

## A29 Planting Schedule

## GRASS MIXES

## EM3 – SPECIAL GENERAL PURPOSE MEADOW MIXTURE - Emorgate

Total area = 31619m<sup>2</sup>Density = 49/m<sup>2</sup>

Wild Flowers - 20%		
%	Latin name	Common name
0.4	Achillea millefolium	Yarrow
0.3	Agrimonia eupatoria	Agrimony
0.5	Betonica officinalis - (Stachys officinalis)	Betony
1.3	Centauria nigra	Common Knapweed
0.8	Centauria scabrosa	Greater Knapweed
1.8	Daucus carota	Wild Carrot
0.8	Galium album - (Galium mollugo)	Hedge Bedstraw
2	Galium verum	Lady's Bedstraw
0.1	Geranium pratense	Meadow Carnes-Bill
0.3	Knautia anensis	Field Scabious
0.5	Leonodon hispidus	Rough Hawkbit
1.2	Leucanthemum vulgare	Oxeye Daisy - (Koon Daisy)
1.7	Malva moschata	Musk Mallow
0.3	Origanum vulgare	Wild Marjoram
0.8	Plantago media	Heary Plantain
1.6	Potentilla sanguisorba - (Sanguisorba minor)	Sailed Burnet
0.8	Primula veris	Cowslip
0.3	Prunella vulgaris	Selfheal
0.5	Ranunculus acris	Meadow Buttercup
0.2	Ranunculus bulbosus	Meadow Buttercup
0.5	Rhinanthus minor	Yellow Rattle
1	Rumex acetosa	Common Sorrel
1.5	Silene dioica	Red Campion
0.4	Silene flos-cuculi - (Lychnis flos-cuculi)	Ragged Robin
0.2	Silene latifolia	White Campion
0.1	Traxacum officinale	Dandelion
0.1	Vicia sativa ssp. segetalis	Common Vetch
%	Latin name	Common name
8	Agrostis capillaris	Common Bent
28	Cynosurus cristatus	Crested Dogstail
Grasses - 80%		
24	Festuca rubra	Stender-creeping Red-fescue
4	Phleum bertolonii	Smaller Cat's-tail
16	Poa pratensis	Smooth-stalked Meadow-grass

## EM8 - MEADOW MIXTURE FOR WETLANDS - Emorgate

Total area = 6993m<sup>2</sup>Density = 49/m<sup>2</sup>

Wild Flowers - 20%		
%	Latin name	Common name
0.5	Achillea millefolium	Yarrow
0.4	Achillea ptarmica	Sheepswoort
1	Betonica officinalis - (Stachys officinalis)	Betony
3	Centauria nigra	Common Knapweed
0.4	Filipendula ulmaria	Meadowsweet
3	Galium verum	Lady's Bedstraw
0.5	Geranium pratense	Meadow Carnes-Bill
0.5	Leonodon hispidus	Rough Hawkbit
1.8	Leucanthemum vulgare	Oxeye Daisy - (Mason Daisy)
0.2	Lotus pedunculatus	Greater Bird's-foot Trefoil
1	Plantago lanceolata	Ribwort Plantain
0.5	Primula veris	Cowslip
0.4	Prunella vulgaris	Selfheal
0.8	Ranunculus acris	Meadow Buttercup
0.8	Rhinanthus minor	Yellow Rattle
1.4	Rumex acetosa	Common Sorrel
0.1	Sanguisorba officinalis	Great Burnet
0.3	Silium silaus	Pepper Saffrage
1.7	Silene flos-cuculi - (Lychnis flos-cuculi)	Ragged Robin
0.3	Succisa pratensis	Dent's-hl Scabious
0.8	Traxacum officinale	Dandelion
0.8	Vicia cracca	Tufted Vetch
Grasses - 80%		
%	Latin name	Common name
10	Agrostis capillaris	Common Bent
3	Allopecurus pratensis	Meadow Fox-tail (w)
3	Anthoxanthum odoratum	Sweet Vernal-grass (w)
3	Biza media	Quaking Grass (w)
24	Cynosurus cristatus	Crested Dogstail
2	Deschampsia cespitosa	Tufted Hair-grass (w)
32	Festuca rubra	Stender-creeping Red-fescue
3	Hordeum secalinum	Meadow Barley (w)

## SW1 - WOODLAND MIXES

(Woodland mixes to be transplants, Specimen Trees to be standards, 2.5m clear stem)

