



By Appointment to HRH The Prince of Wales
Suppliers of Wild Flower and Grass Seeds
Emorsgate Seeds, King's Lynn

EMORSGATE SEEDS 2023



Greater Knapweed, *Centaurea scabiosa*

Completely Wild

MANOR FARM

Langridge
Bath
BA1 8AJ



NEEPS BRIDGE FARM

Middle Drove
Wisbech
PE14 8JT

EMORSGATE SEEDS

Completely Wild since 1980

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WEBSITE: www.emorsgateseeds.com

email: enquiries@emorsgateseeds.com

Ring: 01553 829028, 10.00am – 4.00pm, Monday – Friday

Please order online, by phone or email

Our website gives up to date information on the availability, specification and price of our full range of species and mixtures. The availability of species will vary through the year, with most species available in good quantities in the autumn, just after harvest and cleaning. Most mixtures are usually available throughout the year, but the composition of these mixtures will change to suit the season and the availability of species. Please keep an eye on our website. Although prices may occasionally change, we do try to keep them constant for the calendar year.

















Hoary Plantain, *Plantago media*





















Seed is sold by weight and any quantity may be ordered. The price is calculated from the weight bracket that the quantity falls into. For example, 150g of Yarrow seed will cost 1.5 times the 100g price: $1.5 \times \pounds 16.30 = \pounds 24.45$.

Please be aware that if you require only a few grams of a species it is often cheaper to order 10g.

All species coloured in green with the *scientific name in italics* are of wild British origin. Almost all seeds listed have been grown on our farms and for each species we maintain stock records tracing back to the place of wild origin. The county of origin is given in brackets. During cultivation we take great care to maintain the true character of the wild type and to preserve a very high level of genetic variation within each species.

	Scientific name Common name (origin)	Seeds/g	£/10kg	£/kg	£/100g	£/10g	£/g
	<i>Achillea millefolium</i> Yarrow (Shropshire)	6,000	1,380.00	150.00	16.30	8.00	3.00
	<i>Agrimonia eupatoria</i> Agrimony (Oxfordshire)	50	- - - -	240.00	26.09	8.00	3.00
	<i>Agrostemma githago</i> Corncockle (England)	70	332.00	36.00	12.00	8.00	3.00
	<i>Alliaria petiolata</i> Garlic Mustard (Cumbria)	500	2,070.00	225.00	24.46	8.00	3.00
	<i>Allium ursinum</i> Ransoms (Staffordshire)	150	- - - -	- - - -	65.00	8.00	3.00
	<i>Althaea officinalis</i> Marsh-mallow (Suffolk)	450	- - - -	- - - -	50.00	8.00	3.00
	<i>Anacamptis pyramidalis</i> Pyramidal Orchid (Norfolk)	10,000 (with soil)	- - - -	- - - -	- - - -	12.00	3.00
	<i>Angelica sylvestris</i> Wild Angelica (Somerset)	160	- - - -	240.00	26.09	8.00	3.00
	<i>Anthriscus sylvestris</i> Cow Parsley (Norfolk)	300	- - - -	220.00	23.91	8.00	3.00
	<i>Anthyllis vulneraria</i> Kidney Vetch (Berkshire)	400	6,260.00	680.00	73.91	8.00	3.00
	<i>Aquilegia vulgaris</i> Columbine (Somerset)	600	- - - -	- - - -	- - - -	8.00	3.00
	<i>Arctium minus</i> Lesser Burdock (Somerset)	60	- - - -	- - - -	30.00	8.00	3.00
	<i>Arum maculatum</i> Lords-and-Ladies (Oxfordshire)	20	- - - -	- - - -	36.00	8.00	3.00
	<i>Ballota nigra</i> Black Horehound (Berkshire)	1,200	- - - -	- - - -	- - - -	8.00	3.00





















	Scientific name Common name (origin)	Seeds/g	£/10kg	£/kg	£/100g	£/10g	£/g
	<i>Betonica officinalis</i> Betony (Yorkshire)	700	4,600.00	500.00	54.35	8.00	3.00
	<i>Blackstonia perfoliata</i> Yellow-wort (Somerset)	20,000	-----	-----	-----	34.00	3.70
	<i>Bryonia dioica</i> White Bryony (Berkshire)	-----	-----	-----	-----	8.00	3.00
	<i>Buxus sempervirens</i> Box	-----	-----	-----	89.00	9.70	3.00
	<i>Calluna vulgaris</i> Heather (Derbyshire)	10,000	-----	-----	-----	12.10	3.00
	<i>Caltha palustris</i> Marsh Marigold (Norfolk)	1,000	-----	-----	-----	9.40	3.00
	<i>Campanula latifolia</i> Giant Bellflower (Cumbria)	3,000	-----	-----	60.00	8.00	3.00
	<i>Campanula rotundifolia</i> Harebell (Berkshire)	15,000	-----	-----	240.00	26.00	3.00
	<i>Campanula trachelium</i> Nettle-leaved Bellflower (Somerset)	4,200	-----	-----	60.00	8.00	3.00
	<i>Cardamine hirsuta</i> Hairy Bitter-cress (Somerset)	5,000	-----	260.00	28.26	8.00	3.00
	<i>Carduus nutans</i> Musk Thistle	500	-----	-----	-----	8.00	3.00
	<i>Centaurea cyanus</i> Cornflower (Hertfordshire)	250	1,200.00	130.00	14.13	8.00	3.00
	<i>Centaurea nigra</i> Common Knapweed (Somerset)	450	2,300.00	250.00	27.17	8.00	3.00
	<i>Centaurea scabiosa</i> Greater Knapweed (Dorset)	160	2,940.00	320.00	34.70	8.00	3.00
	<i>Chaerophyllum temulum</i> Rough Chervil (Somerset)	500	3,310.00	360.00	39.13	8.00	3.00
	<i>Chelidonium majus</i> Greater Celandine (Somerset)	1,600	-----	-----	90.00	9.78	3.00
	<i>Cirsium eriophorum</i> Woolly thistle (Somerset)	200	-----	-----	80.00	8.70	3.00
	<i>Comarum palustris</i> Marsh Cinquefoil	-----	-----	-----	-----	-----	8.00
	<i>Convolvulus arvensis</i> Field Bindweed (Somerset)	90	-----	320.00	34.78	8.00	3.00

