

Appendix 9: Typical Planting and Seeding Mixes.

Note: All native plant and seed species to be local provenance, according to criteria contained within Appendix 1 Figure 5 of the Scottish Executive publication 'Cost Effective Landscape – Learning from Nature'.

WOODLAND WITH STANDARD TREE PLANTING

STANDARD TREES

Type: Rootballed Heavy Standard to specification

Note: 30no total to be planted in area of standard trees @ 3.5m centres

To be planted with 75mm perforated plastic pipe around rootball with T junction and cap and secured using 2nr softwood stakes and cross spar.

Species: Quercus robur
Acer platanoides

CELL GROWN TREES

Type: Cell grown plants to Specification, protected by 900mm tree or shrub shelter.
(Where cell grown plants not available/ or inappropriate the following should be used:
Container grown to Specification in 2l pots
Climbing plants to Specification in 2l pots

Notes: Average 2m centres (1 plant / 4m²)

Species: As Woodland 1 but lower density.

WOODLAND PLANTING

Type: Cell grown plants to Specification, protected by 900mm tree or shrub shelter.
(Where cell grown plants not available/ or inappropriate the following should be used:
Container grown to Specification in 2l pots
Climbing plants to Specification in 2l pots

Notes: Average 1.5m centres (1 plant / 2.25m²)
Ensure mix is planted in such a way that the larger tree species(dominants) are planted no closer than 6m to the road and pioneers are planted no closer than 4m to the road.

Woodland 1

Pioneers

10% Silver birch (*Betula pendula*)
10% Gean (*Prunus avium*)
10% Rowan (*Sorbus aucuparia*)
5% Grey willow (*Salix cinerea*)

Dominants

10% Pedunculate oak (*Quercus robur*)
10% Scots Pine (*Pinus sylvestris*)

5% Ash (*Fraxinus excelsior*)

Associated species

10% Holly (*Ilex aquifolium*)
10% Hawthorn (*Crataegus monogyna*)
5% Elder (*Sambus nigra*)
5% Dog rose (*Rosa canina*)
5% Honeysuckle (*Lonicera periclymenum*)
5% Geulder rose (*Viburnum opulus*)

HEDGE PLANTING

Type: Cell grown plants to Specification, protected by 900mm tree or shrub shelter.
(Where cell grown plants not available/ or inappropriate the following should be used:
Container grown to Specification in 2l pots
Climbing plants to Specification in 2l pots

Notes: Hedge base to be covered by 2m wide mulch mat and 75mm deep coarse bark mulch. Hedge to be planted through mat in double staggered rows with no fewer than 6 plants per linear metre in total.

Hedge Mix

40% Hawthorn (*Crataegus monogyna*)
25% Blackthorn (*Prunus spinosa*)
15% Holly (*Ilex aquifolium*)
10% Elder (*Sambucus nigra*)
5% Field maple (*Acer campestre*)
2.5% Dog rose (*Rosa canina*)
2.5% Honeysuckle (*Lonicera periclymenum*)

GRASS AND WILDFLOWER SEED MIXES

VERGE GRASS

G1 Grass to verges and visibility Splays

Sowing rate: 20g/m²

Note: To be sown onto 50 -150mm topsoil and fertiliser added.

20%	<i>Lolium perenne</i>	(STRI short growth rate 7.5 or better)
30%	<i>Festuca rubra rubra</i>	(STRI short growth rate 6 or better)
30%	<i>Festuca rubra litoralis</i>	(STRI short growth rate 6.5 or better)
10%	<i>Festuca rubra commutate</i>	(STRI short growth rate 6.5 or better)
2.5%	<i>Agrostis stolonifera</i>	(STRI short growth rate 6.5 or better)
7.5%	<i>Puccinella maritime</i>	

EMBANKMENT GRASS

G2 Grass and Wildflowers for General Slopes and Embankments

Sowing rate: 5g/m²

Note: To be sown onto 50 -150mm topsoil. No fertiliser to be applied.

Grasses

10%	Agrostis castellana
15%	Agrostis tenuis
15%	Cynosurus cristata
5%	Deschampsia flexuosa
10%	Festuca longifolia
15%	Festuca rubra commutate
10%	Poa pratensis

Wildflower content

2%	Achillea millefolium
1%	Centaurea nigra
1%	Filipendula ulmaria
1%	Geranium pratense
1%	Hypochoeris radicata
1%	Leucanthemum vulgare
2%	Lotus corniculatus
1%	Lychnis flos-cuculi
1%	Plantago lanceolata
1%	Prunella vulgaris
1%	Rhinanthus minor
2%	Silene dioica
1%	Trifolium repens
2%	Vicia sativa