

GLAN LASH : LLANDBIE : SA18 3NA PLANTING SCHEDULE		rev 9 August 2024		
KEY	SPECIES	NAME	SIZE	QTY
	SEMI-NATURAL WOODLAND TIRYDAIL Oaks to be only UK grown from nursery confirmed free of Oak processionary moth. Ash omitted from mix due to prevalence of ash dieback. Other species substituted for Ash	Woodland planting at 2.00m centres in Tirydail Area.		
Ue	Ulex europaeus Broadcast as seed in discrete areas	Common Gorse	Seed Mix	0.50 %
	CANOPY SPECIES			
Aps	Acer pseudoplatanus	Sycamore	60-90cm 1 +2	3 %
Ag	Alnus glutinosa	Alder	60-90cm 1 +2	5 %
Bpub	Betula pubescens	Downy Birch	60-90cm 1 +2	3 %
Ms	Malus sylvestris	Crab Apple	60-90cm 1 +2	1 %
Qr	Quercus robur	Oak	60-90cm 1 +2	12 %
Pt	Populus tremula	Aspen	60-90cm 1 +2	2 %
Sauc	Sorbus aucuparia	Rowan	60-90cm 1 +2	2 %
St	Sorbus torminalis	Wild Service Tree	60-90cm 1 +2	1 %
Tc	Tilia cordata	Small Leafed Lime	60-90cm 1 +2	3 %
	SHRUB LAYER SPECIES			
Ca	Corylus avellana	Hazel	60-80cm 1 +1	16 %
la	Ilex aquifolium	Holly	30-45cm 3Lpot	14 %
Cm	Crateagus monogyna	Hawthorn	60-80cm 1 +1	16 %
Cy	Cytiscus scoparius	Broom	60-80cm 1 +1	1 %
Lp	Lonicera periclymenum	Honeysuckle	60-80cm 1 +1	3 %
Ps	Prunus spinosa	Blackthorn	60-80cm 1 +1	3 %
Vo	Viburnum opulus	Guelder Rose	60-80cm 1 +1	3 %
Fa	Frangula alnus	Alder Buckthorn	60-80cm 1 +1	3 %
Ra	Rosa arvensis	Field Rose	60-80cm 1 +1	0.50 %
Rc	Rosa canina	Dog Rose	60-80cm 1 +1	0.50 %
Scap	Salix caprea	Goat Willow	60-80cm 1 /0	3 %
Scin	Salix cinerea	Grey Willow	60-80cm 1 /0	3 %
Rb	Rubus fruticosus	Bramble	as available	0.50 %
Sn	Sambucus nigra	Elder	60-80cm 1 +1	0.50 %
Hh	Hedera helix ssp hibernica	Ivy	60-90cm 2Lpot	0.50 %
	TOTAL			100 %
	SEMI-NATURAL WOODLAND EXTERNAL FIELD AREAS AND REVISED GLANLASH EXTENSION SITE Oaks to be only UK grown from nursery confirmed free of Oak processionary moth. Ash omitted from mix due to prevalence of ash dieback. Other species substituted for ash	Woodland planting at 2.00m centres in Existing Fields and Revised Glanlash Extension		
Ue	Ulex europaeus Broadcast as seed in discrete areas	Common Gorse	Seed Mix	0.50 %
Ag	Alder glutinosa	Alder	60-90cm 1 +2	11 %
Aps	Acer pseudoplatanus	Sycamore	60-90cm 1 +2	3 %
Bpub	Betula pubescens	Downy Birch	60-90cm 1 +2	7 %
Ms	Malus sylvestris	Crab Apple	60-90cm 1 +2	2 %
Qr	Quercus robur	Oak	60-90cm 1 +2	11 %
Pt	Populus tremula	Aspen	60-90cm 1 +2	2 %
Sauc	Sorbus aucuparia	Rowan	60-90cm 1 +2	3 %
St	Sorbus torminalis	Wild Service Tree	60-90cm 1 +2	2 %
Tc	Tilia cordata	Small Leafed Lime	60-90cm 1 +2	2 %
	SHRUB LAYER SPECIES			
Ca	Corylus avellana	Hazel	60-80cm 1 +1	14 %
la	Ilex aquifolium	Holly	30-45cm 3Lpot	9 %
Cm	Crateagus monogyna	Hawthorn	60-80cm 1 +1	14 %
Cy	Cytiscus scoparius	Broom	60-80cm 1 +1	1 %
Lp	Lonicera periclymenum	Honeysuckle	60-80cm 1 +1	2 %
Ps	Prunus spinosa	Blackthorn	60-80cm 1 +1	3 %
Vo	Viburnum opulus	Guelder Rose	60-80cm 1 +1	3 %
Fa	Frangula alnus	Alder Buckthorn	60-80cm 1 +1	2 %
Ra	Rosa arvensis	Field Rose	60-80cm 1 +1	0.50 %
Rc	Rosa canina	Dog Rose	60-80cm 1 +1	0.50 %
Scap	Salix caprea	Goat Willow	60-80cm 1 /0	3 %
Scin	Salix cinerea	Grey Willow	60-80cm 1 /0	3 %
Rb	Rubus fruticosus	Bramble	as available	0.50 %
Sn	Sambucus nigra	Elder	60-80cm 1 +1	0.50 %
Hh	Hedera helix ssp hibernica	Ivy	60-90cm 2Lpot	0.50 %
	TOTAL			100 %
	DORMOUSE PLANTING BAND MW11 and MW9 in Revised Glanlash Extension Site	Planting at 1.50m centres double staggered row diagonally through MW11 and MW9 connecting to proposed Scrub Areas Sc1 and Sc2		
Ue	Ulex europaeus	Common Gorse	Seed Mix	1 %

