 | Slow        | 5-6            |        | Bio          | 2nd -3rd         | М               | 0                                       | D                                       |                                  |                           |
| Choisya ternata 'Lich' ('Sundance') AGM    | 40-50               | 5L                      |                       | Bushy, min. 5 breaks   | 2-3  |   | Е                                  | frost                    | 0.5 to 1.5                 | Slow        | 5-6            |        | Bio          | 2nd -3rd         | М               | 0                                       | D                                       |                                  |                           |
| Choisya ternata 'Lich' ('Sundance') AGM    | 50-70               | I OL                    |                       | Bushy, min. 7 breaks   | 1-2  |   | E                                  | frost                    | 0.5 to 1.5                 | Slow        | 5-6            |        | Bio          | 2nd -3rd         | М               | 0                                       | D                                       |                                  |                           |
| Cistus x hybridus (corbariensis)           | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 3-4  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      | 6-7            |        |              | Ist - 3rd        | M & CH          | 0                                       | D                                       | С                                |                           |
| Cistus 'Silver Pink' AGM                   | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 4-5  |   | Е                                  | frost                    | 0.5 to 1.5                 | Medium      | 6-7            |        |              | Ist - 3rd        | M & CH          | 0                                       | D                                       | С                                |                           |
| Convolvulus cneorum AGM                    | 20-30 dia           | 2L                      |                       | Bushy, min 4 breaks  | 5-6  |   | Е                                  | frost                    | 0.5 to 0.9                 | Medium      | 6-8            |        |              | lst - 2nd        | М               | 0                                       | D                                       |                                  |                           |
| Cornus alba 'Aurea' AGM                    | 40-60               | 3L                      |                       | Branched, min 3 breaks   | 3-4  |   |                                    | fully                    | 1.5 to 3                   | Fast        | 5-6            |        | Bio          | 3rd-4th          | М               | 01                                      | W                                       | E                                |                           |
| Cornus alba 'Aurea' AGM                    | 60-80               | 5L                      |                       | Branched, min 5 breaks   | 2-3  |   |                                    | fully                    | 1.5 to 3                   | Fast        | 5-6            |        | Bio          | 3rd-4th          | М               | 01                                      | W                                       | Е                                |                           |
| Cornus alba 'Aurea' AGM                    | 80-100              | I OL                    |                       | Branched, min 5 breaks   | I-2  |   |                                    | fully                    | 1.5 to 3                   | Fast        | 5-6            |        | Bio          | 3rd-4th          | М               | 01                                      | W                                       | Е                                |                           |
| Cornus alba 'Sibirica' AGM                 | 40-60               | 3L                      |                       | Branched, min 4 breaks   | 4-5  |   |                                    | fuly                     | 1.5 to 3                   | Fast        | 5-6            |        | Bio          | 3rd-4th          | М               | 01                                      | W                                       | Е                                |                           |
| Cornus alba 'Sibirica' AGM                 | 60-80               | 5L                      |                       | Branched, min 5 breaks   | 2-3  |   |                                    | fully                    | 1.5 to 3                   | Fast        | 5-6            |        | Bio          | 3rd-4th          | М               | 01                                      | W                                       | Е                                |                           |
| Cornus alba 'Sibirica' AGM                 | 80-100              | I OL                    |                       | Branched, min 5 breaks   | I-2  |   |                                    | fully                    | 1.5 to 3                   | Fast        | 5-6            |        | Bio          | 3rd-4th          | М               | 01                                      | W                                       | Е                                |                           |
| Cornus alba 'Spaethii' AGM                 | 40-60               | 3L                      |                       | Branched, min 4 breaks   | 4-5  |   |                                    | fully                    | 3 to 5                     | Medium      | 5-6            |        | Bio          | 4th              | М               | 01                                      | W                                       | Е                                |                           |
| Cornus alba 'Spaethii' AGM                 | 60-80               | 5L                      |                       | Branched, min 5 breaks   | 2-3  |   |                                    | fully                    | 3 to 5                     | Medium      | 5-6            |        | Bio          | 4th              | М               | 0                                       | W                                       | Е                                |                           |
| Cornus alba 'Spaethii' AGM                 | 80-100              | I OL                    |                       | Branched, min 5 breaks   | I-2  |   |                                    | fully                    | 3 to 5                     | Medium      | 5-6            |        | Bio          | 4th              | М               | 0                                       | W                                       | Е                                |                           |
| Cornus alba 'Elegantissima' AGM            | 40-60               | 3L                      |                       | Branched, min 4 breaks   | 4-5  |   |                                    | fully                    | 3 to 5                     | Fast        | 5-6            |        | Bio          | 4th              | М               | 01                                      | W                                       | Е                                |                           |
| Cornus alba 'Elegantissima' AGM            | 60-80               | 5L                      |                       | Branched, min 5 breaks   | 2-3  |   |                                    | fully                    | 3 to 5                     | Fast        | 5-6            |        | Bio          | 4th              | М               | 01                                      | W                                       | Е                                |                           |
| Cornus alba 'Elegantissima' AGM            | 80-100              | I OL                    |                       | Branched, min 5 breaks   | 1-2  |   |                                    | fully                    | 3 to 5                     | Fast        | 5-6            |        | Bio          | 4th              | М               | 01                                      | W                                       | E                                | T                         |

KEY Soil preference: ALK/CH = Alkaline (Chalky) AC= Acid M = Most types Hardiness: frost = to -8C fully = to -15C +

 $\textbf{Design layers} \ (\text{mature height}) : GC = 20\text{-}30\text{cm} \quad 1\text{st} = 30\text{-}60\text{cm} \quad 2\text{nd} = 60\text{-}90\text{cm} \quad 3\text{rd} = 90\text{-}150\text{cm} \quad 4\text{th} = 150\text{cm} + \quad F = Feature \ plant$ 

Extremes: Particualr varieties will tolerate certain extreme conditions where indicated once established on site Native: as defined by Natural History Museum Bio diversity: provides natural habit/food for insects and birdlife



| shrubs                               | Spec2I size -<br>cm | Spec21 pot size - Litre | Bare Root (in season) | Spec21 Specification -<br>breaks(branches) should be in the lower<br>third | Suggested planting density per<br>square metre | Hedging suggested no. per<br>linear metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Native | Bio diversiy | DesiGCn<br>layer | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions | Very wet conditions<br>Exposed site | Coastal conditions Potentially harmful (RHS) |
|--------------------------------------|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|--------|--------------|------------------|-----------------|---|---------------------|-------------------------------------|--|
| Cornus alba 'Ivory Halo'             | 30-40               | 3L                      |                       | Branched, min 7 breaks   | 4-5  |   |                                    | fully                    | 1.5 to 2                   | Fast        | 5-6            |        | Bio          | 3rd-4th          | М               | 01                                      | \                   | W E                                 |  |
| Cornus alba 'Ivory Halo'             | 40-60               | 5L                      |                       | Branched, min 9 breaks   | 2-3  |   |                                    | fully                    | 1.5 to 2                   | Fast        | 5-6            |        | Bio          | 3rd-4th          | М               | 01                                      | \                   | W E                                 |  |
| Cornus alba 'Ivory Halo'             | 60-80               | I OL                    |                       | Branched, min 11 breaks  | 1-2  |   |                                    | fully                    | 1.5 to 2                   | Fast        | 5-6            |        | Bio          | 3rd-4th          | М               | 01                                      | \                   | W E                                 |  |
| Cornus sanguinea 'Midwinter Fire"    | 30-40               | 3L                      |                       | Branched, min 5 breaks   | 4-5  |   |                                    | fully                    | 1.5 to 2                   | Medium      | 5-6            | Nat    | Bio          | 3rd-4th          | М               | 01                                      | ١                   | W E                                 |  |
| Cornus sanguinea 'Midwinter Fire"    | 40-60               | 5L                      |                       | Branched, min 7 breaks   | 2-3  |   |                                    | fully                    | 1.5 to 2                   | Medium      | 5-6            | Nat    | Bio          | 3rd-4th          | М               | 01                                      | \                   | W E                                 |  |
| Cornus sanguinea 'Midwinter Fire"    | 60-80               | I OL                    |                       | Branched, min 7 breaks   | 1-2  |   |                                    | fully                    | 1.5 to 2                   | Medium      | 5-6            | Nat    | Bio          | 3rd-4th          | М               | 01                                      | \                   | W E                                 |  |
| Cornus stolonifera 'Flaviramea'      | 40-60               | 3L                      |                       | Branched, min 4 breaks   | 3-4  |   |                                    | fully                    | 1.5 to 3                   | Fast        | 5-6            |        | Bio          | 3rd-4th          | М               | 01                                      | ١                   | W E                                 |  |
| Cornus stolonifera 'Flaviramea'      | 60-80               | 5L                      |                       | Branched, min 5 breaks   | 2-3  |   |                                    | fully                    | 1.5 to 3                   | Fast        | 5-6            |        | Bio          | 3rd-4th          | М               | 01                                      | \                   | W E                                 |  |
| Cornus stolonifera 'Flaviramea'      | 80-100              | I OL                    |                       | Branched, min 6 breaks   | 1-1.5  |   |                                    | fully                    | 1.5 to 3                   | Fast        | 5-6            |        | Bio          | 3rd-4th          | М               | 01                                      | \                   | W E                                 |  |
| Cornus stolonifera 'Kelseyi'         | 20-30               | 3L                      |                       | Several shoot, min 3 breaks  | 5-6  |   |                                    | fully                    | 0.5 to I                   | Slow        | 5-6            |        | Bio          | lst              | М               | 01                                      | ١                   | W E                                 |  |
| Cotinus coggygria 'Grace"            | 30-40               | 3L                      |                       | Branched, min 3 breaks   | 4-5  |   |                                    | fully                    | 3 to 5                     | Med/Fast    | 6-7            |        |              | 3rd-4th          | М               | 01                                      |                     |                                     |  |
| Cotinus coggygria 'Grace"            | 40-60               | 5L                      |                       | Branched, min 4 breaks   | 2-3  |   |                                    | fully                    | 3 to 5                     | Med/Fast    | 6-7            |        |              | 3rd-4th          | М               | 01                                      |                     |                                     |  |
| Cotinus coggygria 'Grace"            | 60-90               | I OL                    |                       | Branched, min 5 breaks   | 1-2  |   |                                    | fully                    | 3 to 5                     | Med/Fast    | 6-7            |        |              | 3rd-4th          | М               | 01                                      |                     |                                     |  |
| Cotinus coggygria 'Grace"            | 30-40               | 3L                      |                       | Branched, min 3 breaks   | 4-5  |   |                                    | fully                    | 3 to 5                     | Med/Fast    | 6-7            |        |              | 3rd-4th          | М               | 01                                      |                     |                                     |  |
| Cotinus coggygria 'Grace"            | 40-60               | 5L                      |                       | Branched, min 4 breaks   | 2-3  |   |                                    | fully                    | 3 to 5                     | Med/Fast    | 6-7            |        |              | 3rd-4th          | М               | 0                                       |                     |                                     |  |
| Cotinus coggygria 'Grace"            | 60-90               | I OL                    |                       | Branched, min 5 breaks   | 1-2  |   |                                    | fully                    | 3 to 5                     | Med/Fast    | 6-7            |        |              | 3rd-4th          | М               | 0                                       |                     |                                     |  |
| Cotinus coggygria 'Royal Purple' AGM | 30-40               | 3L                      |                       | Branched, min 3 breaks   | 4-5  |   |                                    | fully                    | 3 to 4                     | Medium      | 6-7            |        |              | 3rd-4th          | М               | 01                                      |                     |                                     |  |
| Cotinus coggygria 'Royal Purple' AGM | 30-40               | 5L                      |                       | Branched, min 4 breaks   | 2-3  |   |                                    | fully                    | 3 to 4                     | Medium      | 6-7            |        |              | 3rd-4th          | М               | 01                                      |                     |                                     |  |
| Cotinus coggygria 'Royal Purple' AGM | 40-60               | I OL                    |                       | Branched, min 5 breaks   | 1-2  |   |                                    | fully                    | 3 to 4                     | Medium      | 6-7            |        |              | 3rd-4th          | М               | 0                                       |                     |                                     |  |
| Cotinus coggygria 'Royal Purple' AGM | 125-150             | ootballe                | ed                    | Branched, min 7 breaks   | I  |   |                                    | fully                    | 3 to 4                     | Medium      | 6-7            |        |              | 3rd-4th          | М               | 0                                       |                     |                                     |  |
| Cotoneaster conspicuus 'Decorus' AGM | 20-30 dia           | 3L                      |                       | Branched, min 3 breaks   | 4-5  |   | E                                  | fully                    | 0.5 to I                   | Medium      | 6              |        | Bio          | lst              | M & CH          | 010                                     | D                   | E                                   | С  |
| Cotoneaster conspicuus 'Decorus' AGM | 30-40 dia           | 5L                      |                       | Branched, min 5 breaks   | 2-3  |   | E                                  | fully                    | 0.5 to I                   | Medium      | 6              |        | Bio          | lst              | M & CH          | 010                                     | D                   | E                                   | С  |
| Cotoneaster conspicuus 'Decorus' AGM | 40-60 dia           | I OL                    |                       | Branched, min 6 breaks   | 1-2  |   | Е                                  | fully                    | 0.5 to l                   | Medium      | 6              |        | Bio          | lst              | M & CH          | 010                                     | D                   | Е                                   | С  |
| Cotoneaster dammeri AGM              | 30-40dia            | 3L                      |                       | Branched, min 3 breaks   | 4-5  |   | Е                                  | fully                    | 0.3 max                    | Medium      | 6              |        | Bio          | GC               | M & CH          | 010                                     | D                   | E                                   | С  |
| Cotoneaster dammeri AGM              | 40-60 dia           | 5L                      |                       | Branched, min 5 breaks   | 2-3  |   | Е                                  | fully                    | 0.3 max                    | Medium      | 6              |        | Bio          | GC               | M & CH          | 010                                     | D                   | Е                                   | С  |
| Cotoneaster franchetii               | 40-60               | 3L                      |                       | Branched, min 3 breaks   | 4-5  |   | Е                                  | fully                    | 1.5 to 2                   | Medium      | 6              |        | Bio          | 3rd              | М               | 010                                     | D                   | Е                                   | С  |
| Cotoneaster franchetii               | 60-80               | 5L                      |                       | Branched, min 5 breaks   | 2-3  |   | Е                                  | fully                    | 1.5 to 2                   | Medium      | 6              |        | Bio          | 3rd              | М               | 010                                     | D                   | E                                   | С  |
| Cotoneaster franchetii               | 80-100              | I OL                    |                       | Branched, min 6 breaks   | 1-2  |   | Е                                  | fully                    | 1.5 to 2                   | Medium      | 6              |        | Bio          | 3rd              | М               | 010                                     | D                   | E                                   | С  |

**Design layers** (mature height): GC = 20-30cm 1st = 30-60cm 2nd = 60-90cm 3rd = 90-150cm 4th = 150cm + F = Feature plant

