

## Annex A: London Array Planting Specification - Mixes

### Plant Species List

	Mix	Species	Common Name	%of Mix	Size
	<b>Woodland Mix</b>				
	<b>Trees</b>				
		Acer Pseudoplatonus	Sycamore	10	0.45-0.6m (1+1 transplants)
		Alnus glutinosa	Alder	10	0.45-0.6m (1+1 transplants)
		Carpinus betulus	Hornbeam	10	1.8-2.4m (small feathered)
		Fraxinus excelsior	Ash	10	0.45-0.6m (1+1 transplants)
		Populus tremula	Aspen Poplar	10	0.45-0.6m (1+1 transplants)
		Prunus avium	Wild Cherry	5	0.45-0.6m (1+1 transplants)
		Quercus robur	Common Oak	40	1.8-2.4m (small feathered)
		Salix fragilis	Crack Willow	5	0.45-0.6m (1+1 transplants)
	<b>Shrubs</b>				
		Acer Campestre	Field Maple	15	0.45-0.6m (1+1 transplants)
		Corylus avellana	Hazel	15	0.45-0.6m (1+1 transplants)
		Crataegus monogyna	Hawthorn	15	1.8-2.4m (small feathered)
		Ilex aquifolium	Holly	5	1.8-2.4m (small feathered)
		Malus sylvestris	Crab-apple	5	0.45-0.6m (1+1 transplants)
		Prunus spinosa	Blackthorn	5	0.45-0.6m (1+1 transplants)
		Rosa canina	Dog Rose	5	60-90cm
		Salix caprea	Goat Willow	10	0.45-0.6m (1+1 transplants)
		Salix cinerea	Common Sallow	5	0.45-0.6m (1+1 transplants)
		Salix pentandra	Bay Willow	5	0.45-0.6m (1+1 transplants)
		Salix viminalis	Osier	5	0.45-0.6m (1+1 transplants)
		Viburnum opulus	Guelder Rose	10	60-90cm
	<b>Wildflower (British Seed Houses Mix WFG8) – sowing rate 4g/m<sup>2</sup></b>				
		Allium ursinum	Ramsons		
		Clematis vitalba	Traveller's Joy		
		Cynosurus cristatus	Crested Dogstail		
		Digitalis purpurea	Foxglove		
		Endymion non-scriptus	Bluebell		
		Festuca arundinacea	Tall Fescue		
		Festuca rubra ssp litoralis	Slender Creeping Red Fescue		
		Filipendula ulmaria	Meadow Sweet		
		Geranium robertianum	Herb Robert		
		Geum urbanum	Wood Avens		
		Hypericum perforatum	St John's Wort		
		Lychnis flos-cuculi	Ragged Robin		
		Prunella vulgaris	Self-Heal		
		Silene alba	White Champion		
		Silene dioica	Red Champion		
		Stachys sylvatica	Hedge Woundwort		
		Stellaria holostea	Greater Stitchwort		

		Teucrium scorodonia	Wood Sage		
		Torillia japonica	Upright Hedge Parsley		

**Spacing for Woodland Planting:**

Planting to be carried out on a 1.5m grid, with a minimum of 3m between tree species. Each species to be planted in groups of 3 to 7 of one species.

Mix		Species	Common Name	%of Mix	Size
<b>Hedgerow Mix</b>					
	<b>Trees</b>				
		Acer Campestre	Field Maple	20	10-12cm selected standard
		Acer Pseudoplatonus	Sycamore	15	10-12cm selected standard
		Fraxinus excelsior	Ash	20	10-12cm selected standard
		Quercus robur	English Oak	45	10-12cm selected standard
	<b>Hedge species</b>				
		Acer Campestre	Field Maple	15	0.45-0.6m (1+1 transplants)
		Corylus avellana	Hazel	15	0.45-0.6m (1+1 transplants)
		Crataegus monogyna	Hawthorn	15	1.8-2.4m (small feathered)
		Ilex aquifolium	Holly	5	1.8-2.4m (small feathered)
		Malus sylvestris	Crab-apple	5	0.45-0.6m (1+1 transplants)
		Prunus Spinosa	Blackthorn	10	1.8-2.4m (small feathered)
		Rosa canina	Dog Rose	5	60-90cm
		Salix caprea	Goat Willow	10	0.45-0.6m (1+1 transplants)
		Salix cinerea	Common Sallow	5	0.45-0.6m (1+1 transplants)
		Salix pentandra	Bay Willow	5	0.45-0.6m (1+1 transplants)
		Salix viminalis	Osier	5	0.45-0.6m (1+1 transplants)
		Viburnum opulus	Guelder Rose	5	60-90cm
	<b>Wildflower (British Seed Houses Mix WFG8) – sowing rate 4g/m<sup>2</sup></b>				
		Allium ursinum	Ramsons		
		Clematis vitalba	Traveller's Joy		
		Cynosurus cristatus	Crested Dogstail		
		Digitalis purpurea	Foxglove		
		Endymion non-scriptus	Bluebell		
		Festuca arundinacea	Tall Fescue		
		Festuca rubra ssp litoralis	Slender Creeping Red Fescue		
		Filipendula ulmaria	Meadow Sweet		
		Geranium robertianum	Herb Robert		
		Geum urbanum	Wood Avens		
		Hypericum perforatum	St John's Wort		
		Lychnis flos-cuculi	Ragged Robin		
		Prunella vulgaris	Self-Heal		
		Silene alba	White Champion		
		Silene diocia	Red Champion		
		Stachys sylvatica	Hedge Woundwort		
		Stellaria holostea	Greater Stitchwort		
		Teucrium scorodonia	Wood Sage		
		Torillia japonica	Upright Hedge Parsley		