GLAN LASH : LLANDBIE : SA18 3NA PLANTING SCHEDULE		rev 9 August 2024		
KEY	SPECIES	NAME	SIZE	QTY
	Broadcast as seed in discrete areas			
Ca	Corylus avellana	Hazel	60-80cm 1 +1	25 %
la	Ilex aquifolium	Holly	30-45cm 3Lpot	13 %
Cm	Crataegus monogyna	Hawthorn	60-80cm 1 +1	25 %
Cy	Cytiscus scoparius	Broom	60-80cm 1 +1	1 %
Lp	Lonicera periclymenum	Honeysuckle	60-80cm 1 +1	4 %
Ps	Prunus spinosa	Blackthorn	60-80cm 1 +1	6 %
Vo	Viburnum opulus	Guelder Rose	60-80cm 1 +1	7 %
Fa	Frangula alnus	Alder Buckthorn	60-80cm 1 +1	5 %
Ms	Malus sylvestris	Crab Apple	60-80cm 1 +1	5 %
Ra	Rosa arvensis	Field Rose	60-80cm 1 +1	2 %
Rc	Rosa canina	Dog Rose	60-80cm 1 +1	2 %
Rb	Rubus fruticosus	Bramble	as available	2 %
Sn	Sambucus nigra	Elder	60-80cm 1 +1	1.50 %
Hh	Hedera helix ssp hibernica	Ivy	60-90cm 2Lpot	0.50 %
	TOTAL			100 %
	SCRUB PLANTINGS Sc1 and Sc2 and Scrub Areas in Revised Glanlash Extension Site	Scrub Planting at 1.50m centres in staggered rows		
Ue	Ulex europaeus Broadcast as seed in discrete areas	Common Gorse	Seed Mix	4 %
Scin	Salix cinera	Grey Willow	60-90cm 0/1	19 %
Bpub	Betula pubescens	Downy Birch	60-80cm 1 +1	16 %
Cm	Crataegus monogyna	Hawthorn	60-80cm 1 +1	15 %
Cy	Cytiscus scoparius	Broom	60-80cm 1 +1	1 %
Ca	Corylus avellana	Hazel	60-80cm 1 +1	10 %
Ag	Alnus glutinosa	Common Alder	60-80cm 1 +1	10 %
la	Ilex aquifolium	Holly	30-45cm 3Lpot	5 %
Ps	Prunus spinosa	Blackthorn	60-80cm 1 +1	4 %
Rb	Rubus fruticosus	Bramble	as available	4 %
Sauc	Sorbus aucuparia	Rowan	60-80cm 1 +1	4 %
Pt	Populus tremula	Aspen	60-80cm 1 +1	2 %
Lp	Lonicera periclymenum	Honeysuckle	60-80cm 1 +1	2 %
Vo	Viburnum opulus	Guelder Rose	60-80cm 1 +1	1 %
Fa	Frangula alnus	Alder Buckthorn	60-80cm 1 +1	1 %
Sn	Sambucus nigra	Elder	60-80cm 1 +1	1.50 %
Hh	Hedera helix ssp hibernica	Ivy	60-90cm 2Lpot	0.50 %
	TOTAL			100 %
	HEDGEROWS On hedgebanks In Tirydail Area On Hedgebanks on Glanlash Extension	Double Staggered Row at 0.50m apart at 0.30m cts Maintain at 1.50m height		
Cm	Crataegus monogyna	Hawthorn	60-80cm 1 +1	22 %
Ca	Corylus avellana	Hazel	60-80cm 1 +1	15 %
Cs	Cornus sanguinea	Dogwood	60-80cm 1 +1	15 %
la	Ilex aquifolium	Holly	30-45cm 3Lpot	8 %
Fa	Frangula alnus	Alder Buckthorn	60-80cm 1 +1	5 %
Scin	Salix cinera	Grey Willow	60-80cm 0/1	5 %
Sn	Sambucus nigra	Elder	60-80cm 1 +1	5 %
Vo	Viburnum opulus	Guelder Rose	60-80cm 1 +1	5 %
Rbu	Rubus fruticosus	Bramble	as available	5 %
Rc	Rosa canina	Dog Rose	60-80cm 1 +1	5 %
Ra	Rosa arvensis	Field Rose	60-80cm 1 +1	5 %
Lp	Lonicera periclymeum	Honeysuckle	60-80cm 1 +1	4.50 %
Hh	Hedera helix ssp hibernica	Ivy	60-90cm 2Lpot	0.50 %
	TOTAL			100 %
	TREES IN HEDGEROWS IN REVISED GLANLASH EXTENSION SITE Planted in groups of 3 or 5 every 10 - 20m spacings			
Aps	Acer pseudoplatanus	Sycamore	1.20m Feathered	10 %
Bpub	Betula pubescens	Downy Birch	1.20m Feathered	15 %
Qr	Quercus robur	Oak	1.20m Feathered	30 %
Pa	Prunus avium	Wild Cherry	1.20m Feathered	20 %
Pt	Populus tremula	Aspen	1.20m Feathered	15 %
Tc	Tilia cordata	Small leafed Lime	1.20m Feathered	10 %
	TOTAL			100 %
	REED BEDS Reed plants to be obtained from the attenuation ponds and settlement lagoons to inocuate the small ponds proposed within MW11 and MW10 woodland areas under supervision of site ecologist	Excluding any Bulrush (Typha latifolia)		1 Item