**Extremes**: Particualr varieties will tolerate certain extreme conditions where indicated once established on site Native: as defined by Natural History Museum Bio diversity: provides natural habit/food for insects and birdlife

| shrubs                                    | Spec21 size -<br>cm | Spec2l pot size - Litre | Bare Root (in season) | Spec2l Specification -<br>breaks(branches) should be in the lower<br>third | Suggested planting density per<br>square metre | Hedging suggested no. per<br>linear metre | E. evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Native | Bio diversiy | DesiGCn<br>layer | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions Very wet conditions | x pos | Potentially harmful (RHS) |
|---|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|--------|--------------|------------------|-----------------|---|---|-------|---------------------------|
| Cotoneaster lacteus AGM                   | 40-60               | 3L                      |                       | Branched, min 3 breaks   | 4-5  |   | Е                                  | fully                    | 2 to 3                     | Medium      | 6              |        | Bio          | 3rd-4th          | M & CH          | 010                                     |   |       |                           |
| Cotoneaster lacteus AGM                   | 60-80               | 5L                      |                       | Branched, min 5 breaks   | 2-3  |   | Е                                  | fully                    | 2 to 3                     | Medium      | 6              |        | Bio          | 3rd-4th          | M & CH          | 010                                     |   |       |                           |
| Cotoneaster lacteus AGM                   | 80+                 | I OL                    |                       | Branched, min 6 breaks   | 1-2  |   | Е                                  | fully                    | 2 to 3                     | Medium      | 6              |        | Bio          | 3rd-4th          | M & CH          | 010                                     |   |       |                           |
| Cotoneaster microphyllus AGM              | 30-40               | 3L                      |                       | Branched, min 4 breaks   | 4-5  |   | Е                                  | fully                    | 0.5 to I                   | Medium      | 6              |        | Bio          | Ist - 2nd        | М               | 010                                     | D                                       | E C   | :                         |
| Cotoneaster microphyllus AGM              | 40-60               | 5L                      |                       | Branched, min 6 breaks   | 2-3  |   | E                                  | fully                    | 0.5 to 1                   | Medium      | 6              |        | Bio          | Ist - 2nd        | М               | 010                                     | D                                       | E C   |                           |
| Cotoneaster radicans 'Eichlolz' (Oakwood) | 20-30 dia           | 3L                      |                       | Bushy min. 4 No. breaks  | 4-5  |   | Е                                  | fully                    | 0.3 max                    | Medium      | 6              |        | Bio          | GC               | М               | 010                                     | D                                       |       |                           |
| Cotoneaster radicans 'Eichlolz' (Oakwood) | 30-40 dia           | 5L                      |                       | Bushy min. 5 No. breaks  | 2-3  |   | E                                  | fully                    | 0.3 max                    | Medium      | 6              |        | Bio          | GC               | М               | 010                                     | D                                       |       |                           |
| Cotoneaster radicans 'Eichlolz' (Oakwood) | 40-60 dia           | IOL                     |                       | Bushy min. 6 No. breaks  | 1-2  |   | Е                                  | fully                    | 0.3 max                    | Medium      | 6              |        | Bio          | GC               | М               | 010                                     | D                                       |       |                           |
| Cotoneaster x suecicus.'Coral Beauty'     | 30-40dia            | 3L                      |                       | Branched, min 4 breaks   | 4-5  |   | E                                  | fully                    | 0.5 to I                   | Medium      | 6              |        | Bio          | 2nd              | М               | 010                                     | D                                       | E C   | :                         |
| Cotoneaster x suecicus.'Coral Beauty'     | 40-60dia            | 5L                      |                       | Branched, min 6 breaks   | 2-3  |   | E                                  | fully                    | 0.5 to I                   | Medium      | 6              |        | Bio          | 2nd              | М               | 010                                     | D                                       | E C   | :                         |
| Cotoneaster watereri                      | 40-60               | 3L                      |                       | Branched, min 3 breaks   | 4-5  | 3-4                                       | E                                  | fully                    | 1.5 to 4                   | Medium      | 6              |        | Bio          | 3rd-4th          | М               | 010                                     |   |       |                           |
| Cotoneaster watereri                      | 60-80               | 5L                      |                       | Branched, min 5 breaks   | 2-3  | 2-3                                       | E                                  | fully                    | 1.5 to 4                   | Medium      | 6              |        | Bio          | 3rd-4th          | М               | 010                                     |   |       |                           |
| Cotoneaster watereri                      | 80+                 | IOL                     |                       | Branched, min 6 breaks   | 1-2  | I-2                                       | E                                  | fully                    | 1.5 to 3                   | Medium      | 6              |        | Bio          | 3rd-4th          | М               | 010                                     |   |       |                           |
| Cytisus praecox                           | 30-40               | 2L                      |                       | Branched, min 5 breaks   | 4-5  |   | Е                                  | fully                    | 0.5 to 1.5                 | Fast        | 5              |        | Bio          | I                | М               | 010                                     | D                                       | E C   |                           |
| Cytisus praecox 'Album' AGM               | 30-40               | 2L                      |                       | Branched, min 5 breaks   | 4-5  |   | E                                  | fully                    | 0.5 to 1.5                 | Fast        | 5              |        | Bio          | I                | М               | 0                                       | D                                       | E C   | : [ ]                     |
| Cytisus praecox 'Allgold'                 | 30-40               | 2L                      |                       | Branched, min 5 breaks   | 4-5  |   | Е                                  | fully                    | 0.5 to 1.5                 | Fast        | 5              |        | Bio          | I                | М               | 0                                       | D                                       | E C   | : [ ]                     |
| Elaeagnus angustifolia var caspica        | 40-60               | 3L                      |                       | Branched, min 3 breaks   | 3-4  | 4   | E                                  | fully                    | 3 to 4                     | Fast        | 6              |        |              | 4th              | М               | 0                                       | D                                       | E C   | :                         |
| Elaeagnus angustifolia var caspica        | 60-80               | 5L                      |                       | Branched, min 4 breaks   | 2-3  | 3   | E                                  | fully                    | 3 to 4                     | Fast        | 6              |        |              | 4th              | М               | 0                                       | D                                       | E C   | : [ ]                     |
| Elaeagnus x ebbingei                      | 30-40               | 3L                      |                       | Branched, min 3 breaks   | 3-4  | 4   | E                                  | fully                    | 3 to 4                     | Medium      | 9-11           |        |              | 4th              | М               | 0                                       | D                                       | E C   |                           |
| Elaeagnus x ebbingei                      | 40-60               | 5L                      |                       | Branched, min 4 breaks   | 2-3  | 3   | E                                  | fully                    | 3                          | Medium      | 9-11           |        |              | 4th              | М               | 0                                       | D                                       | E C   |                           |
| Elaeagnus x ebbingei                      | 60-80               | I OL                    |                       | Branched, min 6 breaks   | 1-2  | 2   | Е                                  | fully                    | 3                          | Medium      | 9-11           |        |              | 4th              | М               | 0                                       | D                                       | E C   | :                         |
| Elaeagnus x ebbingei 'Gilt Edge' AGM      | 40-60               | 3L                      |                       | Branched, min 3 breaks   | 3-4  | 4   | E                                  | fully                    | 3                          | Fast        | 9-11           |        |              | 4th              | М               | 0                                       | D                                       | E C   | : [ ]                     |
| Elaeagnus x ebbingei 'Gilt Edge' AGM      | 60-80               | 5L                      |                       | Branched, min 4 breaks   | 2-3  | 3   | E                                  | fully                    | 3 to 4                     | Fast        | 9-11           |        |              | 4th              | М               | 0                                       | D                                       | E C   | : [ ]                     |
| Elaeagnus x ebbingei 'Gilt Edge' AGM      | 80-100              | I O L                   |                       | Branched, min 6 breaks   | 1-2  | 2   | Е                                  | fully                    | 3 to 4                     | Fast        | 9-11           |        |              | 4th              | М               | 01                                      | D                                       | E C   | :                         |
| Elaeagnus × ebbingei 'Limelight'          | 40-60               | 3L                      |                       | Branched, min 3 breaks   | 3-4  | 4   | E                                  | fully                    | 3 to 4                     | Fast        | 9-11           |        |              | 4th              | М               | 01                                      | D                                       | E C   |                           |
| Elaeagnus × ebbingei 'Limelight'          | 60-80               | 5L                      |                       | Branched, min 4 breaks   | 2-3  | 3   | Е                                  | fully                    | 3 to 5                     | Fast        | 9-11           |        |              | 4th              | М               | 01                                      | D                                       | E C   | :                         |
| Elaeagnus x ebbingei 'Limelight'          | 80-100              | IOL                     |                       | Branched, min 6 breaks   | 1-2  | 2   | E                                  | fully                    | 3 to 5                     | Fast        | 9-11           |        |              | 4th              | М               | 0                                       | D                                       | E C   |                           |

Soil preference: ALK/CH = Alkaline (Chalky) AC= Acid M = Most types Hardiness: frost = to -8C fully = to -15C +

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|--|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|--------|---|------------------|-----------------|---|---------------------|------|--|
| Elaeagnus pungens 'Maculata'             | 30-40               | 3L                      |                       | Branched, min 3 breaks   | 4-5  | 4   | Е                                  | fully                    | 1.5 to 3                   | Medium      | 9-11           |        |   | 3rd              | М               | 0                                       | D                   | Е    | С  |
| Elaeagnus pungens 'Maculata'             | 40-60               | 5L                      |                       | Branched, min 4 breaks   | 2-3  | 3   | E                                  | fully                    | 1.5 to 3                   | Medium      | 9-11           |        |   | 3rd              | М               | 0                                       | D                   | E    | С  |
| Elaeagnus pungens 'Maculata'             | 60-80               | IOL                     |                       | Branched, min 5 breaks   | 1-2  | 2   | E                                  | fully                    | 1.5 to 3                   | Medium      | 9-11           |        |   | 3rd              | М               | 0                                       | D                   | Е    | С  |
| Erica carnea varieties                   | 10-15               | 2L                      |                       | Bushy  | 6-8  |   | E                                  | fully                    | 0.5 max                    | Medium      | 11-4           |        | Bio                                     | GC               | M-AC            | 0                                       |                     | Е    |  |
| Escallonia 'Apple Blossom' AGM           | 40-60               | 3L                      |                       | Branched, min 4 breaks   | 3-4  | 5   | SE                                 | fully                    | 1.5 to 3                   | Fast        | 7-9            |        | Bio                                     | 3rd-4th          | М               | 0                                       | D                   |      | С  |
| Escallonia 'Apple Blossom' AGM           | 40-60               | 5L                      |                       | Branched, min 6 breaks   | 2-3  | 3   | SE                                 | fully                    | 1.5 to 3                   | Fast        | 7-9            |        | Bio                                     | 3rd-4th          | М               | 0                                       | D                   |      | С  |
| Elaeagnus pungens 'Maculata'             | 60-80               | IOL                     |                       | Branched, min 5 breaks   | 1-2  | 2   | E                                  | fully                    | 1.5 to 3                   | Medium      | 9-11           |        |   | 3rd              | М               | 0                                       | D                   | E    | С  |
| Erica carnea varieties                   | 10-15               | 2L                      |                       | Bushy  | 6-8  |   | E                                  | fully                    | 0.5 max                    | Medium      | 11-4           |        | Bio                                     | GC               | M-AC            | 0                                       |                     | Е    |  |
| Escallonia 'Apple Blossom' AGM           | 40-60               | 3L                      |                       | Branched, min 4 breaks   | 3-4  | 5   | SE                                 | fully                    | 1.5 to 3                   | Fast        | 7-9            |        | Bio                                     | 3rd-4th          | М               | 0                                       | D                   |      | С  |
| Escallonia 'Apple Blossom' AGM           | 40-60               | 5L                      |                       | Branched, min 6 breaks   | 2-3  | 3   | SE                                 | fully                    | 1.5 to 3                   | Fast        | 7-9            |        | Bio                                     | 3rd-4th          | М               | 0                                       | D                   |      | С  |
| Escallonia 'Apple Blossom' AGM           | 60-80               | IOL                     |                       | Branched, min 8 breaks   | 1.2  | 2   | SE                                 | fully                    | 1.5 to 3                   | Fast        | 7-9            |        | Bio                                     | 3rd-4th          | М               | 0                                       | D                   |      | С  |
| Escallonia 'Donard Radiance' AGM         | 40-60               | 3L                      |                       | Branched, min 4 breaks   | 3-4  | 4-5                                       | SE                                 | fully                    | 1.5 to 3                   | Medium      | 7-9            |        | Bio                                     | 3rd-4th          | М               | 010                                     | D                   |      | С  |
| Escallonia 'Donard Radiance' AGM         | 40-60               | 5L                      |                       | Branched, min 6 breaks   | 2-3  | 3   | SE                                 | fully                    | 1.5 to 3                   | Medium      | 7-9            |        | Bio                                     | 3rd-4th          | М               | 010                                     | D                   |      | С  |
| Escallonia 'Donard Radiance' AGM         | 60-80               | IOL                     |                       | Branched, min 8 breaks   | 1.2  | 2   | SE                                 | fully                    | 1.5 to 3                   | Medium      | 7-9            |        | Bio                                     | 3rd-4th          | М               | 010                                     | D                   |      | С  |
| Euonymus fortunei 'Emerald & Gold' AGM   | 20-30dia            | 3L                      |                       | Bushy, min 6 breaks  | 4-5  |   | E                                  | fully                    | 0.5 max                    | Medium      |                |        |   | GC - 2nd         | M & CH          | 010                                     | D                   |      | c !  |
| Euonymus fortunei 'Emerald & Gold' AGM   | 30-40dia            | 5L                      |                       | Bushy min 9 breaks   | 2-3  |   | E                                  | fully                    | 0.5 max                    | Medium      |                |        |   | GC - 2nd         | M & CH          | 010                                     | D                   |      | с !  |
| Euonymus fortunei 'Emerald & Gold' AGM   | 40-60dia            | IOL                     |                       | Bushy min 11 breaks  | 1-2  |   | E                                  | fully                    | 0.5 max                    | Medium      |                |        |   | GC - 2nd         | M & CH          | 010                                     | D                   |      | c I  |
| Euonymus fortunei 'Emerald & Gaiety' AGM | 20-30dia            | 3L                      |                       | Bushy, min 6 breaks  | 4-5  |   | E                                  | fully                    | 0.5 max                    | Medium      |                |        |   | GC - 2nd         | M & CH          | 010                                     |                     | Е    | C !  |
| Euonymus fortunei 'Emerald & Gaiety' AGM | 30-40dia            | 5L                      |                       | Bushy min 9 breaks   | 2-3  |   | E                                  | fully                    | 0.5 max                    | Medium      |                |        |   | GC - 2nd         | M & CH          | 010                                     |                     | Е    | с !  |
| Euonymus fortunei 'Emerald & Gaiety' AGM | 40-60dia            | IOL                     |                       | Bushy min 11 breaks  | 1-2  |   | E                                  | fully                    | 0.5 max                    | Medium      |                |        |   | GC - 2nd         | M & CH          | 010                                     |                     | Е    | c <b>!</b>                                   |
| Euonymus fortunei 'Silver Queen'         | 20-30dia            | 3L                      |                       | Bushy min 6 breaks   | 4-5  |   | Е                                  | fully                    | 0.5 max                    | Slow        |                |        |   | GC               | M & CH          | 01                                      |                     | Е    | c !  |
| Euonymus fortunei 'Silver Queen'         | 30-40dia            | 5L                      |                       | Bushy min. 9 breaks  | 2-3  |   | Е                                  | fully                    | 0.5 max                    | Slow        |                |        |   | GC               | M & CH          | 0                                       |                     | Е    | c !  |
| Euonymus fortunei 'Silver Queen'         | 40-60dia            | IOL                     |                       | Bushy min 11 breaks  | 1-2  |   | Е                                  | fully                    | 0.5 max                    | Slow        |                |        |   | GC               | M & CH          | 0                                       |                     | Е    | с !  |
| Fatsia japonica AGM                      | 30-40               | 3L                      |                       | Branched, 3 breaks   | 3-4  |   | Е                                  | fully                    | 1.5 to 3                   | Medium      | 10             |        |   | 3rd              | М               | •                                       |                     |      | 1  |
| Fatsia japonica AGM                      | 40-60               | 5L                      |                       | Branched, min 3 breaks   | 2-3  |   | Е                                  | fully                    | 1.5 to 3                   | Medium      | 10             |        |   | 3rd              | М               | •                                       |                     |      |  |
| Fatsia japonica AGM                      | 60-90               | IOL                     |                       | Branched, min 3-4 breaks   | l  |   | E                                  | frost                    | 1.5 to 3                   | Medium      | 10             |        | *************************************** | 3rd              | М               | •                                       |                     |      |  |
| Fuchsia magellanica 'Tricolor' AGM       | 25-30               | 3L                      |                       | Bushy, min 4-5 breaks  | 4-5  | 4-5                                       |                                    | frost                    | 0.9 to I                   | Fast        | 7-9            |        | Bio                                     | 2nd-3rd          | М               | 01                                      |                     |      | С  |
| Fuchsia magellanica 'Tricolor' AGM       | 35-40               | 5L                      |                       | Bushy, min 6-7 breaks  | 2-3  | 2-3                                       |                                    | frost                    | 0.9 to l                   | Fast        | 7-9            |        | Bio                                     | 2nd-3rd          | М               | 01                                      |                     |      | С  |

