

Indicative Planting Schedule

Native Woodland Matrix Tree Planting Schedule

Botanical Name	Common Name	Min No. Branches/	Form	Height (cm)	Area (m)	% of mix	No.
<i>Acer campestre</i>	Field Maple	1	Whip (BR)	100-125	22,350	5	279
<i>Alnus glutinosa</i>	Alder GW	1	Whip (BR)	100-125	22,350	7	391
<i>Betula pendula</i>	Silver Birch	1	Whip (BR)	100-125	22,350	7	391
<i>Betula pubescens</i>	Downy Birch	1	Whip (BR)	100-125	22,350	6	335
<i>Carpinus betulus</i>	Hornbeam	1	Whip (BR)	100-125	22,350	5	279
<i>Corylus avellana</i>	Hazel	1	Whip (BR)	80-100	22,350	7	391
<i>Crataegus monogyna</i>	Hawthorn	1	Whip (BR)	80-100	22,350	7	391
<i>Ilex aquifolium</i>	Holly	1	Whip (BR)	80-100	22,350	5	279
<i>Malus sylvestris</i>	Crab Apple	1	Whip (BR)	100-125	22,350	7	391
<i>Prunus avium</i>	Wild Cherry	1	Whip (BR)	100-125	22,350	5	279
<i>Prunus spinosa</i>	Blackthorn	1	Whip (BR)	80-100	22,350	5	279
<i>Quercus petraea</i>	Sessile Oak	1	Whip (BR)	100-125	22,350	10	559
<i>Quercus robur</i>	Pedunculate Oak	1	Whip (BR)	100-125	22,350	5	279
<i>Salix caprea</i>	Grey Willow	1	Whip (BR)	100-125	22,350	3	168
<i>Salix cinerea</i>	Grey Willow	1	Whip (BR)	100-125	22,350	3	168
<i>Sorbus aucuparia</i>	Rowan	1	Whip (BR)	100-125	22,350	5	279
<i>Sorbus torminalis</i>	Wild service	1	Whip (BR)	100-125	22,350	3	168
<i>Tilia cordata</i>	Small leaved Lime	1	Whip (BR)	80-100	22,350	3	168
<i>Ulmus glabra</i>	Wych Elm	1	Whip (BR)	80-100	22,350	2	112
Total						100	5588

Woodland trees and shrubs to be planted at 2.0m centres into min 300mm depth topsoil with free draining subsoil beneath. Whips to be randomly planted in areas shown on drawings. Group 3 or 5 of the same species together. All trees to be mulched with sp

Native Hedgerow Planting Schedule

Plant name	Common Name	Height (cm)	Root Condition	Number of times Transplant (min)	Form	Length (lin.m)	Plants/ lin.m	Total No. Plants
Hedgerows (Double staggered row. 5 per m)								
<i>Acer campestre</i>	Field Maple	60-80	B	1+1	Branched	1	5	5
<i>Alnus glutinosa</i>	Alder	60-80	B	1+1	Branched	1	5	5
<i>Corylus avellana</i>	Hazel	60-80	B	1+1	Branched	5	5	25
<i>Crataegus monogyna</i>	Hawthorn	60-80	B	1+1	Transplant	50	5	250
<i>Malus sylvestris</i>	Crab Apple	60-80	B	1+1	Branched	5	5	25
<i>Ilex aquifolium</i>	Holly	60-80	B	1+1	Leader and laterals	8	5	40
<i>Prunus cerasifera</i>	Cherry plum	60-80	B	1+1	Branched	5	5	25
<i>Prunus spinosa</i>	Blackthorn	60-80	B	1+1	Transplant	10	5	50
<i>Rosa canina</i>	Dog Rose	40-50	B	1+0 or 1/1	Branched	5	5	25
<i>Salix caprea</i>	Goat Willow	60-80	B	1+1	Branched	2	5	10
<i>Sorbus aucuparia</i>	Mountain Ash	60-80	B	1+1	Branched	3	5	15
Total						95		475

Standard Tree Planting Schedule

Botanical Name	Common Name	Min No. Branches/	Form	Height (cm)	Number of Trees
<i>Populus nigra agg.</i>	Black-poplar agg.	1	Whip (BR)	150-175	15
<i>Quercus petraea</i>	Sessile Oak	1	Whip (BR)	150-175	10
<i>Quercus robur</i>	Pedunculate Oak	1	Whip (BR)	150-175	10
					35

General

Trees will be planted from local provenance stock grown at the Denbighshire County Council Tree Nursery based on site. The woodlands will contain species typically associated with Lowland Mixed Deciduous Woodland priority habitat types (NVC W10 community) as well as others known to grow in and around the existing site.

Native Woodland Matrix Planting

Native woodland will be planted at average of 2m centres in groups of 3, 5 & 7 to create a mosaic of woodland habitats to provide a wide variety of ecological niches. This will include groves of dense planting along with more open woodland areas and glades. Perimeter deer-proof fencing will be erected around the woodland.

Standard Tree Planting

A variety of native black poplar (*Populus nigra* subsp. *Betulifolia*) clones together with sessile and common oak will be planted within the meadow/ pond areas. This will allow the trees to establish and grow naturally and typically of the species natural growth, form and habit. Tree shelters to be used to protect individual trees from deer browsing and bark stripping during establishment.

Native Hedgerows

Hedgerow to be planted at 5no. plants/ metre as double staggered rows. Hedgerow plants to be set out in groups of 3 and 5. Timber post and 3 wire fence to provided to centre of hedgerow. Tree shelters to be used to protect individual trees from deer and rabbits browsing and bark stripping during establishment. Hedgerow to be mulched in 75mm depth medium grade bark mulch immediately after planting.

Aquatic and Wetland Planting

The ponds will be left to naturally establish and become colonised by native wetland plant species. Should this process not occur as expected, then the approach identified in the ecological report (Biodiversity Advanced reference) will be followed.

Species Rich Meadows

The wildflower meadow area is already relatively species rich, containing a variety of native perennial wildflowers associated with grassland habitats. This habitat will be managed using cut and collect equipment and yellow rattle to reduce the fertility of the soil and control the growth of coarse and dominant grasses, allowing the wildflowers to thrive. New species may be added to the sward using local provenance plug plants grown at the County Tree Nursery.

Project:
Green Gates Farm, St Asaph

Drawing Title:
Indicative Planting Schedules and Planting Notes

Scale: NTS	Date: 29/01/2024
Status: Planning	Drawn: ES Checked: TS
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Landscape Management
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