

TREE PLANTING SCHEDULE					
Species	Specification	Girth	Height cm	Clear Stem	Root Condition
Acer campestre	Heavy Standard: 5 breaks	12-14	350-425	Min 200cm	45-BSL
Alnus glutinosa	Selected Standard: 4 breaks	10-12	300-350	Min 200cm	35-4SL
Betula nigra (MS)	3x Multi-stem: bushy: 3 stems min.	-	200-250	-	BSL
Betula pendula	Extra Heavy Standard	16-18	400-450	Min 200cm	45-BSL
Betula pendula (MS)	Multi-stem: bushy: 3 stems min.	-	250-300	-	35-4SL
Betula pubescens	Selected Standard: 4 breaks	10-12	300-350	175-200cm	35-4SL
Carpinus betulus	Extra Heavy Standard	14-16	400-450	175-200cm	BSL
Corylus avellana (MS)	Multi-stem: bushy: 3 stems min.	-	250-300	-	35-4SL
Fagus sylvatica	Large Feathered: 7 breaks	14-16	400-450	-	45-BSL
Malus sylvestris	Heavy Standard: 5 breaks	12-14	350-425	175-200cm	45-BSL
Prunus avium	Heavy Standard: 5 breaks	12-14	350-425	175-200cm	45-BSL
Prunus padus	Extra Heavy Standard	16-18	400-450	Min 200cm	45-BSL
Quercus robur	Extra Heavy Standard	16-18	400-450	Min 200cm	BSL
Quercus palustris	Extra Heavy Standard	16-18	400-450	Min 200cm	45-BSL
Salix alba	Extra Heavy Standard	16-18	400-450	Min 200cm	45-BSL
Salix caprea	Heavy Standard: 5 breaks	12-14	350-425	175-200cm	45-BSL
Salix fragilis	Heavy Standard: 5 breaks	12-14	350-425	175-200cm	45-BSL
Sorbus aria	Heavy Standard: 5 breaks	12-14	350-425	175-200cm	45-BSL
Sorbus aucuparia	Selected Standard: 4 breaks	10-12	300-350	175-200cm	35-4SL
Tilia cordata	Heavy Standard: 5 breaks	12-14	350-425	175-200cm	45-BSL
Ulmus 'New Horizon'	Extra Heavy Standard	16-18	400-450	Min 200cm	45-BSL

WETLAND SHRUB PLANTING MIX To be planted at 1m ²				
Species	%	Height/ Spread cm	Specification	Root Condition
Cornus sanguinea	30	60-80	1+1 branched: 3 breaks	B
Rhamnus cathartica	25	60-80	1+1 leader with laterals: 3 breaks	B
Salix cinerea	10	60-80	Q2 branched: 2 breaks	B
Sambucus nigra	20	60-80	1+1 branched: 3 breaks	B
Viburnum opulus	15	80-100	1+2 branched: 3 breaks	B

THORNY SCRUB PLANTING MIX To be planted 1m ²					
Species	Mix %	Height cm	Form	Age	Root condition
Cornus sanguinea	20%	60-80	Branched	1+1	BR
Crataegus monogyna	20%	60-80	Branched	1+1	BR
Ilex aquifolium	10%	60-80	Branched	BR	
Ligustrum vulgare	10%	40-60	Branched	Q2	2L
Prunus spinosa	10%	40-60	Branched	1+1	2L
Rosa canina	20%	40-60	Branched	1+1	BR
Sambucus nigra	10%	60-80	Branched	1+1	BR

NATIVE HEDGEROW To be planted in 1m ² staggered row 0.6m offset, with 9 plants per linear meter					
Species	Mix %	Height cm	Form	Age	Root condition
Crataegus monogyna	40%	60-80	Branched	1+1	B
Eunonymus europaeus	15%	60-80	Branched	1+2	B
Ilex aquifolium	15%	60-80	Leader with laterals	-	SL
Prunus spinosa	20%	60-80	Branched	1+1	B
Rosa canina	10%	60-80	Branched	1+1	B

NATIVE MARGINAL PLANTING MIX				
Species	Mix %	Height cm	Type	Root condition
Alisma Plantago-aquatica	20%	Marginal	50cm min	9
Caltha palustris	20%	Submerged	IL	5
Carex pendula	5%	Tall emergent	IL	2
Iris pseudacorus	5%	Marginal	IL	4
Juncus effusus	10%	Tall emergent	2L	5
Najas aquatica	5%	Submerged	IL	3
Veronica beccabunga	5%	Marginal	2L	3