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| shrubs                            | Spec21 size -<br>cm | Spec21 pot size - Litre | Bare Root (in season) | Spec2l Specification -<br>breaks(branches) should be in the lower<br>third | Suggested planting density per<br>square metre | Hedging suggested no. per<br>linear metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Native | Bio diversiy | DesiGCn<br>layer | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions Very wet conditions Exposed site | Coastal conditions<br>Potentially harmful (RHS) |
|-----------------------------------|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|--------|--------------|------------------|-----------------|---|--|---|
| Fucshia 'Mrs Popple' AGM          | 25-30               | 3L                      |                       | Bushy, min 4-5 breaks  | 4-5  | 5   |                                    | frost                    | 0.6 to 0.9                 | Fast        | 7-9            |        | Bio          | 2nd-3rd          | М               | 01                                      | (  | С   |
| Fucshia 'Mrs Popple' AGM          | 35-40               | 5L                      |                       | Bushy, min 6-7 breaks  | 2-3  | 3   |                                    | frost                    | 0.6 to 0.9                 | Fast        | 7-9            |        | Bio          | 2nd-3rd          | М               | 01                                      | (  | С   |
| Fucshia 'Ricartonii' AGM          | 25-30               | 3L                      |                       | Bushy, min 4-5 breaks  | 4-5  | 5   |                                    | frost                    | 0.6 to 0.9                 | Fast        | 7-9            |        | Bio          | 2nd-3rd          | М               | 01                                      | (  | С   |
| Fucshia 'Ricartonii' AGM          | 35-40               | 5L                      |                       | Bushy, min 6-7 breaks  | 2-3  | 3   |                                    | frost                    | 0.6 to 0.9                 | Fast        | 7-9            |        | Bio          | 2nd-3rd          | М               | 01                                      | (  | С   |
| Fucshia 'Tom Thumb'               | 25-30               | 3L                      |                       | Bushy, min 4-5 breaks  | 5-6  | 5   |                                    | frost                    | 0.6 to 0.9                 | Fast        | 7-9            |        | Bio          | 2nd-3rd          | М               | 01                                      | (  | С   |
| Fucshia 'Tom Thumb'               | 35-40               | 5L                      |                       | Bushy, min 6-7 breaks  | 3-4  | 3   |                                    | frost                    | 0.6 to 0.9                 | Fast        | 7-9            |        | Bio          | 2nd-3rd          | М               | 01                                      | (  | С   |
| Garrya elliptica                  | 30-40               | 3L                      |                       | Branched, leader and laterals  | 4-5  |   | Е                                  | fully                    | 1.5 to 3                   | Medium      | 1-3            |        |              | 3rd & 4th        | М               | 01                                      | (  | С   |
| Garrya elliptica                  | 40-60               | 5L                      |                       | Branched, leader and laterals  | 2-3  |   | E                                  | fully                    | 1.5 to 3                   | Medium      | 1-3            |        |              | 3rd & 4th        | М               | 01                                      | (  | С   |
| Garrya elliptica                  | 60-90               | I OL                    |                       | Branched, leader and laterals.   | I  |   | E                                  | fully                    | 1.5 to 3                   | Medium      | I-3            |        |              | 3rd & 4th        | М               | 01                                      | (  | С   |
| Garrya elliptica 'James Roof' AGM | 30-40               | 3L                      |                       | Branched, leader and laterals  | 4-5  |   | E                                  | fully                    | 1.5 to 3                   | Medium      | 1-3            |        |              | 3rd & 4th        | М               | 0                                       |  | С   |
| Garrya elliptica 'James Roof' AGM | 40-60               | 5L                      |                       | Branched, leader and laterals  | 2-3  |   | E                                  | fully                    | 1.5 to 3                   | Medium      | I-3            |        |              | 3rd & 4th        | М               | 0                                       |  | С   |
| Garrya elliptica 'James Roof' AGM | 60-90               | IOL                     |                       | Branched, leader and laterals.   | I  |   | E                                  | fully                    | 1.5 to 3                   | Medium      | I-3            |        |              | 3rd & 4th        | М               | 0                                       | (  | С   |
| Genista hispanica                 | 20-30               | 3L                      |                       | Bushy, min. 5 breaks   | 4-5  |   | E                                  | fully                    | 0.5 to 0.9                 | Medium      | 5-6            |        | Bio          | 1st-2nd          | M - AC          | 0                                       | D (  | С   |
| Genista lydia AGM                 | 30-40 dia           | 3L                      |                       | Bushy, min 5 breaks  | 3-4  |   | SE                                 | fully                    | 0.5 to 0.9                 | Medium      | 5-6            |        | Bio          | Ist-2nd          | M - AC          | 0                                       | D (  | С   |
| Genista lydia AGM                 | 40-60 dia           | 5L                      |                       | Bushy, min 7 breaks  | 2-3  |   | SE                                 | fully                    | 0.5 to 0.9                 | Medium      | 5-6            |        | Bio          | lst              | M - AC          | 0                                       | D (  | С   |
| Hebe albicans 'Blue Star'         | 20-30 dia           | 3L                      |                       | Bushy, min 4 breaks  | 4-5  |   | E                                  | fully                    | 0.6 max                    | Medium      | 5-9            |        | Bio          | 1st-2nd          | M & CH          | 0                                       | E  | c   |
| Hebe 'Beverley Hills'             | 30-40               | 3L                      |                       | Bushy, min 5 breaks  | 3-4  |   | E                                  | fully                    | 0.9 max                    | Med/Fast    | 5-10           |        | Bio          | 2nd              | M & CH          | 0                                       |  | С   |
| Hebe 'Beverley Hills'             | 40-60               | 5L                      |                       | Bushy, min 7 breaks  | 2-3  |   | E                                  | fully                    | 0.9 max                    | Med/Fast    | 5-10           |        | Bio          | 2nd              | M & CH          | 01                                      | (  | С   |
| Hebe 'Beverley Hills'             | 60-70               | I OL                    |                       | Bushy, min 9 breaks  | 1-2  |   | E                                  | fully                    | 0.9 max                    | Med/Fast    | 5-10           |        | Bio          | 2nd              | M & CH          | 01                                      |  | С   |
| Hebe canterburiensis              | 30-40               | 3L                      |                       | Bushy, min 5 breaks  | 4-5  |   | E                                  | fully                    | I                          | Medium      | 6-9            |        | Bio          | 2nd              | M & CH          | 01                                      | (  | c   |
| Hebe canterburiensis              | 40-50               | 5L                      |                       | Bushy, min 8 breaks  | 2-3  |   | E                                  | fully                    | ı                          | Medium      | 6-9            |        | Bio          | 2nd              | M & CH          | 01                                      | (  | С   |
| Hebe 'Champion'                   | 25-30               | 3L                      |                       | Bushy, min 5 breaks  | 4-5  |   | E                                  | fully                    | 0.9 max                    | Slow        | 6-10           |        | Bio          | 2nd              | M & CH          | 01                                      | (  | С   |
| Hebe 'Champion'                   | 30-40               | 5L                      |                       | Bushy, min 7 breaks  | 2-3  |   | Е                                  | fully                    | 0.9 max                    | Slow        | 6-10           |        | Bio          | 2nd              | M & CH          | 01                                      | (  | С   |
| Hebe 'Charming White'             | 25-30               | 3L                      |                       | Bushy, min 4 breaks  | 4-5  |   | E                                  | fully                    | ı                          | Medium      | 6-8            |        | Bio          | 2nd              | M & CH          | 0                                       | (  | С   |
| Hebe 'Charming White'             | 30-40               | 5L                      |                       | Bushy, min 6 breaks  | 2-3  |   | Е                                  | fully                    | 1                          | Medium      | 6-8            |        | Bio          | Ist-2nd          | M & CH          | 0                                       | (  | С   |
| Hebe 'Glenorchy'                  | 25-30 dia           | 3L                      |                       | Bushy, min. 5 breaks   | 4-5  |   | Е                                  | fully                    | 0.6 to 0.9                 | Medium      | 6-9            |        | Bio          | lst              | M & CH          | 01                                      | (  | С   |
| Hebe 'Glenorchy'                  | 30-35 dia           | 5L                      |                       | Bushy, min 8 breaks  | 2-3  |   | Е                                  | fully                    | 0.6 to 0.9                 | Medium      | 6-9            |        | Bio          | lst              | M & CH          | 01                                      |  | С   |

KEY Soil preference: ALK/CH = Alkaline (Chalky) AC= Acid M = Most types Hardiness: frost = to -8C fully = to -15C +

 $\textbf{Design layers} \; (mature \; height): G \; C= \; 20\text{-}30 \text{cm} \quad 1 \text{st} = \; 30\text{-}60 \text{cm} \quad 2 \text{nd} = \; 60\text{-}90 \text{cm} \quad 3 \text{rd} = \; 90\text{-}150 \text{cm} \quad 4 \text{th} = \; 150 \text{cm} + \quad F = \; Feature \; plant$ 

Extremes: Particual varieties will tolerate certain extreme conditions where indicated once established on site Native: as defined by Natural History Museum Bio diversity: provides natural habit/food for insects and birdlife



| shrubs  | Spec21 size -<br>cm | Spec21 pot size - Litre | Bare Root (in season) | Spec21 Specification -<br>breaks(branches) should be in the lower<br>third | Suggested planting density per<br>square metre | Hedging suggested no. per<br>linear metre | E. evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Native | Bio diversiy | DesiGCn<br>layer | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions Very wet conditions | Exposed site | Potentially harmful (RHS) |
|---|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|--------|--------------|------------------|-----------------|---|---|--------------|---------------------------|
| Hebe 'Mette'                                  | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 4-5  |   | E                                  | fully                    | I.2 max                    | Medium      | 5-11           |        | Bio          | 2nd-3rd          | M & CH          | 0                                       |   | (            | c                         |
| Hebe 'Mette'                                  | 40-60               | 5L                      |                       | Bushy, min 6 breaks  | 2-3  |   | Е                                  | fully                    | I.2 max                    | Medium      | 5-11           |        | Bio          | 2nd-3rd          | M & CH          | 0                                       |   | (            | С                         |
| Hebe 'Midsummer Beauty' AGM                   | 30-40               | 3L                      |                       | Bushy, min 3 breaks  | 4-5  |   | E                                  | frost                    | 1.5 to 2                   | Medium      | 6-10           |        | Bio          | 2nd-3rd          | M & CH          | 0                                       |   | (            | c                         |
| Hebe 'Midsummer Beauty' AGM                   | 40-60               | 5L                      |                       | Bushy, min 5 breaks  | 2-3  |   | E                                  | frost                    | 1.5 to 2                   | Medium      | 6-10           |        | Bio          | 2nd-3rd          | M & CH          | 0                                       |   | (            | c                         |
| Hebe 'Mrs Winder' AGM                         | 30-40               | 3L                      |                       | Bushy, min 3 breaks  | 4-5  |   | E                                  | frost                    | 1.5 to 2                   | Medium      | 6-10           |        | Bio          | 2nd-3rd          | M & CH          | 0                                       |   | (            | c                         |
| Hebe 'Mrs Winder' AGM                         | 40-60               | 5L                      |                       | Bushy, min 5 breaks  | 2-3  |   | Е                                  | frost                    | 1.5 to 2                   | Medium      | 6-10           |        | Bio          | 2nd-3rd          | M & CH          | 0                                       |   | (            | c                         |
| Hebe odora 'New Zealand Gold'                 | 25-30 dia           | 3L                      |                       | Bushy, min 3 breaks  | 4-5  |   | E                                  | fully                    | 0.6 max                    | Slow        | 6-10           |        | Bio          | Ist-2nd          | М               | 0                                       |   |              |                           |
| Hebe odora 'New Zealand Gold'                 | 30-35 dia           | 5L                      |                       | Bushy, min 5 breaks  | 2-3  |   | E                                  | fully                    | 0.6 max                    | Slow        | 6-10           |        | Bio          | Ist-2nd          | М               | 01                                      |   |              |                           |
| Hebe pinguifolia 'Pagei' AGM                  | 20-30 dia           | 3L                      |                       | Bushy, min 5 breaks  | 4-5  |   | E                                  | fully                    | 0.7                        | Medium      | 6              |        | Bio          | lst              | М               | 0                                       |   | (            | c                         |
| Hebe pinguifolia 'Pagei' AGM                  | 30-40 dia           | 5L                      |                       | Bushy, min 7 breaks  | 2-3  |   | E                                  | fully                    | 0.7                        | Medium      | 6              |        | Bio          | lst              | М               | 0                                       |   | (            | c                         |
| Hebe pinguifolia 'Pagei' AGM                  | 40-60 dia           | IOL                     |                       | Bushy, min 9 breaks  | 1-2  |   | E                                  | fully                    | 0.7                        | Medium      | 6              |        | Bio          | lst              | М               | 0                                       |   | (            | С                         |
| Hebe pinguifolia 'Sutherlandii'               | 20-30 dia           | 3L                      |                       | Bushy, min 5 breaks  | 4-5  |   | E                                  | fully                    | 0.7                        | Medium      | 6              |        | Bio          | lst              | М               | 0                                       |   | (            | c                         |
| Hebe pinguifolia 'Sutherlandii'               | 30-40 dia           | 5L                      |                       | Bushy, min 7 breaks  | 2-3  |   | E                                  | fully                    | 0.7                        | Medium      | 6              |        | Bio          | lst              | М               | 0                                       |   | (            | С                         |
| Hebe pinguifolia 'Sutherlandii'               | 40-60 dia           | IOL                     |                       | Bushy, min 9 breaks  | 1-2  |   | E                                  | fully                    | 0.7                        | Medium      | 6              |        | Bio          | lst              | М               | 0                                       |   | (            | c                         |
| Hebe rakaiensis - use improved form - Hebe 'G | lenorchy'           |                         |                       |  |  |   |                                    |                          |                            |             |                |        |              |                  |                 |   |   |              |                           |
| Hibiscus syriacus varieties                   | 40-60               | 3L                      |                       | Branched, min 3 breaks   | 3-4  |   |                                    | frost                    | 1.5 to 3                   | Medium      | 8-9            |        |              | 3rd              | M - AC          | 0                                       | D                                       | (            | с                         |
| Hibiscus syriacus varieties                   | 60+                 | 5L                      |                       | Branched, min 4 breaks   | 2-3  |   |                                    | frost                    | 1.5 to 3                   | Medium      | 8-9            |        |              | 3rd              | M - AC          | 0                                       | D                                       | (            | С                         |
| Hippophae rhamnoides AGM                      | 40-60               | 3L                      |                       | Branched. min 5 breaks   | 3-4  |   |                                    | fully                    | 3 to 5                     | Fast        | 5-6            | Nat    | Bio          | 3rd              | M               | 0                                       | D                                       | Ε (          | 2                         |
| llex x altaclarensis 'Golden King'            | 40-60               | 3L                      |                       | Leader and laterals  | 3-4  | 4-5                                       | E                                  | fully                    | 3 to 5                     | Medium      | 5-6            |        | Bio          | 3rd              | М               | 010                                     | D                                       | Е            |                           |
| llex x altaclarensis 'Golden King' AGM        | 60-80               | 5L                      |                       | Leader and laterals  | 2-3  | 3-4                                       | E                                  | fully                    | 3 to 5                     | Medium      | 5-6            |        | Bio          | 3rd              | М               | 010                                     | D                                       | Е            |                           |
| llex x altaclarensis 'Golden King' AGM        | 80-100              | IOL                     |                       | Leader and laterals  | 1-2  | 1-2                                       | E                                  | fully                    | 3 to 5                     | Medium      | 5-6            |        | Bio          | 3rd              | М               | 010                                     | D                                       | E            |                           |
| Ilex aquifolium AGM                           | 40-60               | 3L                      |                       | Leader and laterals  | 3-4  | 4-5                                       | E                                  | fully                    | 8 to 15                    | Medium      | 5-6            | Nat    | Bio          | 3rd              | М               | 010                                     | D                                       | Ε (          | 2                         |
| Ilex aquifolium AGM                           | 60-80               | 5L                      |                       | Leader and laterals  | 2-3  | 3-4                                       | E                                  | fully                    | 8 to 15                    | Medium      | 5-6            | Nat    | Bio          | 3rd              | М               | 010                                     | D                                       | Ε (          | 2 <u> </u>                |
| Ilex aquifolium AGM                           | 80-100              | IOL                     |                       | Leader and laterals  | 1-2  | I-2                                       | E                                  | fully                    | 8 to 15                    | Medium      | 5-6            | Nat    | Bio          | 3rd              | М               | 010                                     | D                                       | Ε (          | 2                         |
| llex aquifolium ' J C van Tol'                | 40-60               | 3L                      |                       | Leader and laterals  | 3-4  | 4-5                                       | E                                  | fully                    | 3 to 5                     | Medium      | 5-6            | Nat    | Bio          | 3rd              | М               | 010                                     | D                                       | Е (          | 2                         |
| llex aquifolium ' J C van Tol'                | 60-80               | 5L                      |                       | Leader and laterals  | 2-3  | 2-3                                       | E                                  | fully                    | 3 to 5                     | Medium      | 5-6            | Nat    | Bio          | 3rd              | М               | 010                                     | D                                       | Е (          | <b>a</b> ]                |
| llex crenata                                  | 20-30 dia           | 3L                      |                       | Leader and laterals  | 4-5  | 4-5                                       | E                                  | fully                    | 5 to 15                    | Slow        | 5-6            |        | Bio          | 2nd              | М               | 0                                       | D                                       | Е            |                           |