**Spacing for Hedgerows:**

Planting to be carried out in regular triple staggered rows. Density to be at 450mm centres within rows and 350mm between rows. Hedgerow trees to be planted at irregular spacing, not more than 10m apart in groups of 2 to 4.

Mix		Species	Common Name	%of Mix	
<b>Wild Flower Area - Traditional Hay Meadow</b>					
	<b>Wildflower (British Seed Houses Mix RE1) – sowing rate 4g/m (40kg/ha)</b>				
		Achillea millefolium	Yarrow	1.4%	
		Agrimona eupatorium	Agrimony	1%	
		Agrostis capillaries	Common Bent	14%	
		Anthoxanthum odoratum	Sweet Vernal Grass	2%	
		Centaures nigra	Common Knapweed	1.5%	
		Cynosurus cristatis	Crested Dogstail	24%	
		Festuca rubra ssp litoralis	Slender Creeping Red Fescue	36%	
		Filipendula ulmaria	Meadow Street	1.5%	
		Leontodon Hispidus	Rough Hawkbit	1%	
		Leucanthemum vulgare	Ox-eye Daisy	1.5%	
		Lotus corniculata	Ribwort Plantain	2%	
		Lotus corniculatus	Birdsfoot trefoil	0.5%	
		Oalium Verium	Lady's Bedstraw	1.5%	
		Prunella vulgaris	Self heal	1.5%	
		Ranunculus acria	Meadow Buttercup	1.5%	
		Ranunculus bulbosus	Bulbous Buttercup	1.5%	
		Rhinanthus minor	Yellow Rattle	1%	
		Sanguisorba minor	Sated Burnet	0.5%	
		Trisetum flavescens	Yellow Oat-Grass	6%	

Mix		Species	Common Name	%of Mix	Size
<b>Marginal Naturalisation Area – Wetland Area</b>					
	<b>Wildflower (British Seed Houses Mix WFG9) – sowing rate 4g/m<sup>2</sup></b>				
		<i>Caltha palustris</i>	Marsh Marigold		
		<i>Cynosurus cristatus</i>	Crested Dogstail		
		<i>Festuca arundinacea</i>	Tall Fescue		
		<i>Festuca rubra</i> ssp <i>litoralis</i>	Slender Creeping Red Fescue		
		<i>Filipendula ulmaria</i>	Meadow Sweet		
		<i>Geranium pratense</i>	Meadow Cranesbill		
		<i>Iris pseudacorus</i>	Yellow Flag Iris		
		<i>Lotus uliginosus</i>	Marsh Trefoil		
		<i>Lychnis flos-cuculi</i>	Ragged Robin		
		<i>Lythrum salicaria</i>	Purple loosetrife		
		<i>Prunella vulgaris</i>	Self-Heal		
		<i>Pulicaria dysenterica</i>	Common Fleabane		
		<i>Ranunculus acris</i>	Meadow Buttercup		
		<i>Sanguisorba minor</i>	Greater Burnet		
		<i>Silene dioica</i>	Red Champion		
		<i>Succisa pratensis</i>	Devil's Bit Scabious		
		<i>Vicia sativa</i>	Common Vetch		

Mix		Species	Common Name	% of Mix	Size
<b>Pasture - Meadow Ley</b>					
	<b>Mix (British Seed Houses Mix A25) – sowing rate 8g/m<sup>2</sup> (80kg/ha)</b>				
		Aberavon	Perennial Ryegrass	20%	
		Aberdart	Perennial Ryegrass	20%	
		Aberpasture	White Clover Blend	6.5%	
		Aberstar	Perennial Ryegrass	20%	
		Aberzest	Perennial Ryegrass	27%	
		Presto	Timothy	6.5%	