BASIC GENERAL PURPOSE MEADOW MIXTURE		
EMI - example basic general wildflower mix (the exact mix is to be specified by the ecologist to suit the site conditions) is a simple low cost meadow mixture suitable for a wide range of soil types. The wildflowers are robust and showy and the grasses are fine and slow growing. Mixture to be sown at a rate of 4g/m ² .		
%	Latin Name	Common Name
Wildflowers		
0.5	Achillea millefolium	Yarrow
4.5	Centaurea nigra	Common Knapweed
1	Daucus carota	Wild Carrot
3	Galium verum	Lady's Bedstraw
1	Leucanthemum vulgare	Oxeye Daisy
3	Prunella vulgaris	Selfheal
5	Ranunculus acris	Meadow Buttercup
0.4	Rumex acetosa	Common Sorrel
15	Silene dioica	Red Campion
Grasses		
8	Agrostis capillaris	Common Bent
40	Cynosurus cristatus	Owled Dogtail
28	Festuca rubra	Slender-creeeping Red-fescue
4	Phleum bertolonii	Smaller Cat's-tail

FEATURE TREE PLANTING					
Species	Specification	Girth cm	Height cm	Clear Stem	Root Condition
Acer platanoides 'Royal Red'	Extra Heavy Standard	18-20	450-650	Min 200cm	100-200L
Fagus sylvatica 'Purpurea'	Extra Heavy Standard	18-20	450-500	Min 200cm	100-200L
Liquidambar styraciflua 'Stella'	Semi-mature	20-25	500-550	Min 200cm	150-250L
Liriodendron tulipifera	Extra Heavy Standard	18-20	450-500	Min 200cm	100-200L

FRUITING TREES					
Species	Specification	Height cm	Clear Stem cm	Root Condition	
Malus domestica 'Redwyn common'	Half standard: MM06 Rootstock	175-200	100-125	1SL	
Malus domestica 'Chorister Boy'	Half standard: MM06 Rootstock	175-200	100-125	1SL	
Pyrus 'Communis'	Half standard: Pyrus communis rootstock	175-200	100-125	1SL	
Pyrus 'Conference'	Half standard: Pyrus communis rootstock	175-200	100-125	1SL	

WOODLAND COPSE PLANTING MIX 1 To be planted at 1 metre centres (1m ²)					
Species	Mix %	Height cm	Form	Girth	Root Condition
Standards (s)					
Betula nigra	10	200-250	Feathered	-	B
Betula pendula	10	200-250	Feathered	-	SL
Betula pubescens	5	200-250	Feathered	-	20L
Crataegus monogyna	5	200-250	Feathered	-	BSL
Prunus padus	10	200-250	Feathered	-	B
Transplants (t)					
Betula nigra	20	100-125	Transplant 1+2	-	B
Betula pendula	10	60-80	Transplant 1+1	-	B
Betula pubescens	15	60-80	Transplant 1+1	-	B
Crataegus monogyna	5	60-80	Transplant 1+1	-	B
Prunus padus	10	60-80	Transplant 1+1	-	B

WOODLAND COPSE PLANTING MIX 2 To be planted at 1 metre centres (1m ²)					
Species	Mix %	Height cm	Form	Girth	Root Condition
Standards (s)					
Acer campestre	10	150-175	Half-Standard	4-6 cm	B
Alnus glutinosa	10	150-175	Half-Standard	4-6 cm	B
Betula pendula	15	150-175	Half-Standard	4-6 cm	B
Salix fragilis	10	175-200	Half-Standard	4-6 cm	B
Salix alba	5	150-175	Half-Standard	4-6 cm	B
Quercus robur	10	175-200	Half-Standard	4-6 cm	B
Transplants (t)					
Acer campestre	10	80-100	Feathered	-	B
Alnus glutinosa	10	80-100	Feathered	-	B
Betula pendula	15	80-100	Feathered	-	B
Salix fragilis	10	80-100	Feathered	-	B
Salix alba	5	80-100	Feathered	-	B
Quercus robur	10	80-100	Transplant 1+2	-	B

NATIVE SHRUB PLANTING MIX To be planted at 1m ²				
Species	%	Height/ Spread cm	Specification	Root Condition
Cornus sanguinea	20	60-80	1+1 branched: 3 breaks	B
Corylus avellana	10	60-80	1+1 branched: 3 breaks	B
Eunonymus europaeus	20	60-80	1+2 branched: 5 breaks	B
Ilex aquifolium	5	60-80	Leader with laterals	SL
Rosa canina	15	60-80	1+1 branched: 3 breaks	B
Viburnum opulus	20	80-100	1+2 branched: 3 breaks	B



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