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| shrubs  | Spec21 size -<br>cm | Spec21 pot size - Litre | Bare Root (in season) | Spec21 Specification -<br>breaks(branches) should be in the lower<br>third | Suggested planting density per<br>square metre | Hedging suggested no. per<br>linear metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Native<br>Bio diversiy | DesiGCn<br>layer | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions | Fxposed site | Coastal conditions | Potentially harmful (RHS) |
|---|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|------------------------|------------------|-----------------|---|---------------------|--------------|--------------------|---------------------------|
| llex crenata                                      | 30-40 dia           | 5L                      |                       | Leader and laterals  | 2-3  | 3-4                                       | Е                                  | fully                    | 5 to 15                    | Slow        | 5-6            | Bio                    | 2nd              | М               | 01                                      | D                   | Е            |                    |                           |
| llex crenata                                      | 40-60 dia           | I OL                    |                       | Leader and laterals  | 2  | 2-3                                       | Е                                  | fully                    | 5 to 15                    | Slow        | 5-6            | Bio                    | 2nd              | М               | 01                                      | D                   | Е            |                    |                           |
| Lavandula angustifolia 'Grosso'                   | 15+ dia             | 2L                      |                       | Bushy, min 5 breaks  | 5-6  | 6   | Е                                  | fully                    | 0.5 max                    | Slow        | 5-8            | Bio                    | lst              | М               | 0                                       | D                   | Е            | С                  |                           |
| Lavandula angustifolia 'Grosso'                   | 15-20 dia           | 3L                      |                       | Bushy, min 5 breaks  | 4-5  | 4-5                                       | E                                  | fully                    | 0.5 max                    | Slow        | 5-8            | Bio                    | lst              | М               | 0                                       | D                   | Е            | С                  |                           |
| Lavandula angustifolia 'Grosso'                   | 20-30 dia           | 5L                      |                       | Bushy, min 7 breaks  | 2-3  | 2-3                                       | E                                  | fully                    | 0.5 max                    | Slow        | 5-8            | Bio                    | lst              | М               | 0                                       | D                   | E            | С                  |                           |
| Lavandula angustifolia 'Grosso'                   | 30-40 dia           | I OL                    |                       | Bushy, min 9 breaks  | 1-2  | 2-3                                       | E                                  | fully                    | 0.5 max                    | Slow        | 5-8            | Bio                    | lst              | М               | 0                                       | D                   | E            | С                  |                           |
| Lavandula angustifolia 'Hidcote' AGM              | 15+ dia             | 2L                      |                       | Bushy, min 5 breaks  | 5-6  | 6   | E                                  | fully                    | 0.5 max                    | Slow        | 5-8            | Bio                    | lst              | М               | 0                                       | D                   | E            | С                  |                           |
| Lavandula angustifolia 'Hidcote' AGM              | 15-20 dia           | 3L                      |                       | Bushy, min 5 breaks  | 5-6  | 5-6                                       | E                                  | fully                    | 0.5 max                    | Slow        | 5-8            | Bio                    | lst              | М               | 0                                       | D                   | E            | С                  |                           |
| Lavandula angustifolia 'Hidcote' AGM              | 20-30 dia           | 5L                      |                       | Bushy, min 7 breaks  | 3-4  | 3-4                                       | Е                                  | fully                    | 0.5 max                    | Slow        | 5-8            | Bio                    | ) Ist            | М               | 0                                       | D                   | Е            | С                  |                           |
| Lavandula angustifolia 'Hidcote' AGM              | 30-40 dia           | I OL                    |                       | Bushy, min 9 breaks  | 2  | 2-3                                       | E                                  | fully                    | 0.5 max                    | Slow        | 5-8            | Bio                    | lst              | М               | 0                                       | D                   | E            | С                  |                           |
| Leycesteria formosa 'Golden Lanterns'             | 40-60               | 3L                      |                       | Bushy, min 43 breaks   | 3-4  |   |                                    | fully                    | 1.5                        | Medium      | 5-8            |                        | 3rd              | М               | 0                                       |                     |              |                    |                           |
| Leycesteria formosa 'Golden Lanterns'             | 40-60               | 5L                      |                       | Bushy, min 4 breaks  | 2-3  |   |                                    | fully                    | 1.5                        | Medium      | 5-8            |                        | 3rd              | М               | 0                                       |                     |              |                    |                           |
| Leycesteria formosa 'Golden Lanterns'             | 60-90               | I OL                    |                       | Bushy, min 5 breaks  | 1-2  |   |                                    | fully                    | 1.5                        | Medium      | 5-8            |                        | 3rd              | М               | 0                                       |                     |              |                    |                           |
| Ligustrum japonicum 'Texanum'                     | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 3-4  | 3-4                                       | E                                  | fully                    | 1.2 to 1.5                 | Medium      | 5-6            | Bio                    | 2nd-3rd          | М               | 010                                     |                     |              |                    |                           |
| Ligustrum japonicum 'Texanum'                     | 60-80               | 5L                      |                       | Bushy, min 6 breaks  | 2-3  | 2-3                                       | Е                                  | fully                    | 1.2-1.5                    | Medium      | 5-6            | Bio                    | 2nd-3rd          | М               | 010                                     |                     |              |                    |                           |
| Lonicera nitida 'Baggensens Gold' AGM             | 20-30dia            | 3L                      |                       | Bushy, 4 min breaks  | 3-4  | 3-4                                       | Е                                  | fully                    | 0.9 to 1.5                 | Medium      |                | Bio                    | o 2nd            | M & CH          | 0                                       |                     |              |                    |                           |
| Lonicera nitida 'Baggensens Gold' AGM             | 30-40dia            | 5L                      |                       | Bushy, 8 min breaks  | 2-3  | 2-3                                       | Е                                  | fully                    | 0.9 to 1.5                 | Medium      |                | Bio                    | 2nd              | M & CH          | 0                                       |                     |              |                    |                           |
| Lonicera nitida 'Baggensens Gold' AGM             | 40-60dia            | I OL                    |                       | Bushy, 10 min breaks   | 1-2  | 1-2                                       | E                                  | fully                    | 0.9 to 1.5                 | Medium      |                | Bio                    | 2nd              | M & CH          | 0                                       |                     |              |                    |                           |
| Lonicera nitida varieties                         | 30-40               | 3L                      |                       | Bushy, min 5 breaks  | 3-4  | 3-4                                       | Е                                  | fully                    | 0.9 to 1.5                 | Medium      |                | Bio                    | 2nd-3rd          | М               | 010                                     |                     |              |                    |                           |
| Lonicera nitida varieties                         | 40-60               | 5L                      |                       | Bushy, min 8 breaks  | 2-3  | 2-3                                       | E                                  | fully                    |                            |             |                | Bio                    | 2nd-3rd          | М               | 010                                     |                     |              |                    |                           |
| Lonicera - see also 'Groundcover' and 'Climber' s | ections             |                         |                       |  |  |   |                                    |                          |                            |             |                |                        |                  |                 |   |                     |              |                    |                           |
| Mahonia aquifolium                                | 30-40               | 3L                      |                       | Branched, min 3 breaks   | 5  |   | Е                                  | fully                    | 0.5 to 1.5                 | Medium      | 4-5            | Bio                    | lst              | M & CH          | 010                                     | D                   |              |                    |                           |
| Mahonia aquifolium                                | 30-50               | 5L                      |                       | Branched, min 5 breaks   | 3  |   | Е                                  | fully                    | 0.5 to 1.5                 | Medium      | 4-5            | Bio                    | o Ist            | M & CH          | 010                                     | D                   |              |                    |                           |
| Mahonia aquifolium 'Apollo' AGM                   | 20-30               | 3L                      |                       | Branched, min 3 breaks   | 5-6  |   | Е                                  | fully                    | I                          | Medium      |                | Bio                    | 2nd-3rd          | M & CH          | 010                                     | D                   |              |                    |                           |
| Mahonia aquifolium 'Apollo' AGM                   | 30-50               | 5L                      |                       | Branched, min 5 breaks   | 3-4  |   | Е                                  | fully                    | ı                          | Medium      |                | Bio                    | 2nd-3rd          | M & CH          | 010                                     | D                   |              |                    |                           |
| Mahonia aquifolium 'Apollo' AGM                   | 40-60               | IOL                     |                       | Branched, min 7 breaks   | 2  |   | Е                                  | fully                    | ı                          | Medium      |                | Bio                    | 2nd-3rd          | M & CH          | 010                                     | D                   |              |                    |                           |

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| shrubs                                    | Spec21 size -<br>cm | Spec21 pot size - Litre | Bare Root (in season) | Spec21 Specification -<br>breaks(branches) should be in the lower<br>third | Suggested planting density per<br>square metre | Hedging suggested no. per<br>linear metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Native | Bio diversiy | DesiGCn<br>layer | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions Very wet conditions | Exposed site | Coastal conditions Potentially harmful (RHS) |
|---|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|--------|--------------|------------------|-----------------|---|---|--------------|--|
| Mahonia x media 'Winter Sun' AGM          | 30-40               | 3L                      |                       | Bushy, min 2 breaks  | 4-5  |   | Е                                  | fully                    | 0.5 to 1.5                 | Medium      |                |        | Bio          | 2nd-3rd          | М               | 010                                     | D                                       |              |  |
| Mahonia x media 'Winter Sun' AGM          | 40-60               | 5L                      |                       | Bushy, min 2 breaks  | 2-3  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      |                |        | Bio          | 2nd-3rd          | М               | 010                                     | D                                       |              |  |
| Mahonia x media 'Winter Sun' AGM          | 60-80               | IOL                     |                       | Bushy, min 3 breaks  | 1-2  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      |                |        | Bio          | 2nd-3rd          | М               | 010                                     | D                                       |              |  |
| Nandina domestica 'Fire Power'            | 20-30 dia           | 3L                      |                       | Bushy, min 4 breaks  | 5-6  |   | Е                                  | fully                    | 0.5 to0.9                  | Medium      |                |        |              | 2nd              | M to AC         | 010                                     |   |              |  |
| Nandina domestica 'Fire Power'            | 40-60 dia           | 5L                      |                       | Bushy, min 6 breaks  | 3-4  |   | Е                                  | fully                    | 0.5 to 0.9                 | Medium      |                |        |              | 2nd              | M to AC         | 010                                     |   |              |  |
| Nandina domestica                         | 20-30               | 3L                      |                       | Branched, min 2 breaks   | 5-6  |   | Е                                  | fully                    | 0.5 to0.9                  | Medium      |                |        |              | 2nd              | M to AC         | 010                                     |   |              |  |
| Nandina domestica                         | 40-60               | 5L                      |                       | Branched, min 2-3 breaks   | 3-4  |   | E                                  | fully                    | 1.5 to 3                   | Medium      |                |        |              | 3rd              | М               | 0                                       |   |              |  |
| Nandina domestica                         | 60-70               | I OL                    |                       | Branched, min 3-5 breaks   | 3-4  |   | E                                  | fully                    | 1.5 to 3                   | Medium      |                |        |              | 3rd              | М               | 0                                       |   |              |  |
| Olearia haastii                           | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 4-5  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      |                |        | Bio          | 3rd              | M & CH          | 0                                       | D                                       | E            | С  |
| Olearia haastii                           | 40-60               | 5L                      |                       | Bushy, min 6 breaks  | 2-3  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      |                |        | Bio          | 3rd              | M & CH          | 0                                       | D                                       | Е            | С  |
| Osmanthus x burkwoodii AGM                | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 4-5  | 4-5                                       | E                                  | fully                    | 1.5 to 3                   | Slow        |                |        |              | 3rd - 4th        | М               | 0                                       | D                                       |              |  |
| Osmanthus x burkwoodii AGM                | 40-60               | 5L                      |                       | Bushy, min 5 breaks  | 2-3  | 3   | E                                  | fully                    | 1.5 to 3                   | Slow        | 5-6            |        |              | 3rd              | М               | 0                                       | D                                       |              |  |
| Osmanthus x burkwoodii AGM                | 80-100              | IOL                     |                       | Bushy, min 7 breaks  | I  | 2   | E                                  | fully                    | 1.5 to 3                   | Slow        |                |        |              | 3rd              | М               | 0                                       | W                                       | /            |  |
| Pachysandra terminalis 'Green Carpet' AGM | 15-20 dia           | 2L                      |                       | Full pot   | 5-6  |   | E                                  | fully                    | 0.4 max                    | Medium      |                |        |              | GC               | М               | 10                                      | D                                       | E            |  |
| Pachysandra terminalis 'Green Carpet' AGM | 20-30 dia           | 5L                      |                       | Full pot   | 3-4  |   | E                                  | fully                    | 0.4 max                    | Medium      |                |        |              | GC               | М               | 10                                      | D                                       | E            |  |
| Perovskia atri. 'Blue Spire' AGM          | 30-40               | 3L                      |                       | Bushy, min 3 breaks  | 4-5  |   |                                    | fully                    | 0.5 to 1.5                 | Medium      | 7-9            |        |              | 2nd              | M & CH          | 0                                       | D                                       | E            | c  |
| Perovskia atri. 'Blue Spire' AGM          | 40-60               | 5L                      |                       | Bushy, min 4 breaks  | 3-4  |   |                                    | fully                    | 0.5 to 1.5                 | Medium      | 7-9            |        |              | 2nd              | M & CH          | 0                                       | D                                       | E            | С  |
| Phlomis fruiticosa AGM                    | 30-40               | 3L                      |                       | Branched, min 4 breaks   | 4-5  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      | 7-9            |        |              | 2nd              | М               | 0                                       | D                                       |              | С  |
| Phormium 'Sundowner' AGM                  | 40-60               | 3L                      |                       | Full pot. Healthy crown  | 4-5  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      |                |        |              | 2nd/F            | М               | 0                                       | D                                       |              | С  |
| Phormium 'Sundowner' AGM                  | 60-80               | 5L                      |                       | Full pot. 2-3 crown  | 2-3  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      |                |        |              | 2nd/F            | M               | 0                                       |   |              | С  |
| Phormium 'Sundowner' AGM                  | 80-100              | IOL                     |                       | Full pot. 3-4 crown  | I  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      |                |        |              | 2nd/F            | М               | 0                                       |   | E            | С  |
| Phormium 'Surfer Bronze'                  | 30-40               | 3L                      |                       | Full pot. Min 8 leaves   | 4-5  |   | E                                  | frost                    | 5 to .75                   | Medium      |                |        |              | 1st-2nd          | М               | 0                                       | D                                       |              | С  |
| Phormium 'Surfer Bronze'                  | 40-50               | 5L                      |                       | Full pot. Min 12 leaves  | 2-3  |   | E                                  | frost                    | 5 to .75                   | Medium      |                |        |              | Ist-2nd          | М               | 0                                       | D                                       |              | С  |
| Phormium 'Surfer Green'                   | 30-40               | 3L                      |                       | Full pot. Min 8 leaves   | 4-5  |   | E                                  | frost                    | 5 to .75                   | Medium      |                |        |              | 1st-2nd          | М               | 0                                       | D                                       |              | С  |
| Phormium 'Surfer Green'                   | 40-50               | 5L                      |                       | Full pot. Min 12 leaves  | 2-3  |   | E                                  | frost                    | 5 to .75                   | Medium      |                |        |              | 1st-2nd          | М               | 0                                       | D                                       |              | С  |
| Phormium tenax AGM                        | 50-60               | 3L                      |                       | Full pot. Min 7 leaves   | 4-5  |   | E                                  | frost                    | 3 to 5                     | Fast        |                |        |              | 3rd/F            | М               | 0                                       | D                                       |              | С  |
| Phormium tenax AGM                        | 60-80               | 5L                      |                       | Full pot. Min 10 leaves  | 2-3  |   | E                                  | frost                    | 3 to 5                     | Fast        |                |        |              | 3rd/F            | М               | 0                                       | D                                       |              | С  |
| Phormium tenax AGM                        | 80-100+             | I OL                    |                       | Full pot. Min 15 leaves  | 1-2  |   | E                                  | frost                    | 3 to 5                     | Fast        |                |        |              | 3rd/F            | М               | 0                                       | D                                       |              | С  |