**GLAN LASH : LLANDBIE : SA18 3NA
PLANTING SCHEDULE**

rev 9 August 2024

KEY	SPECIES	NAME	SIZE	QTY
	BLUEBELLS Bulbs to be retained when found and translocated and planted as groups into new hedgebanks			1 Item
	OTHER INDIVIDUAL TRANSLOCATIONS TO BE ADDED To be located by ecologist and translocation location agreed			1 Item
	WOODLAND AND SCRUB AREAS GENERAL GRASS MIX IN RESTORED TIP AREAS			
	EMORSGATE EG1 GENERAL PURPOSE MEADOW GRASS			
	Emorsgate Seeds enquires@emorsdgateseeds.com 01553 829028			
	Agrostis capillaris	Common Bent		10 %
	Cynosurus cristatus	Crested Dogstail		35 %
	Festuca rubra	Red Fescue		30 %
	Phleum bertolonii	Smaller Cat's Tail		5 %
	Poa pratensis	Smooth-stalked Meadow Grass		20 %
	TOTAL			100 %
	sow at rate of 5gms per sqm			
	AGRICULTURAL FIELDS Range of Seed Mixes from Wild Wales Seeds liaise with farmer who will graze fields info@wildwales-seeds.co.uk Or the following mix to be used			
	Agrostis capillaris	Common Bent		10 %
	Festuca rubra	Red Fescue		20 %
	Alopecurus pratensis	Meadow Foxtail		10 %
	Phleum pretense	Timothy		10 %
	Lolium perenne	Perennial Rye		30 %
	Trifolium repens	White Clover		15 %
	Trifolium pratense	Red Clover		5 %
	TOTAL			100 %
	Sowing rate 10g/m ² .			
	MARSH GRASSLANDS			
	EMORSGATE SEEDS : MEADOW MIX FOR WETLANDS			
	Ref EG8 Tel 01553 829028 enquiries@emorsgateseeds.com			
	Agrostis capillaris	Common Bent		15 %
	Anthoxanthum odoratum	Sweet Vernal Grass		1.25 %
	Alopecurus pratensis	Meadow Foxtail		6.25 %
	Cynosurus cristatus	Crested Dogstail		45 %
	Deschampsia cespitosa	Tufted Hair Grass		1.25 %
	Festuca rubra	Red Fescue		31.25 %
	TOTAL			100 %
	Sowing rate 5gms per m ²			
	To which some of the following wild flowers may be added as plugs after initial grass sward is established			
	Achillea millefolium	Yarrow		
	Betonica officinalis	Betony		
	Prunella vulgaris	Self Heal		
	Rumex acetosa	Common Sorrel		
	Silene flos-cuculi	Ragged Robin		
	Lotus pedunculatus	Greater Birds Foot Trefoil		
	Succisa pratensis	Devil's Bit Scabious		
	Sanguisorba officinalis	Great Burnet		
	Vicia cracca	Tufted Vetch		
	Centaurea nigra	Common Knapweed		
	Filipendula ulmaria	Meadowsweet		