

Soil cultivation

Stone pick, break up and grade out existing topsoil; using tractor drawn tine cultivator, followed by disc or chain harrow to establish a medium tilth suitable for sowing of wildflower.

Planting preparation

Plant by forming planting holes 250 x 250mm diameter by mechanical auger, to be trimmed by hand and excavated hole material retained beside hole.

Client to be contacted to allow for inspection and demonstration of planting method.

The contractor shall comply with the National Landscape Specification and Highways Agency Specification in all operations and all planting to be carried out in accordance with good horticultural practice. Plant roots to be spread within the planting hole, planting depth to nursery mark. All bare root planting to take place during suitable conditions in the planting season.

Plant material:

Landscape Element: Native tree and shrub mix to Area 1 (Trial Site) Area: 2000m ²						
Composition: 75% trees 25% shrubs						
Plant stock: Transplants, root dipped						
Setting Out: 1.5m staggered grid						
Planting Notes: Pit planted, with incorporations in random single species groups of 5 to 9, with plant guards						
Common Name	Botanical Name	Height (cm)	Root Zone	Specification	Density	Mix
Alder	<i>Alnus glutinosa</i>	200-250	B	2x; Feathered; 5brks	1.5ctr	5%
Silver Birch	<i>Betula pendula</i>	60-80	B	1+1; Transplant- seed raised	1.5 ctr	30%
Oak	<i>Quercus robur</i>	60-80	B	1+1; Transplant- seed raised	1.5ctr	15%
Scots Pine	<i>Pinus sylvestris</i>	60-80	B	1+1; Transplant- seed raised	1.5ctr	5%
Sycamore	<i>Acer psedoplatanus</i>	60-80	B	1+1; Transplant- seed raised	1.5ctr	10%
Rowan	<i>Sorbus aucuparia</i>	60-80	B	1+1; Transplant- seed raised	1.5ctr	10%
Hawthorn	<i>Crataegus monogyna</i>	80-100	B	1+2; Transplant – seed raised; 4brks	1.5ctr	10%
Blackthorn	<i>Prunus spinosa</i>	80-100	B	1+2; Transplant – seed raised; 3brks	1.5ctr	10%
Dog Rose	<i>Rosa canina</i>	60-80	B	1+1; Transplant- seed raised; 3brks	1.5ctr	5%

Tree planting – tree protection

Tree tube: olive green, 750mm high, 130mm diameter, with rounded top to prevent chaffing.. 25mm thick treated softwood stakes 1000mm high driven minimum of 350mm into ground. 2 cable ties per tube

Care must be taken to ensure that tree tubes are fitted correctly and plant material is undamaged.

Wildflower sowing

Following planting evenly grade out top soil and ensure a medium tilth has been achieved prior to sowing wild flowermix.

Sow wildflower seed supplied by client to prescribed sowing rates and during suitable weather conditions:-

Perennial Wildflower Mix - sowing rate 5g/m² (area 2000sqm)

Cornfield Annual Mix – sowing rate 2g/m² (area 2000sqm)