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| shrubs                                 |     | Spec21 size -<br>cm | Spec21 pot size - Litre | Bare Root (in season) | Spec21 Specification -<br>breaks(branches) should be in the lower<br>third | Suggested planting density per<br>square metre | Hedging suggested no. per<br>linear metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Native | Bio diversiy | DesiGCn<br>layer | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions Very wet conditions | Exposed site | Coastal conditions Potentially harmful (RHS) |
|--|-----|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|--------|--------------|------------------|-----------------|---|---|--------------|--|
| Phormium tenax 'Bronze Baby'           |     | 30-40               | 3L                      |                       | Full pot. Min 8 leaves   | 4-5  |   | Е                                  | frost                    | 0.5 to 1.5                 | Medium      |                |        |              | Ist-2nd/F        | М               | 0                                       | D                                       | (            | С  |
| Phormium tenax 'Bronze Baby'           |     | 60-90               | 5L                      |                       | Full pot. Min 12 leaves  | 2-3  |   | Е                                  | frost                    | 0.5 to 1.5                 | Medium      |                |        |              | Ist-2nd/F        | М               | 0                                       | D                                       | (            | С  |
| Phormium tenax 'Purpureum' AGM         |     | 40-60               | 3L                      |                       | Full pot. Healthy crown  | 3-5  |   | Е                                  | fully                    | 1.5 to 3                   | Fast        |                |        |              | 3rd-4th/F        | М               | 0                                       | D                                       | (            | С  |
| Phormium tenax 'Purpureum' AGM         |     | 60-90               | 5L                      |                       | Full pot. 2-3 crown  | 2-3  |   | E                                  | fully                    | 1.5 to 3                   | Fast        |                |        |              | 3rd-4th/F        | М               | 0                                       | D                                       | (            | С  |
| Phormium tenax 'Purpureum' AGM         |     | 80-100              | IOL                     |                       | Full pot. 3-4 crown  | 1-2  |   | E                                  | fully                    | 1.5 to 3                   | Fast        |                |        |              | 3rd-4th/F        | М               | 0                                       | D                                       |              | С  |
| Phormium tenax Variegata AGM           |     | 40-60               | 3L                      |                       | Full pot. Healthy crown  | 4-5  |   | Е                                  | fully                    | 1.5 to 2                   | Fast        |                |        |              | 3rd-4th/F        | М               | 0                                       | D                                       | (            | С  |
| Phormium tenax Variegata AGM           |     | 60-80               | 5L                      |                       | Full pot. 2-3 crown  | 2-3  |   | E                                  | fully                    | 1.5 to 2                   | Fast        |                |        |              | 3rd-4th/F        | М               | 0                                       | D                                       | (            | С  |
| Phormium tenax Variegata AGM           |     | 80-100+             | I OL                    |                       | Full pot. 3-4 crown  |  |   | E                                  | fully                    | 1.5 to 2                   | Fast        |                |        |              | 3rd-4th/F        | М               | 0                                       | D                                       |              | С  |
| Phormium 'Yellow Wave' AGM             |     | 40-60               | 3L                      |                       | Full pot. Healthy crown  | 4-5  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      |                |        |              | 2nd/F            | М               | 0                                       | D                                       | (            | С  |
| Phormium 'Yellow Wave' AGM             |     | 60-80               | 5L                      |                       | Full pot. 2-3 crown  | 2-3  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      |                |        |              | 2nd/F            | М               | 0                                       |   | (            | С  |
| Phormium 'Yellow Wave' AGM             |     | 80-100              | I OL                    |                       | Full pot. 3-4 crown  |  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      |                |        |              | 2nd/F            | М               | 0                                       |   | Ε (          | С  |
| Photinia x fraseri 'Camilvy'           |     | 30-40               | 3L                      |                       | Branched, min 6 breaks   | 3-4  | 4-5                                       | E                                  | fully                    | 1.5 to 3                   | Medium      | 5-6            |        |              | 2nd-3rd          | M               | 0                                       |   | Ε (          | С  |
| Photinia x fraseri 'Camilvy'           |     | 40-60               | 5L                      |                       | Branched, min 6 breaks   | 2-3  | 2-3                                       | Е                                  | fully                    | 1.5 to 3                   | Medium      |                |        |              | 2nd-3rd          | М               | 0                                       |   | Ε (          | С  |
| Photinia x fraseri 'Camilvy'           |     | 60-80               | I OL                    |                       | Branched, min 8 breaks   | 1-2  | I-2                                       | E                                  | fully                    | 1.5 to 3                   | Medium      |                |        |              | 2nd-3rd          | М               | 0                                       |   | Ε (          | С  |
| Photinia x fraseri 'Red Robin' AGM     |     | 30-40               | 3L                      |                       | Branched, min 3 breaks   | 3-4  | 4-5                                       | E                                  | fully                    | 1.5 to 3                   | Medium      | 5-6            |        |              | 3rd-4th          | M & CH          | 0                                       |   |              |  |
| Photinia x fraseri 'Red Robin' AGM     |     | 40-60               | 5L                      |                       | Branched, min 6 breaks   | 2-3  | 2-3                                       | E                                  | fully                    | 1.5 to 3                   | Medium      |                |        |              | 3rd-4th          | M & CH          | 0                                       |   |              |  |
| Photinia x fraseri 'Red Robin' AGM     |     | 60-80               | IOL                     |                       | Branched, min 8 breaks   | 1-2  | I-2                                       | E                                  | fully                    | 1.5 to 3                   | Medium      |                |        |              | 3rd-4th          | M & CH          | 0                                       |   |              |  |
| Photinia x fraseri 'Red Robin' AGM     |     | 80-100              | 15L                     |                       | Branched, min 8 breaks   | ı  | I   | E                                  | fully                    | 1.5 to 3                   | Medium      |                |        |              | 3rd-4th          | M & CH          | 0                                       |   |              |  |
| Pinus mugo - dwarf spreading varieties |     | 20-30dia            | 3L                      |                       | Bushy, min 4 breaks  | 4-5  |   | E                                  | fully                    | 0.9-1.5                    | Medium      |                |        | Bio          | Ist-2nd          | М               | 0                                       |   | Ε (          | С  |
| Pinus mugo - dwarf spreading varieties |     | 30-40dia            | 5L                      |                       | Bushy, min 6 breaks  | 2-3  |   | Е                                  | fully                    | 0.9-1,5                    | Medium      |                |        | Bio          | Ist-2nd          | М               | 0                                       |   | Ε (          | С  |
| Pinus mugo - dwarf spreading varieties |     | 40-60dia            | IOL                     |                       | Bushy, min 8 breaks  | 1-2  |   | E                                  | fully                    | 0.9-1.5                    | Medium      |                |        | Bio          | Ist-2nd          | М               | 0                                       |   | Ε (          | С  |
| Pinus mugo - dwarf spreading varieties |     | 60-80dia            | I5L                     |                       | Bushy, min 10 breaks   | ı  |   | E                                  | fully                    | 0.9-1.5                    | Medium      |                |        | Bio          | Ist-2nd          | М               | 0                                       |   | Ε (          | С  |
| Pittosporum tenuifolium AGM            |     | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 3-4  | 4-5                                       | Е                                  | frost                    | 1.5 to 3                   | Fast        | 8-9            |        |              | 3rd              | М               | 0                                       |   | (            | С  |
| Pittosporum tenuifolium AGM            |     | 40-60               | 5L                      |                       | Bushy, min 6 breaks  | 2-3  | 2-3                                       | E                                  | frost                    | 1.5 to 3                   | Fast        | 8-9            |        |              | 3rd              | М               | 0                                       |   | (            | С  |
| Pittosporum tenuifolium AGM            |     | 6080                | I O L                   |                       | Bushy, min 6 breaks  | I  | I-2                                       | Е                                  | frost                    | 1.5 to 3                   | Fast        | 8-9            |        |              | 3rd              | М               | 01                                      |   | (            | С  |
| Pittosporum tenuifolium 'Tom Thumb'    | AGM | 20-30               | 3L                      |                       | Bushy, min 4 breaks  | 3-4  | 4-5                                       | E                                  | frost                    | 0.6                        | Fast        | 8-9            |        |              | 1st-2nd          | М               | 0                                       |   | (            | С  |
| Pittosporum tenuifolium 'Tom Thumb'    | AGM | 40-60               | 5L                      |                       | Bushy, min 6 breaks  | 2-3  | 2-3                                       | Е                                  | frost                    | 0.6                        | Fast        | 8-9            |        |              | 1st-2nd          | М               | 01                                      |   | (            | С  |
| Pittosporum variegated varieties       |     | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 3-4  | 4-5                                       | E                                  | frost                    | 1.5 to 3                   | Fast        | 8-9            |        |              | 3rd              | М               | 01                                      |   |              | С  |

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| Pittosporum variegated varieties       | 40-60               | 5L                      |                       | Bushy, min 6 breaks  | 2-3  | 2-3                                       | Е                                  | frost                    | 1.5 to 3                   | Fast        | 8-9            |        |              | 3rd              | М               | 01                                      |  | С   |
| Pittosporum variegated varieties       | 6080                | IOL                     |                       | Bushy, min 6 breaks  | I  | I-2                                       | Е                                  | frost                    | 1.5 to 3                   | Fast        | 8-9            |        |              | 3rd              | М               | 01                                      |  | С   |
| Pittosporum tobira 'Nanum'             | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 3-4  |   | E                                  | frost                    | 0.9-1.2                    | Slow        | 6-7            |        |              | 2nd              | М               | 01                                      |  |   |
| Pittosporum tobira 'Nanum'             | 40-60               | 5L                      |                       | Bushy, min 6 breaks  | 2-3  |   | E                                  | frost                    | 0.9-1.2                    | Slow        | 6-7            |        |              | 2nd              | М               | 0                                       |  |   |
| Potentilla fruticosa 'Abbotswood' AGM  | 20-30 dia           | 3L                      |                       | Bushy, min 3 breaks  | 4-5  |   |                                    | fully                    | 0.9-1.2                    | Fast        | 5-10           | Nat    |              | 2nd-3rd          | М               | 0                                       | E  | С   |
| Potentilla fruticosa 'Abbotswood' AGM  | 30-40 dia           | 5L                      |                       | Bushy, min 5 breaks  | 2-3  |   |                                    | fully                    | 0.9-1.2                    | Fast        | 5-10           | Nat    |              | 2nd-3rd          | М               | 01                                      | E  | С   |
| Potentilla fruticosa 'Goldfinger'      | 20-30 dia           | 3L                      |                       | Bushy, min 3 breaks  | 4-5  |   |                                    | fully                    | 0.9-1.2                    | Fast        | 5-10           | Nat    |              | 2nd              | М               | 01                                      | E  | С   |
| Potentilla fruticosa 'Goldfinger'      | 30-40 dia           | 5L                      |                       | Bushy, min 5 breaks  | 2-3  |   |                                    | fully                    | 0.9-1.2                    | Fast        | 5-10           | Nat    |              | 2nd              | М               | 01                                      | E  | С   |
| Potentilla fruticosa 'Pink Beauty' AGM | 20-30 dia           | 3L                      |                       | Bushy, min 4 breaks  | 4-5  |   |                                    | fully                    | ı                          | Fast        | 5-10           | Nat    |              | 2nd              | М               | 01                                      | Е  | С   |
| Potentilla fruticosa 'Pink Beauty' AGM | 30-40 dia           | 5L                      |                       | Bushy, min 5 breaks  | 2-3  |   |                                    | fully                    | ı                          | Fast        | 5-10           | Nat    |              | 2nd              | М               | 0                                       | E  | С   |
| Potentilla fruticosa 'Red Ace'         | 20-30 dia           | 3L                      |                       | Bushy, min 4 breaks  | 4-5  |   |                                    | fully                    | ı                          | Fast        | 5-10           | Nat    |              | Ist-2nd          | М               | 01                                      | E  | С   |
| Potentilla fruticosa 'Red Ace'         | 30-40 dia           | 5L                      |                       | Bushy, min 5 breaks  | 2-3  |   |                                    | fully                    | ı                          | Fast        | 5-10           | Nat    |              | Ist-2nd          | М               | 01                                      | E  | С   |
| Prunus x cistena 'Crimson Dwarf' AGM   | 40-60               | 3L                      |                       | Branched, min 3 breaks   | 3-4  | 4   |                                    | fully                    | 2-3                        | Fast        | 4              |        |              | 3rd-4th          | М               | 01                                      |  |   |
| Prunus x cistena 'Crimson Dwarf' AGM   | 60-80               | 5L                      |                       | Branched, min 5 breaks   | 2-3  | 3   |                                    | fully                    | 2-3                        | Fast        | 4              |        |              | 3rd-4th          | М               | 0                                       |  |   |
| Prunus incisa 'Kojo-no-mai'            | 40-60               | I OL                    |                       | Bushy min. 5 breaks  | 2  |   |                                    | fully                    | 1-1.5                      | Medium      | 4              |        |              | F                | М               | 0                                       |  |   |
| Prunus laurocerasus 'Cherry Brandy'    | 30-40 dia           | 3L                      |                       | Bushy, min 3 breaks  | 4-5  |   | E                                  | fully                    | 0.9-1.2                    | Medium      | 5-7            |        | Bio          | 2nd              | М               | 010                                     | D  | 1   |
| Prunus laurocerasus 'Cherry Brandy'    | 40-60 dia           | 5L                      |                       | Bushy, min 4 breaks  | 2-3  |   | Е                                  | fully                    | 0.9-1.2                    | Medium      | 5-7            |        | Bio          | 2nd              | М               | 010                                     | D  | 1   |
| Prunus laurocerasus 'Cherry Brandy'    | 60-80 dia           | I OL                    |                       | Bushy, min 5 breaks  | 1-2  |   | E                                  | fully                    | 0.9-1.2                    | Medium      | 5-7            |        | Bio          | 2nd              | М               | 010                                     | D  | 1   |
| Prunus laurocerasus 'Etna'             | 30-40               | 3L                      |                       | Bushy, min 3 breaks  | 4-5  | 5   | E                                  | fully                    | 1.8-2.2                    | Medium      | 5-7            |        | Bio          | 3rd-4th          | М               | 01                                      | E  | 1   |
| Prunus laurocerasus 'Etna'             | 40-60               | 5L                      |                       | Bushy, min 5 breaks  | 2-3  | 3   | Е                                  | fully                    | 1.8-2.2                    | Medium      | 5-7            |        | Bio          | 3rd-4th          | М               | 01                                      | E  | 1   |
| Prunus laurocerasus 'Etna'             | 60-80               | I OL                    |                       | Bushy, min 7 breaks  | 1-2  | 2   | E                                  | fully                    | 1.8-2.2                    | Medium      | 5-7            |        | Bio          | 3rd-4th          | М               | 01                                      | E  | 1   |
| Prunus laurocerasus 'Etna'             | 100-125             | 20L                     |                       | Bushy, min 8 breaks  | I  |   | E                                  | fully                    | 1.8-2.2                    | Medium      | 5-7            |        | Bio          | 3rd-4th          | М               | 01                                      | E  | 1   |
| Prunus Iusitanica 'Myrtifolia'         | 30-40               | 3L                      |                       | Bushy, min 3 breaks  | 3-4  | 3-4                                       | E                                  | fully                    | 3-4                        | Medium      |                |        | Bio          | 3rd-4th          | М               | 01                                      |  | 1   |
| Prunus Iusitanica 'Myrtifolia'         | 70-80               | 5L                      |                       | Bushy, min 5 breaks  | 2-3  | 2-3                                       | E                                  | fully                    | 3-4                        | Medium      |                |        | Bio          | 3rd-4th          | М               | 0                                       |  | 1   |
| Prunus Iusitanica 'Myrtifolia'         | 80-100              | 10L                     |                       | Bushy, min 7 breaks  | 1-2  | 2.5                                       | E                                  | fully                    | 3-4                        | Medium      |                |        | Bio          | 3rd-4th          | М               | 0                                       |  | 1   |
| Prunus laurocerasus 'Otto Luyken' AGM  | 30-40               | 3L                      |                       | Bushy, min 3 breaks  | 4-5  | 4   | E                                  | fully                    | 0.9-1.2                    | Medium      | 5-7            |        | Bio          | 2nd-3rd          | М               | 01                                      | D  | 1   |
| Prunus laurocerasus 'Otto Luyken' AGM  | 40-60               | 5L                      |                       | Bushy, min 5 breaks  | 3-4  | 2-3                                       | Е                                  | fully                    | 0.9-1.2                    | Medium      | 5-7            |        | Bio          | 2nd-3rd          | М               | 0                                       | D  | 1   |
| Prunus laurocerasus 'Otto Luyken' AGM  | 60-80               | I OL                    |                       | Bushy, min 7 breaks  | 2  |   | Е                                  | fully                    | 0.9-1.2                    | Medium      | 5-7            |        | Bio          | 2nd-3rd          | М               | 01                                      | D  | !   |

Soil preference: ALK/CH = Alkaline (Chalky) AC= Acid M = Most Hardiness: frost = to -8C fully = to -15C +

**Design layers** (mature height): GC = 20-30cm 1st = 30-60cm 2nd = 60-90cm 3rd = 90-150cm 4th = 150cm + F = Feature plant

Extremes: Particualr varieties will tolerate certain extreme conditions where indicated once established on site Native: as defined by Natural History Museum Bio diversity: provides natural habit/food for insects and birdlife