Total area = 8660m<sup>2</sup>

Density = 1.5m Centers

Woodland Edge Mix				
%	Latin name	Common name	Specification	Height
6	Betula pendula	Silver Birch	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
28	Corylus avellana	Hazel	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
18	Crataegus monogyna	Hawthorn	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
6	Ilex aquifolium	Holly	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
7	Malus sylvestris	Crab Apple	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
8	Prunus avium	Wild Cherry	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
8	Rosa canina	Dog Rose	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
5	Sambucus nigra	Elder	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
7	Sorbus aucuparia	Roxan	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
7	Quercus robur	Common Oak	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm

## SW 2 - Scrub Mix

Total area = 4770m<sup>2</sup>

Density = 1.5m Centers

SW 2 - Scrub Mix				
%	Latin name	Common name	Specification	Height
30	Crataegus monogyna	Hawthorn	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
8	Ilex aquifolium	Holly	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
12	Malus sylvestris	Crab Apple	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
12	Prunus avium	Wild Cherry	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
18	Rosa canina	Dog Rose	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
8	Sambucus nigra	Elder	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
12	Sorbus aucuparia	Roxan	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm

## SW 3 - SPECIMEN TREES

%	Latin name	Common name	Specification	Height
Counted	Fagus sylvatica	Common beech	Standard	15L, 2.5m clear stem
Counted	Quercus robur	Common Oak	Standard	15L, 2.5m clear stem
Counted	Acer campestre	Field Maple	Standard	15L, 2.5m clear stem
Counted	Alnus glutinosa	Alder	Standard	15L, 2.5m clear stem
Counted	Castanea sativa	Sweet Chestnut	Standard	15L, 2.5m clear stem

## Orchard Apples

Latin name	Common name	Specification	Height
Malus domestica	Apple 'Egremont Russet'	Standard	15L, 2.5m clear stem
Malus domestica	Apple 'Merton'	Standard	15L, 2.5m clear stem
Malus domestica	Apple 'Kenslin Pippin'	Standard	15L, 2.5m clear stem

## Submerged and floating plants for ponds

Total Area 1044m<sup>2</sup> Plants at 30 plants per m<sup>2</sup>

(%)	Species	Common name	Specification
25	Ceratophyllum demersum	Hornwort	Plug plants
25	Myriophyllum spicatum	Watermilfoil	Plug plants
25	Najas lutea	Yellow water-celery	Plug plants
25	Ranunculus aquatilis	Common water-crowfoot	Plug plants

## Marginal plants for ponds.

Total Area 263m<sup>2</sup> Plants at 50 plants per m<sup>2</sup>

(%)	Species	Common name	Specification
12	Callitriche palustris	Marsh-marigold	Plug plants
12	Lychnis flos-cuculi	Ragged-robin	Plug plants
12	Lythrum salicaria	Purple loosestrife	Plug plants
12	Meritha aquatica	Water mint	Plug plants
13	Myosotis scorpioides	Water Forget-me-not	Plug plants
13	Hemp Agrimony	Eupatorium cannabinum	Plug plants
13	Ranunculus flammula	Lesser spearwort	Plug plants
13	Veronica beccabunga	European speedwell	Plug plants

## HEDGES

Total length = 914m

Density = Double staggered at a minimum of 3 plants per linear metre

Hedge Mix	Latin name	Common name	Specification	Height
13	Acer campestre	Field Maple	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
5	Cornus sanguinea	Dogwood	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
15	Corylus avellana	Hazel	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
45	Crataegus monogyna	Hawthorn	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
5	Euonymus europaeus	Spindle Tree	1+1 or 1/1 : Transplanted - seed raised : B	40-60cm
5	Ilex aquifolium	Holly	1+1 or 1/1 : Transplanted - seed raised : B	30-40cm
12	Prunus spinosa	Blackthorn	1+1 or 1/1 : Transplanted - seed raised : B	60-80cm

## Swales 3m.

No.	Latin name	Common name	Size
30	Salix alba var. vitellina Britzensis'	Scarlet Willow	15L
150	Filipendula ulmaria	Meadowsweet	2L
150	Lythrum salicaria	Purple loosestrife	2L

## Roundabout trees

Counted	Latin name	Common name	Specification	Height
Counted	Acer campestre	Field maple	Extra heavy standard, root balled, 12-14cm girth	300-350cm

## Noise barrier climbers plants @ 300mm centres along 440 m length

No.	Latin name	Common name	Size
720	Hedera helix	Ivy	2L
360	Clematis vitalba	Old man's beard	2L
360	Lonicera periclymenum	Honeysuckle	2L

NB: all plant material and seed must be UK sourced and grown and comply with biosecurity measures.

With the exception of the specimen trees all woody planting stock to be transplants.

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