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| shrubs                                   | Spec2I size -<br>cm | Spec21 pot size - Litre | Bare Root (in season) | Spec21 Specification -<br>breaks(branches) should be in the lower<br>third | Suggested planting density per<br>square metre | Hedging suggested no. per<br>linear metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Native | Bio diversiy | DesiGCn<br>layer | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions Very wet conditions | x pos | Potentially harmful (RHS) |
|--|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|--------|--------------|------------------|-----------------|---|---|-------|---------------------------|
| Prunus laurocerasus 'Otto Luyken' AGM    | 80-100              | 15L                     |                       | Bushy, min 8 breaks  | I  |   | Е                                  | fully                    | 0.9-1.2                    | Medium      | 5-7            |        | Bio          | 2nd-3rd          | М               | 01                                      | D                                       |       | 1                         |
| Prunus laurocerasus 'Rotundifolia'       | 40-60               | 3L                      |                       | Bushy, min 3 breaks  | 3-4  | 3-4                                       | E                                  | fully                    | 3 to 5                     | Fast        | 5-7            |        | Bio          | 3rd-4th          | М               | 010                                     | D                                       | Е     | 1                         |
| Prunus laurocerasus 'Rotundifolia'       | 60-80               | 5L                      |                       | Bushy, min 5 breaks  | 2-3  | 2-3                                       | E                                  | fully                    | 3 to 5                     | Fast        | 6-7            |        | Bio          | 3rd-4th          | М               | 010                                     | D                                       | E     | 1                         |
| Prunus laurocerasus 'Rotundifolia'       | 40-60               | 3L                      |                       | Bushy, min 3 breaks  | 3-4  | 3-4                                       | E                                  | fully                    | 3 to 5                     | Fast        | 5-7            |        | Bio          | 3rd-4th          | М               | 010                                     | D                                       | E     | 1                         |
| Prunus laurocerasus 'Rotundifolia'       | 60-80               | 5L                      |                       | Bushy, min 5 breaks  | 2-3  | 2-3                                       | E                                  | fully                    | 3 to 5                     | Fast        | 6-7            |        | Bio          | 3rd-4th          | М               | 010                                     | D                                       | E     | !                         |
| Prunus laurocerasus 'Zabelliana'         | 30-40D              | 3L                      |                       | Bushy, min 3 breaks  | 3-4  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      | 6-7            |        | Bio          | 3rd              | М               | 010                                     | D                                       | E     | 1                         |
| Prunus laurocerasus 'Zabelliana'         | 40-60D              | 5L                      |                       | Bushy, min 5 breaks  | 2-3  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      | 6-7            |        | Bio          | 3rd              | М               | 010                                     | D                                       | E     | !                         |
| Prunus laurocerasus 'Zabelliana'         | 60-80D              | IOL                     |                       | Bushy, min 7 breaks  | I-2  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      | 6-7            |        | Bio          | 3rd              | М               | 010                                     | D                                       | Е     | 1                         |
| Prunus Iusitanica                        | 40-60               | 3L                      |                       | Bushy, min 3 breaks  | 3-4  |   | E                                  | fully                    | 4-5                        | Fast        | 6-7            |        | Bio          | 3rd-4th          | М               | 010                                     | D                                       | Е     | !                         |
| Prunus Iusitanica                        | 60-80               | 5L                      |                       | Bushy, min 4 breaks  | 2-3  | 3   | E                                  | fully                    | 3 to 5                     | Fast        | 6-7            |        | Bio          | 3rd-4th          | М               | 010                                     | D                                       | E     | 1                         |
| Prunus Iusitanica                        | 80-100              | IOL                     |                       | Bushy, min 6 breaks  | 1-2  | 2   | E                                  | fully                    | 3 to 5                     | Fast        | 6-7            |        | Bio          | 3rd-4th          | М               | 010                                     | D                                       | E     | 1                         |
| Pyracantha coccinea 'Red Cushion'        | 30-40 dia           | 3L                      |                       | Bushy, min 5 breaks  | 3-4  |   | E                                  | fully                    | 0.6                        | Medium      | 5              |        | Bio          | Ist-2nd          | М               | 01                                      |   | E C   |                           |
| Pyracantha coccinea 'Red Cushion'        | 40-60 dia           | 5L                      |                       | Bushy, min 7 breaks  | 2-3  |   | E                                  | fully                    | 0.6                        | Medium      | 5              |        | Bio          | 1st-2nd          | М               | 01                                      |   | E C   |                           |
| Pyracantha coccinea 'Red Cushion'        | 40-60 dia           | IOL                     |                       | Bushy, min 9 breaks  | 1-2  |   | E                                  | fully                    | 0.6                        | Medium      | 5              |        | Bio          | 1st-2nd          | М               | 01                                      |   | E C   | :                         |
| Pyracantha 'Cadaune' (sapho jaune)       | 40-60               | 3L                      |                       | Leader and laterals, min 4 branches  | 3-4  | 5   | E                                  | fully                    | 2-3                        | Medium      | 5              |        | Bio          | 3-4              | М               | 01                                      |   | C     | :                         |
| Pyracantha 'Cadaune' (sapho jaune)       | 60-90               | 5L                      |                       | Leader and laterals, min 5 branches  | 2-3  | 3   | E                                  | fully                    | 2-3                        | Medium      | 5              |        | Bio          | 3-4              | М               | 01                                      |   | c     | :                         |
| Pyracantha 'Cadaune' (sapho jaune)       | 90-120              | IOL                     |                       | Leader and laterals, min 6 branches  | 1-2  | 2   | E                                  | fully                    | 2-3                        | Medium      | 5              |        | Bio          | 3-4              | М               | 01                                      |   | C     | :                         |
| Pyracantha 'Cadrange' (sapho orange) AGM | 40-60               | 3L                      |                       | Leader and laterals, min 4 branches  | 3-4  | 5   | E                                  | fully                    | 2-3                        | Medium      | 5              |        | Bio          | 3-4              | М               | 01                                      |   | c     | :                         |
| Pyracantha 'Cadrange' (sapho orange) AGM | 60-90               | 5L                      |                       | Leader and laterals, min 5 branches  | 2-3  | 3   | E                                  | fully                    | 2-3                        | Medium      | 5              |        | Bio          | 3-4              | М               | 01                                      |   | C     | :                         |
| Pyracantha 'Cadrange' (sapho orange) AGM | 90-120              | IOL                     |                       | Leader and laterals, min 6 branches  | 1-2  | 2   | E                                  | fully                    | 2-3                        | Medium      | 5              |        | Bio          | 3-4              | М               | 01                                      |   | C     | : [ ]                     |
| Pyracantha 'Cadrou' (sapho rouge) AGM    | 40-60               | 3L                      |                       | Leader and laterals, min 4 branches  | 3-4  | 5   | E                                  | fully                    | 2-3                        | Medium      | 5              |        | Bio          | 3-4              | М               | 01                                      |   | C     | :                         |
| Pyracantha 'Cadrou' (sapho rouge) AGM    | 60-90               | 5L                      |                       | Leader and laterals, min 5 branches  | 2-3  | 3   | E                                  | fully                    | 2-3                        | Medium      | 5              |        | Bio          | 3-4              | М               | 01                                      |   | C     | :                         |
| Pyracantha 'Cadrou' (sapho rouge) AGM    | 90-120              | IOL                     |                       | Leader and laterals, min 6 branches  | 1-2  | 2   | E                                  | fully                    | 2-3                        | Medium      | 5              |        | Bio          | 3-4              | М               | 01                                      |   | C     | :                         |
| Pyracantha 'Soleil d'Or'                 | 30-40               | 3L                      |                       | Leader and laterals, min 4 branches  | 3-4  |   | E                                  | fully                    | 1-1.5                      | Medium      | 5              |        | Bio          | 3                | М               | 01                                      |   | C     | :                         |
| Pyracantha 'Soleil d'Or'                 | 40-60               | 5L                      |                       | Leader and laterals, min 5 branches  | 2-3  |   | E                                  | fully                    | 1-1.5                      | Medium      | 5              |        | Bio          | 3                | М               | 01                                      |   | C     |                           |
| Pyracantha 'Victory'                     | 40-60               | 3L                      |                       | Leader and laterals, min 4 branches  | 4-5  | 5   | E                                  | fully                    | 1-1.5                      | Fast        | 5              |        | Bio          | 3-4              | М               | 01                                      |   | c     |                           |
| Pyracantha 'Victory'                     | 70-90               | 5L                      |                       | Leader and laterals, min 5 branches  | 3-4  | 3   | Е                                  | fully                    | 1.5-2                      | Fast        | 5              |        | Bio          | 3-4              | М               | 01                                      |   | C     |                           |
| Pyracantha 'Victory'                     | 90-120              | IOL                     |                       | Leader and laterals, min 6 branches  | 1-2  | 2   | E                                  | fully                    | 1.5-2                      | Fast        | 5              |        | Bio          | 3-4              | М               | 01                                      |   |       |                           |

KEY Soil preference: ALK /CH= Alkaline (Chalky) AC= Acid M = Most types Hardiness: frost = to -8C fully = to -15C +

 $\textbf{Design layers} \; (mature \; height): GC = 20\text{-}30\text{cm} \quad 1\text{st} = 30\text{-}60\text{cm} \quad 2\text{nd} = 60\text{-}90\text{cm} \quad 3\text{rd} = 90\text{-}150\text{cm} \quad 4\text{th} = 150\text{cm} + \; F = \; Feature \; plant$ 

Extremes: Particualr varieties will tolerate certain extreme conditions where indicated once established on site Native: as defined by Natural History Museum Bio diversity: provides natural habit/food for insects and birdlife

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| shrubs                         | Spec21 size -<br>cm | Spec2l pot size - Litre | Bare Root (in season) | Spec21 Specification -<br>breaks(branches) should be in the lower<br>third | Suggested planting density per<br>square metre | Hedging suggested no. per<br>linear metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Native | Bio diversiy | DesiGCn<br>layer | Soil prefereMce | Sun/semi shade/full shade preference | Very dry conditions | Exposed site | Coastal conditions Potentially harmful (RHS) |
|--------------------------------|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|--------|--------------|------------------|-----------------|--------------------------------------|---------------------|--------------|--|
| Rhus typhina AGM               | 40-60               | 3L                      |                       | Leader and laterals.   | 2  |   |                                    | fully                    | 3 to 5                     | Fast        | 7              |        |              | 3rd/F            | М               | 01                                   | D                   |              |  |
| Rhus typhina AGM               | 60-80               | 5L                      |                       | Leader and laterals.   | 2  |   |                                    | fully                    | 3 to 5                     | Fast        | 7              |        |              | 3rd/F            | М               | 0                                    | D                   |              |  |
| Rhus typhina AGM               | 80-100              | I OL                    |                       | Leader and laterals.   | I  |   |                                    | fully                    | 3 to 5                     | Fast        | 7              |        | Bio          | 3rd/F            | М               | 0                                    | D                   |              |  |
| Rhus typhina 'Dissecta'        | 30-40               | 3L                      |                       | Leader and laterals.   | 2  |   |                                    | fully                    | 3 to 5                     | Fast        | 7              |        | Bio          | 3rd/F            | М               | 0                                    | D                   |              |  |
| Rhus typhina 'Dissecta'        | 60-80               | 5L                      |                       | Leader and laterals.   | 2  |   |                                    | fully                    | 3 to 5                     | Fast        | 7              |        | Bio          | 3rd/F            | М               | 0                                    | D                   |              |  |
| Rhus typhina 'Dissecta'        | 80-100              | I OL                    |                       | Leader and laterals.   | I  |   |                                    | fully                    | 3 to 5                     | Fast        | 7              |        | Bio          | 3rd/F            | М               | 01                                   | D                   |              |  |
| Rosa canina                    | 30-40               | 2L                      |                       | Bushy, min 3 breaks  | 3-4  |   |                                    | fully                    | 1.5 to 3                   | Fast        | 5              | Nat    | Bio          | 3rd              | М               | 01                                   | D                   | E C          |  |
| Rosa canina                    | 30-40               |                         | BR                    | Bushy, min 2 breaks  | 3-4  |   |                                    | fully                    | 1.5 to 3                   | Fast        | 5              | Nat    | Bio          | 3rd              | М               | 01                                   | D                   | E C          |  |
| Rosa 'Frau Dugmar Hastrup' AGM | 30-40               | 3L                      |                       | Bushy, min 2 breaks  | 3-4  | 4-5                                       |                                    | fully                    | 0.5 to 1.5                 | Medium      | 5-7            |        | Bio          | 2nd              | М               | 01                                   |                     | (            | С  |
| Rosa 'Frau Dugmar Hastrup' AGM | 40-60               | 5L                      |                       | Bushy, min 3 breaks  | 2-3  | 4-5                                       |                                    | fully                    | 0.5 to 1.5                 | Medium      | 5-7            |        |              | 2nd              | М               | 0                                    |                     | (            | С  |
| Rosa 'Gwent'                   | 30-40               | 3L                      |                       | Bushy, min 3 breaks  | 3-4  |   |                                    | fully                    | 0.5                        | Medium      | 5-10           |        |              | lst              | М               | 01                                   |                     | E C          | 2  |
| Rosa 'Gwent'                   | 40-60               | 5L                      |                       | Bushy, min 6 breaks  | 2-3  |   |                                    | fully                    | 0.5                        | Medium      | 5-10           |        |              | lst              | М               | 0                                    |                     | E C          |  |
| Rosa 'Gwent'                   | 60-80               | I OL                    |                       | Bushy, min 8 breaks  | I-2  |   |                                    | fully                    | 0.5                        | Medium      | 5-10           |        |              | lst              | М               | 0                                    |                     | E C          |  |
| Rosa 'Hertfordshire' AGM       | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 3-4  |   |                                    | fully                    | 0.5                        | Medium      | 5-10           |        |              | lst              | М               | 0                                    |                     | E C          |  |
| Rosa 'Hertfordshire' AGM       | 40-60               | 5L                      |                       | Bushy, min 6 breaks  | 2-3  |   |                                    | fully                    | 0.5                        | Medium      | 5-10           |        |              | lst              | М               | 0                                    |                     | E C          | 2  |
| Rosa 'Hertfordshire' AGM       | 60-80               | IOL                     |                       | Bushy, min 9 breaks  | 1-2  |   |                                    | fully                    | I                          | Medium      | 5-10           |        |              | lst              | М               | 0                                    |                     | E C          |  |
| Rosa 'Kent'                    | 30-40               | 3L                      |                       | Bushy, min 3 breaks  | 3-4  | 4-5                                       |                                    | fully                    | I                          | Medium      | 5-10           |        |              | 2nd              | М               | 0                                    |                     | (            | С  |
| Rosa 'Kent'                    | 40-60               | 5L                      |                       | Bushy, min 5 breaks  | 2-3  | 3   |                                    | fully                    | I                          | Medium      | 5-10           |        |              | 2nd              | М               | 0                                    |                     | (            | С  |
| Rosa 'Kent'                    | 60-80               | I OL                    |                       | Bushy, min 7 breaks  | I-2  | I-2                                       |                                    | fully                    | I                          | Medium      | 5-10           |        |              | lst              | М               | 0                                    |                     | (            | С  |
| Rosa 'Suffolk'                 | 20-30               | 3L                      |                       | Bushy, min 3 breaks  | 4-5  |   |                                    | fully                    | 0.6                        | Medium      | 5-10           |        |              | lst              | М               | 0                                    |                     | (            | С  |
| Rosa 'Suffolk'                 | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 3-4  |   |                                    | fully                    | 0.6                        | Medium      | 5-10           |        |              | lst              | М               | 0                                    |                     | (            | С  |
| Rosa 'Suffolk'                 | 40-60               | 5L                      |                       | Bushy, min 6 breaks  | 2-3  |   |                                    | fully                    | 0.6                        | Medium      | 5-10           |        |              | lst              | М               | 0                                    |                     | (            | С  |
| Rosa 'Suffolk'                 | 60-80               | I OL                    |                       | Bushy, min 8 breaks  | 1-2  |   |                                    | fully                    | 0.6                        | Medium      | 5-10           |        |              | lst              | М               | 01                                   |                     |              | С  |
| Rosa 'White Max Graf'          | 20-30dia            | 2L                      |                       | Bushy, min 3 breaks  | 4-5  |   |                                    | fully                    | 0.6                        | Medium      | 5-8            |        |              | lst              | М               | 0                                    |                     | (            | С  |
| Rosa 'White Max Graf'          | 20-30dia            | 3L                      |                       | Bushy, min 4 breaks  | 3-4  |   |                                    | fully                    | 0.6                        | Medium      | 5-8            |        |              | lst              | М               | 01                                   |                     | (            | С  |
| Rosa 'White Max Graf'          | 30-40dia            | 5L                      |                       | Bushy, min 5 breaks  | 2-3  |   |                                    | fully                    | 0.6                        | Medium      | 5-8            |        |              | lst              | М               | 0                                    |                     | (            | С  |
| Rosa 'White Max Graf'          | 40-60dia            | I OL                    |                       | Bushy, min 7 breaks  | 1-2  |   |                                    | fully                    | 0.5                        | Medium      | 5-8            |        |              | lst              | М               | 01                                   |                     | (            | c  |

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| shrubs                                      | Spec21 size -<br>cm | Spec21 pot size - Litre | Bare Root (in season) | Spec21 Specification -<br>breaks(branches) should be in the lower<br>third | Suggested planting density per<br>square metre | Hedging suggested no. per<br>linear metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Native | Bio diversiy | DesiGCn<br>layer | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions Very wet conditions | Coastal conditions | Potentially harmful (RHS) |
|---|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|--------|--------------|------------------|-----------------|---|---|--------------------|---------------------------|
| Rosmarinus officinalis                      | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 3-4  | 3-4                                       | Е                                  | fully                    | 1-1.5                      | Medium      | 5-7            |        |              | 2nd-3rd          | M & CH          | 0                                       | D                                       | С                  |                           |
| Rosmarinus officinalis                      | 40-60               | 5L                      |                       | Bushy, min 6 breaks  | 3-4  | 2-3                                       | Е                                  | fully                    | 1-1.5                      | Medium      | 5-7            |        |              | 2nd-3rd          | M & CH          | 0                                       | D                                       | С                  |                           |
| Rosmarinus officinalis                      | 60-80               | IOL                     |                       | Bushy, min 8 breaks  | 2-3  | I-2                                       | E                                  | fully                    | 1-1.5                      | Medium      | 5-7            |        |              | 2nd-3rd          | M & CH          | 0                                       | D                                       | С                  |                           |
| Rosmarinus off. 'Miss Jessopps Upright' AGM | 40-60               | 3L                      |                       | Bushy, min 4 breaks  | 3-4  | 4-5                                       | E                                  | fully                    | 1-1.5                      | Medium      | 5-8            |        |              | 2nd              | M & CH          | 0                                       | D                                       | С                  |                           |
| Rosmarinus off. 'Miss Jessopps Upright' AGM | 40-60               | 5L                      |                       | Bushy, min 6 breaks  | 2-3  | 3-4                                       | Е                                  | fully                    | 1-1.5                      | Medium      | 5-8            |        |              | 2nd              | M & CH          | 0                                       | D                                       | С                  |                           |
| Rosmarinus off. 'Miss Jessopps Upright' AGM | 60-80               | I OL                    |                       | Bushy, min 8 breaks  | 1-2  | 2-3                                       | Е                                  | fully                    | 1-1.5                      | Medium      | 5-8            |        |              | 2nd              | M & CH          | 0                                       | D                                       | С                  |                           |
| Rosmarinus officinalis 'Prostrata'          | 20-30dia            | 3L                      |                       | Bushy, min 4 breaks  | 4-5  |   | E                                  | frost                    | 0.5                        | Medium      | 5-7            |        |              | lst              | М               | 0                                       | D                                       | С                  |                           |
| Rosmarinus officinalis 'Prostrata'          | 30-40dia            | 5L                      |                       | Bushy, min 6 breaks  | 3-4  |   | Е                                  | frost                    | 0.5                        | Medium      | 5-7            |        |              | lst              | М               | 0                                       | D                                       | С                  |                           |
| Rubus pentalobus 'Green Carpet'             | 25-30 dia           | 2L                      |                       | Full pot , min 5 breaks  | 4-5  |   | E                                  | fully                    | 00.3 max                   | Fast        | 6-7            |        |              | GC               | М               | 0                                       |   |                    |                           |
| Rubus thibetanus AGM                        | 40-60               | 3L                      |                       | Branched, min 3 breaks   | 2-3  |   |                                    | fully                    | 1.5-2                      | Medium      |                |        |              | 3rd              | М               | 010                                     | D                                       |                    |                           |
| Rubus thibetanus AGM                        | 60-80               | 5L                      |                       | Branched, min 5 breaks   | 1-2  |   |                                    | fully                    | 1.5-2                      | Medium      |                |        |              | 3rd              | М               | 010                                     |   |                    |                           |
| Rubus thibetanus AGM                        | 60-80               | IOL                     |                       | Branched, min 7 breaks   | I  |   |                                    | fully                    | 1.5-2                      | Medium      |                |        |              | 3rd              | М               | 010                                     |   |                    |                           |
| Ruscus aculeatus                            | 30-40               | 3L                      |                       | Branched, min 3 breaks   | 4-5  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      |                | Nat    | Bio          | 2nd              | M & CH          | 10                                      | D                                       |                    |                           |
| Salix alba 'Chermesina' (britzensis) AGM    | 60-80               |                         | BR                    | 0/1, branched, min 2 branches  |  |   |                                    | fully                    | 10+                        | Fast        |                | Nat    | Bio          | 4                | М               | 0                                       | W                                       | С                  |                           |
| Ruscus aculeatus                            | 30-40               | 3L                      |                       | Branched, min 3 breaks   | 4-5  |   | E                                  | fully                    | 0.5 to 1.5                 | Medium      |                | Nat    | Bio          | 2nd              | M & CH          | 10                                      | D                                       |                    |                           |
| Salix alba 'Chermesina' (britzensis) AGM    | 60-80               |                         | BR                    | 0/1, branched, min 2 branches  |  |   |                                    | fully                    | 10+                        | Fast        |                | Nat    | Bio          | 4                | М               | 0                                       | W                                       | С                  |                           |
| Salix alba 'Chermesina' (britzensis) AGM    | 60-80               | 3L                      |                       | Branched, min 3 breaks   | 2-3  |   |                                    | fully                    | 10+                        | Fast        |                | Nat    | Bio          | 4                | М               | 0                                       | W                                       | С                  |                           |
| Salix alba 'Chermesina' (britzensis) AGM    | 60-80               | 5L                      |                       | Branched, min 7 breaks   | 1.5  |   |                                    | fully                    | 10+                        | Fast        |                | Nat    | Bio          | 4                | М               | 0                                       | W                                       | С                  |                           |
| Salix alba 'Chermesina' (britzensis) AGM    | 80-100              | IOL                     |                       | Branched, min 7 breaks   | I  |   |                                    | fully                    | 10+                        | Fast        |                | Nat    | Bio          | 4-5              | М               | 0                                       | W                                       | С                  |                           |
| Salix alba 'Vitellina'                      | 60-80               | 3L                      |                       | Branched, min 3 breaks   | 2-3  |   |                                    | fully                    | 10+                        | Fast        |                | Nat    |              | 4-5              | М               | 0                                       | W                                       | С                  |                           |
| Salix alba 'Vitellina'                      | 60-80               | 5L                      |                       | Branched, min 7 breaks   | 1.5  |   |                                    | fully                    | 10+                        | Fast        |                | Nat    |              | 4-5              | М               | 0                                       | W                                       | С                  |                           |
| Salix alba 'Vitellina'                      | 80-100              | IOL                     |                       | Branched, min 7 breaks   | I  |   |                                    | fully                    | 10+                        | Fast        |                |        |              | 4-5              | М               | 01                                      | W                                       | С                  |                           |
| Salix eleaegnos                             | 40-60               |                         | BR                    | 0/1 Branched, min 3 breaks   |  |   |                                    | fully                    | 2-3                        | Fast        |                |        |              | 4-5              | М               | 0                                       | W                                       | С                  |                           |
| Salix eleaegnos                             | 60-80               |                         | BR                    | 0/2 Branched, min 5 breaks   |  |   |                                    | fully                    | 2-3                        | Fast        |                |        |              | 4-5              | М               | 0                                       | W                                       | С                  |                           |
| Salix elaeagnos                             | 40-60               | 3L                      |                       | Branched, min 5 breaks   | 2-3  |   |                                    | fully                    | 2-3                        | Fast        |                |        |              | 4-5              | М               | 01                                      | W                                       | С                  |                           |
| Salix lanata AGM                            | 20-30               | 2L                      |                       | Branched, min 2 breaks   | 4-6  |   |                                    | fully                    | 0.5-1                      | Slow        |                |        |              | İst              | М               | 01                                      |   |                    |                           |
| Salix Ianata AGM                            | 20-30               | 3L                      |                       | Branched, min 2 breaks   | 3-4  |   |                                    | fully                    | 0.5-1                      | Slow        |                |        |              | İst              | М               | 01                                      |   |                    |                           |
| Salix lanata AGM                            | 30-40               | 5L                      |                       | Branched, min 4 breaks   | 2-3  |   |                                    | fully                    | 0.5-1                      | Slow        |                |        |              | lst              | М               | 01                                      |   |                    |                           |

KEY Soil preference: ALK/CH = Alkaline (Chalky) AC= Acid M=Most types Hardiness: frost = to -8C fully = to -15C +

 $\textbf{Design layers} \; (\text{mature height}) : G \; \text{C= } 20\text{-}30\text{cm} \quad 1\text{st} = 30\text{-}60\text{cm} \quad 2\text{nd} = 60\text{-}90\text{cm} \quad 3\text{rd} = 90\text{-}150\text{cm} \quad 4\text{th} = 150\text{cm} + \text{ F= Feature plant}$ 

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| shrubs                                | Spec21 size -<br>cm | Spec21 pot size - Litre | Bare Root (in season) | Spec21 Specification -<br>breaks(branches) should be in the lower<br>third | Suggested planting density per<br>square metre | Hedging suggested no. per<br>linear metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Native | Bio diversiy | DesiGCn<br>layer | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions Very wet conditions | Exposed site Coastal conditions | Potentially harmful (RHS) |
|---------------------------------------|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|--------|--------------|------------------|-----------------|---|---|---------------------------------|---------------------------|
| Sambucus race. 'Sutherland Gold' AGM  | 40-60               | 3L                      |                       | Branched, min 3 breaks   | 3-4  |   |                                    | fully                    | 1.5 to 3                   | Fast        | 5-6            |        |              | 3rd              | M & CH          | 01                                      | W                                       |                                 |                           |
| Sambucus race. 'Sutherland Gold' AGM  | 60-90               | IOL                     |                       | Branched, min 4 breaks   | 1-2  |   |                                    | fully                    | 1.5 to 3                   | Fast        | 5-6            |        |              | 3rd              | M & CH          | 01                                      | W                                       |                                 | 1                         |
| Sambucus nigra 'Black Lace'           | 40-60               | 3L                      |                       | Branched, min 3 breaks   | 3-4  |   | Е                                  | fully                    | 1.5 to 3                   | Fast        | 5-6            | Nat    |              | 3rd              | M & CH          | 01                                      | W                                       |                                 | 1                         |
| Sambucus nigra 'Black Lace'           | 80-90               | IOL                     |                       | Branched, min 4 breaks   | 1-2  |   | Е                                  | fully                    | 1.5 to 3                   | Fast        | 5-6            | Nat    |              | 3rd              | M & CH          | 0                                       | W                                       |                                 | 1                         |
| Santolina chamecyparissus AGM         | 15-20               | 2L                      |                       | Bushy, min 6 breaks  | 4-5  | 4-5                                       | Е                                  | fully                    | 0.6 to .8                  | Medium      | 5-9            |        |              | GC               | М               | 0                                       | D                                       | E C                             |                           |
| Santolina chamecyparissus AGM         | 25-30               | 5L                      |                       | Bushy, min 9 breaks  | 2-3  | 3-4                                       | E                                  | fully                    | 0.6 to .8                  | Medium      | 5-9            |        |              | GC               | М               | 0                                       | D                                       | E C                             | :                         |
| Santolina pinnata 'Ed Bowles'         | 15-20               | 3L                      |                       | Bushy, min 6 breaks  | 4-5  | 4-5                                       | E                                  | fully                    | 0.6 to .8                  | Medium      | 5-9            |        |              | GC               | М               | 0                                       |   |                                 |                           |
| Santolina pinnata 'Ed Bowles'         | 25-30               | 5L                      |                       | Bushy, min 9 breaks  | 2-3  | 3-4                                       | E                                  | fully                    | 0.6 to .8                  | Medium      | 5-9            |        |              | GC               | М               | 0                                       |   |                                 |                           |
| Santolina rosmarinifolia (virens) AGM | 15-20               | 3L                      |                       | Bushy, min 6 breaks  | 4-5  | 4-5                                       | E                                  | fully                    | 0.6 to .8                  | Medium      | 5-9            |        |              | GC               | М               | 0                                       | D W                                     | C                               | :                         |
| Santolina rosmarinifolia (virens) AGM | 25-30               | 5L                      |                       | Bushy, min 9 breaks  | 2-3  | 3-4                                       | Е                                  | fully                    | 0.6 to .8                  | Medium      | 5-9            |        |              | GC               | М               | 0                                       | D W                                     | C                               | :                         |
| Sarcococca confusa AGM                | 30-40               | 3L                      |                       | Bushy, min 3-4 breaks  | 4-5  | 5-6                                       | E                                  | fully                    | 0.5 to 1.5                 | Slow        | 12-2           |        | Bio          | 2nd-3rd          | M & CH          | 010                                     | W                                       |                                 |                           |
| Sarcococca confusa AGM                | 40-60               | 5L                      |                       | Bushy, min 5-6 breaks  | 3  | 4-5                                       | E                                  | fully                    | 0.5 to 1.5                 | Slow        | 12-2           |        | Bio          | 2nd-3rd          | M & CH          | 010                                     | W                                       |                                 |                           |
| Sarcoccoca hookeriana digyna AGM      | 20-30               | 3L                      |                       | Bushy, min 6-7 breaks  | 4-5  | 5-6                                       | E                                  | fully                    | 0.5 to 1.5                 | Slow        | 12-2           |        | Bio          | 2nd-3rd          | M & CH          | 010                                     |   |                                 |                           |
| Sarcoccoca hookeriana digyna AGM      | 40-60               | 5L                      |                       | Bushy, min 7-8 breaks  | 2-3  | 4-5                                       | E                                  | fully                    | 0.5 to 1.5                 | Slow        | 12-2           |        | Bio          | 2nd-3rd          | M & CH          | 010                                     |   |                                 |                           |
| Sarcoccoca hookeriana var humilis     | 20-30               | 3L                      |                       | Bushy, min 6-7 breaks  | 4-5  |   | E                                  | fully                    | 0.5 max                    | Slow        | 12-2           |        | Bio          | GC-1st           | M & CH          | 010                                     |   |                                 |                           |
| Sarcoccoca hookeriana var humilis     | 30-40               | 5L                      |                       | Bushy, min 7-8 breaks  | 2-3  |   | E                                  | fully                    | 0.5 max                    | Slow        | 12-2           |        | Bio          | GC-1st           | M & CH          | 010                                     |   |                                 |                           |
| Senecio vars - see Brachyglottis      |                     |                         |                       |  |  |   |                                    |                          |                            |             |                |        |              |                  |                 |   |   |                                 |                           |
| Skimmia confusa 'Kew Green' AGM       | 30-40 dia           | 3L                      |                       | Bushy, min 3 breaks  | 4-5  |   | E                                  | fully                    | 0.5-1                      | Slow        | 4              |        |              | 1st-2nd          | M & AC          | 01                                      |   |                                 |                           |
| Skimmia confusa 'Kew Green' AGM       | 40-60 dia           | 5L                      |                       | Bushy, min 4 breaks  | 2-3  |   | E                                  | fully                    | 0.5-1                      | Slow        | 4              |        |              | 1st-2nd          | M & AC          | 01                                      |   |                                 |                           |
| Skimmia confusa 'Kew Green' AGM       | 60-80 dia           | IOL                     |                       | Bushy, min 4 breaks  | 1-2  |   | E                                  | fully                    | 0.5-1                      | Slow        | 4              |        |              | 1st-2nd          | M & AC          | 0                                       |   |                                 |                           |
| Skimmia japonica                      | 20-30               | 3L                      |                       | Bushy, min 3 breaks  | 4-5  |   | E                                  | fully                    | 0.9-1.2                    | Slow        | 4              |        | Bio          | 2nd              | M & AC          | 10                                      |   | C                               | ;                         |
| Skimmia japonica                      | 30-40               | 5L                      |                       | Bushy, min 4 breaks  | 2-3  |   | E                                  | fully                    | 0.9-1.2                    | Slow        | 4              |        | Bio          | 2nd              | M & AC          | 10                                      |   | c                               | ;                         |
| Skimmia japonica                      | 40-60               | IOL                     |                       | Bushy, min 5 breaks  | 1-2  |   | E                                  | fully                    | 0.9-1.2                    | Slow        | 4              |        | Bio          | 2nd              | M & AC          | 10                                      |   | C                               | :                         |
| Skimmia japonica 'Rubella' AGM        | 20-30               | 3L                      |                       | Bushy, min 3 breaks  | 4-5  |   | E                                  | fully                    | 0.5 to 1.5                 | Slow        | 3              |        |              | 1st-2nd          | M & AC          | •                                       |   | C                               | ;                         |
| Skimmia japonica 'Rubella' AGM        | 30-40               | 5L                      |                       | Bushy, min 4 breaks  | 2-3  |   | E                                  | fully                    | 0.5 to 1.5                 | Slow        | 3              |        |              | 1st-2nd          | M & AC          | •                                       |   | C                               | :                         |
| Skimmia japonica 'Rubella' AGM        | 40-60               | IOL                     |                       | Bushy, min 5 breaks  | 1-2  |   | E                                  | fully                    | 0.5 to 1.5                 | Slow        | 3              |        |              | 1st-2nd          | M & AC          | •                                       |   | C                               | ;                         |
| Spiraea japonica 'Anthony Waterer'    | 30-40               | 3L                      |                       | Branched, min 6 breaks   | 3-4  |   |                                    | fully                    | 0.5 to 1.5                 | Medium      | 5-9            |        |              | 2nd-3rd          | M & CH          | 01                                      | D                                       | E C                             | ; [ ]                     |
| Spiraea japonica 'Anthony Waterer'    | 40-60               | 5L                      |                       | Branched, min 7 breaks   | 2-3  |   |                                    | fully                    | 0.5 to 1.5                 | Medium      | 5-9            |        |              | 2nd-3rd          | M & CH          | 0                                       | D                                       | E C                             | :                         |

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| shrubs                                | Spec2I size -<br>cm | Spec21 pot size - Litre | Bare Root (in season) | Spec21 Specification -<br>breaks(branches) should be in the lower<br>third | Suggested planting density per<br>square metre | Hedging suggested no. per<br>linear metre | E- evergreen<br>SE - semi-evergeen | Frost hardy/ fully hardy | Mature<br>size -<br>metres | Growth rate | Flowers- month | Native | Bio diversiy | DesiGCn<br>layer | Soil prefereMce | Sun/semi shade/full shade<br>preference | Very dry conditions | Exposed site | Coastal conditions Potentially harmful (RHS) |
|---------------------------------------|---------------------|-------------------------|-----------------------|--|--|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|--------|--------------|------------------|-----------------|---|---------------------|--------------|--|
| Spiraea japonica 'Firelight'          | 30-40               | 3L                      |                       | Bushy, min 6 breaks  | 4-5  |   |                                    | fully                    | 0.5 to 1.5                 | Medium      | 5-9            |        |              | 2nd              | М               | 01                                      |                     |              |  |
| Spiraea japonica 'Firelight'          | 40-60               | 5L                      |                       | Bushy, min 7 breaks  | 3-4  |   |                                    | fully                    | 0.5 to 1.5                 | Medium      | 5-9            |        |              | 2nd              | М               | 0                                       |                     |              |  |
| Spiraea japonica 'Firelight'          | 60-80               | IOL                     |                       | Bushy, min 7 breaks  | 2  |   |                                    | fully                    | 0.5 to 1.5                 | Medium      | 5-6            |        |              | 2nd              | М               | 0                                       |                     |              |  |
| Spiraea nipponica 'Snowmound' AGM     | 30-40               | 3L                      |                       | Branched, min 5 breaks   | 3-4  |   |                                    | fully                    | 0.5 to 1.5                 | Medium      | 5-6            |        |              | lst              | M & CH          | 0                                       | D                   | E            | c  |
| Spiraea nipponica 'Snowmound' AGM     | 40-60               | 5L                      |                       | Branched, min 7 breaks   | 2-3  |   |                                    | fully                    | 0.5 to 1.5                 | Medium      | 5-6            |        |              | lst              | M & CH          | 0                                       | D                   | E            | ε  |
| Symphoricarpos x chenaultii 'Hancock' | 30-40               | 2L                      |                       | Branched, min 5 breaks   | 5-6  |   |                                    | fully                    | 0.5 to 1.2                 | Fast        | 7-8            |        | Bio          | Ist-2nd          | M & CH          | 01                                      | D                   | E            | c I  |
| Symphoricarpos x chenaultii 'Hancock' | 40-60               | 5L                      |                       | Branched, min 7 breaks   | 3-4  |   |                                    | fully                    | 0.5 to 1.2                 | Fast        | 7-8            |        | Bio          | Ist-2nd          | M & CH          | 01                                      | D                   | Е            | c !  |
| Symphoricarpus door. 'White Hedge'    | 40-60               | 3L                      |                       | Branched, min 4 breaks   | 3-4  | 3   |                                    | fully                    | I to 1.5                   | Fast        | 7-9            |        | Bio          | lst              | M & CH          | 010                                     | D                   |              | c I  |
| Symphoricarpus door. 'White Hedge'    | 60-80               | 5L                      |                       | Branched, min 5-6 breaks   | 1-2  | 2   |                                    | fully                    | I to 1.5                   | Fast        | 7-9            |        | Bio          | lst              | M & CH          | 010                                     | D                   |              | c !  |
| Tamarix ramosissima 'Rosea'           | 40-60               | 3L                      |                       | Branched, min 3 breaks   | 4  |   |                                    | frost                    | 2 to 3                     | Fast        | 6-8            |        |              | 3rd              | М               | 0                                       | D                   | Е            | c  |
| Ulex europaeus 'Flore Plena' AGM      | 20-30               | 3L                      |                       | Bushy, min. 5 breaks   | 3-4  | 4-5                                       | E                                  | fully                    | 0.5 to 1.5                 | Medium      | 4-6            | Nat    |              | 2nd              | AC              | 0                                       | D                   | Е            | c  |
| Ulex europaeus 'Flore Plena' AGM      | 40-50               | 5L                      |                       | Bushy, min. 7 breaks   | 2-3  | 2-3                                       | E                                  | fully                    | 0.5 to 1.5                 | Medium      | 4-6            | Nat    |              | 2nd              | AC              | 0                                       | D                   | E            | ε  |
| Viburnum x bodnantense 'Dawn' AGM     | 40-60               | 3L                      |                       | Branched, min 2 breaks   | 3-4  |   |                                    | fully                    | 1.5 to 3                   | Medium      | I0 on          |        | Bio          | 2nd/F            | M & CH          | 0                                       |                     |              |  |
| Viburnum x bodnantense 'Dawn' AGM     | 60-80               | 5L                      |                       | Branched, min 3 breaks   | 2-3  |   |                                    | fully                    | 1.5 to 3                   | Medium      | I0 on          |        | Bio          | 2nd/F            | M & CH          | 0                                       |                     |              |  |
| Viburnum x bodnantense 'Dawn' AGM     | 80-100              | IOL                     |                       | Branched, min 4 breaks   | 1-2  |   |                                    | fully                    | 1.5 to 3                   | Medium      | I0 on          |        | Bio          | 2nd/F            | M & CH          | 0                                       |                     |              |  |
| Viburnum davidii AGM                  | 20-30 dia           | 3L                      |                       | Bushy, min 3 breaks  | 4-5  |   | Е                                  | fully                    | 0.5 to 1.5                 | Slow        | 6              |        |              | 2nd              | M & CH          | 0                                       | D                   |              |  |
| Viburnum davidii AGM                  | 30-40 dia           | 5L                      |                       | Bushy, min 5 breaks  | 2-3  |   | E                                  | fully                    | 0.5 to 1.5                 | Slow        | 6              |        |              | 2nd              | M & CH          | 01                                      | D                   |              |  |
| Viburnum x hillieri 'Winton' AGM      | 40-60               | 3L                      |                       | Bushy, min 3 breaks  | 3-4  | 3-4                                       | SE                                 | fully                    | 1.5-2                      | Medium      | 5-6            |        |              | 3rd-4th          | M & CH          | 0                                       |                     |              |  |
| Viburnum x hillieri 'Winton' AGM      | 40-60               | 3L                      |                       | Bushy, min 3 breaks  | 3-4  | 3-4                                       | SE                                 | fully                    | 1.5-2                      | Medium      | 5-6            |        |              | 3rd-4th          | M & CH          | 01                                      |                     |              |  |
| Viburnum x hillieri 'Winton' AGM      | 60-90               | 5L                      |                       | Bushy, min 5 breaks  | 1-2  | I-2                                       | SE                                 | fully                    | 1.5-2                      | Medium      | 5-6            |        |              | 3rd-4th          | M & CH          | 01                                      |                     |              |  |
| Viburnum opulus 'Compactum' AGM       | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 4-5  | 4-5                                       |                                    | fully                    | 0.9-1.2                    | Slow        | 6              | Nat    |              | lst              | M & CH          | 01                                      | D                   | Е            |  |
| Viburnum opulus 'Compactum' AGM       | 40-60               | 5L                      |                       | Bushy, min 5 breaks  | 2-3  | 3-4                                       |                                    | fully                    | 0.9 to 1.2                 | Slow        | 6              | Nat    |              | lst              | M & CH          | 01                                      | D                   | Е            |  |
| Viburnum opulus 'Compactum' AGM       | 40-60               | IOL                     |                       | Bushy, min 6 breaks  | 1-2  | 2   |                                    | fully                    | 0.9 to 1.2                 | Slow        | 6              | Nat    |              | lst              | M & CH          | 01                                      | D                   | E            |  |
| Viburnum plicatum 'Mariesii' AGM      | 40-60               | 3L                      |                       | Bushy, min 4 breaks  | 3-4  |   |                                    | fully                    | 1.5 to 3                   | Medium      | 5              |        |              | lst              | M & CH          | $\circ$                                 |                     |              |  |
| Viburnum plicatum 'Mariesii' AGM      | 60-80               | 5L                      |                       | Bushy, min 5 breaks  | 2-3  |   |                                    | fully                    | 1.5 to 3                   | Medium      | 5              |        |              | 3rd              | M & CH          | $\circ$                                 |                     |              |  |
| Viburnum plicatum 'Shasta'            | 40-60 dia           | 3L                      |                       | Bushy, min 4 breaks  | 3-4  |   |                                    | fully                    | 1.5 to 3                   | Medium      | 5-6            |        |              | 3rd              | M & CH          | $\circ$                                 |                     |              |  |
| Viburnum plicatum 'Shasta'            | 60-70 dia           | 5L                      |                       | Bushy, min 6 breaks  | 2-3  |   |                                    | fully                    | 1.5 to 3                   | Medium      | 5-6            |        |              | 3rd              | M & CH          | 01                                      |                     |              |  |

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|---|---------------------|-------------------------|-----------------------|--|---|---|------------------------------------|--------------------------|----------------------------|-------------|----------------|------------------------|------------------|-----------------|---|-----|-------------------------------------|--------------------|---------------------------|
| Viburnum tinus 'Eve Price' AGM            | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 4-5   | 5   | E                                  | fully                    | 1.5 to 2                   | Medium      | 11-5           |                        | 3rd              | M & CH          | 01                                      |     | Е                                   |                    |                           |
| Viburnum tinus 'Eve Price' AGM            | 40-60               | 5L                      |                       | Bushy, min 5 breaks  | 2-3   | 3   | E                                  | fully                    | 1.5 to 2                   | Medium      | 11-5           |                        | 3rd              | M & CH          | 0                                       |     | Е                                   |                    |                           |
| Viburnum tinus 'Eve Price' AGM            | 40-60               | I OL                    |                       | Bushy, min 7 breaks  | 1-2   | 2   | E                                  | fully                    | 1.5 to 2                   | Medium      | 11-5           |                        | 3rd              | M & CH          | 0                                       |     | E                                   |                    |                           |
| Viburnum tinus 'Gwenllian AGM             | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 4-5   | 5   | E                                  | fully                    | I to 1.5                   | Medium      | 11-5           |                        | 3rd              | M & CH          | 0                                       |     |                                     |                    |                           |
| Viburnum tinus 'Gwenllian AGM             | 40-60               | 5L                      |                       | Bushy, min 5 breaks  | 3   | 3   | E                                  | fully                    | I to 1.5                   | Medium      | 11-5           |                        | 3rd              | M & CH          | 0                                       |     |                                     |                    |                           |
| Viburnum tinus                            | 30-40               | 3L                      |                       | Bushy, min 4 breaks  | 4-5   |   | E                                  | fully                    | 4                          | Medium      | 11-5           |                        | 4th              | M & CH          | 0                                       |     | E                                   |                    |                           |
| Viburnum tinus                            | 40-60               | 5L                      |                       | Bushy, min 5 breaks  | 3   |   | E                                  | fully                    | 4                          | Medium      | 11-5           |                        | 4th              | M & CH          | 0                                       |     | E                                   |                    |                           |
| Vinca varieties - see groundcover section |                     |                         |                       |  |   |   |                                    |                          |                            |             |                |                        |                  |                 | -                                       |     |                                     |                    |                           |
| Weigela florida 'Folius Purpureis' AGM    | 30-40               | 3L                      |                       | Branched, min 4 breaks   | 3-4   |   |                                    | fully                    | 0.5 to 1.5                 | Medium      | 6              | Bio                    | 2nd-3rd          | M & CH          | 0                                       |     |                                     |                    |                           |
| Weigela florida 'Folius Purpureis' AGM    | 40-60               | 5L                      |                       | Branched, min 4 breaks   | 2-3   |   |                                    | fully                    | 0.5 to 1.5                 | Medium      | 6              | Bio                    | 2nd-3rd          | M & CH          | 0                                       |     |                                     |                    |                           |
| Weigela florida 'Folius Purpureis' AGM    | 60-80               | I OL                    |                       | Branched, min 6 breaks   | 1-2   |   |                                    | fully                    | 0.5 to 1.5                 | Medium      | 6              | Bio                    | 2nd-3rd          | M & CH          | 0                                       |     |                                     |                    |                           |
| Yucca filamentosa AGM                     | 30-40               | 3L                      |                       | Full crown   | 4-5   |   | E                                  | fully                    | 0.5 to 1.5                 | Slow        | 7-8            |                        | F                | M & CH          | 0                                       | D   |                                     | С                  |                           |
| Yucca filamentosa AGM                     | 40-60               | 5L                      |                       | Full crown   | 2-3   |   | E                                  | fully                    | 0.5 to 1.5                 | Slow        | 7-8            |                        | F                | M & CH          | 0                                       | D   |                                     | С                  |                           |
| Yucca filamentosa AGM                     | 60-90               | I OL                    |                       | Full crown   | 1-2   |   | E                                  | fully                    | 0.5 to 1.5                 | Slow        | 7-8            |                        | F                | M & CH          | 0                                       | D   |                                     | С                  |                           |
| Yucca filamentosa 'Bright Edge' AGM       | 30-40               | 3L                      |                       | Full crown   | 4-5   |   | E                                  | fully                    | 0.5 to 1                   | Slow        | 7-8            |                        | F                | M & CH          | 0                                       | D   |                                     | С                  |                           |
| Yucca filamentosa 'Bright Edge' AGM       | 40-60               | 5L                      |                       | Full crown   | 2-3   |   | Е                                  | fully                    | 0.5 to 1                   | Slow        | 7-8            |                        | F                | M & CH          | 0                                       | D   |                                     | С                  |                           |
| Yucca filamentosa 'Bright Edge' AGM       | 60-80               | I OL                    |                       | Full crown   | 1-2   |   | E                                  | fully                    | 0.5 to 1                   | Slow        | 7-8            |                        | F                | M & CH          | 0                                       | D   |                                     | С                  |                           |
| Yucca flaccida                            | 30-40               | 3L                      |                       | Full crown   | 4-5   |   | E                                  | fully                    | I to 1.5                   | Slow        | 7-8            |                        | F                | M & CH          | 0                                       | D   |                                     | С                  |                           |
| Yucca flaccida                            | 40-60               | 5L                      |                       | Min 2 crowns   | 2-3   |   | Е                                  | fully                    | I to 1.5                   | Slow        | 7-8            |                        | F                | M & CH          | 0                                       | D   |                                     | С                  | 1                         |
| Yucca flaccida                            | 60-80               | I OL                    |                       | Min 2-3 crowns   | I-2   | <u> </u>                                  | Е                                  | fully                    | I to 1.5                   | Slow        | 7-8            |                        | F                | M & CH          | 0                                       | D   |                                     | С                  |                           |

KEY Soil preference: ALK/CH = Alkaline (Chalky) AC= Acid M = Most types Hardiness: frost = to -8C fully = to -15C +

**Design layers** (mature height): GC = 20-30cm 1st = 30-60cm 2nd = 60-90cm 3rd = 90-150cm 4th = 150cm + F = Feature plant

Extremes: Particual varieties will tolerate certain extreme conditions where indicated once established on site Native: as defined by Natural History Museum Bio diversity: provides natural habit/food for insects and birdlife