	Scientific name Common name (origin)	Seeds/g	£/10kg	£/kg	£/100g	£/10g	£/g
	<i>Cota austriaca</i> Corn Chamomile (England)	2,000	994.00	108.00	12.00	8.00	3.00
	<i>Crambe maritima</i> Sea-kale (Kent)	15	-----	-----	54.00	8.00	3.00
	<i>Crithmum maritimum</i> Rock Samphire (Gower)	250	-----	400.00	43.48	8.00	3.00
	<i>Cruciata laevipes</i> Crosswort (Dorset)	200	2,940.00	320.00	34.78	8.00	3.00
	<i>Cynoglossum officinale</i> Hound's-Tongue (Oxfordshire)	20	-----	-----	32.60	8.00	3.00
	<i>Dactylorhiza fuchsii</i> Common Spotted-Orchid (Somerset)	10,000 (with soil)	-----	600.00	65.22	8.00	3.00
	<i>Dactylorhiza fuchsii</i> Common Spotted-Orchid (Somerset)	1m (pure seed)	-----	-----	-----	500.00	54.34
	<i>Daucus carota</i> Wild Carrot (Dorset)	1,000	1,530.00	166.00	18.04	8.00	3.00
	<i>Digitalis purpurea</i> Foxglove (Suffolk)	13,000	1,530.00	166.00	18.04	8.00	3.00
	<i>Dipsacus fullonum</i> Wild Teasel (Lincolnshire)	300	1,470.00	160.00	17.39	8.00	3.00
	<i>Dipsacus pilosus</i> Lesser Teasel (England)	400	-----	-----	-----	-----	4.00
	<i>Echium vulgare</i> Viper's-Bugloss (Hertfordshire)	250	4,970.00	540.00	58.70	8.00	3.00
	<i>Epilobium hirsutum</i> Great Willow-herb (Norfolk)	20,000	-----	-----	-----	-----	4.00
	<i>Epilobium montanum</i> Broad-leaved Willow-herb (Somerset)	16,000	-----	260.00	28.26	8.00	3.00
	<i>Epipactis palustris</i> Marsh Helleborine (various)	10,000 (with soil)	-----	900.00	97.82	10.63	3.00
	<i>Ervilia sylvatica</i> Wood Vetch (various)	100	-----	-----	100.00	10.87	3.00
	<i>Eupatorium cannabinum</i> Hemp-Agrimony (Suffolk)	4,000	-----	880.00	95.65	10.40	3.00
	<i>Filipendula ulmaria</i> Meadowsweet (Shropshire)	1,000	2,300.00	250.00	27.17	8.00	3.00
	<i>Filipendula vulgaris</i> Dropwort (Cumbria)	1,000	-----	580.00	63.04	8.00	3.00


	Scientific name Common name (origin)	Seeds/g	£/10kg	£/kg	£/100g	£/10g	£/g
	<i>Fragaria vesca</i> Wild Strawberry (Norfolk)	2,000	-----	-----	-----	15.00	3.00
	<i>Galeopsis speciosa</i> Large-flowered Hemp-nettle	250	-----	-----	-----	-----	5.00
	<i>Galium album</i> Hedge Bedstraw (Somerset)	1,500	1,200.00	130.00	14.13	8.00	3.00
	<i>Galium verum</i> Lady's Bedstraw (Derbyshire)	2,500	3,220.00	350.00	38.04	8.00	3.00
	<i>Genista tinctoria</i> Dyers Greenweed (Somerset)	300	-----	-----	120.00	13.04	3.00
	<i>Geranium dissectum</i> Cut-Leaved Crane's-Bill (Somerset)	800	-----	-----	50.00	8.00	3.00
	<i>Geranium lucidum</i> Shining Crane's-Bill (Somerset)	1,000	-----	-----	-----	-----	4.00
	<i>Geranium molle</i> Dove's-foot Crane's-Bill (Somerset)	1,000	-----	-----	-----	8.00	3.00
	<i>Geranium pratense</i> Meadow Crane's-Bill (Gloucestershire)	100	4,780.00	520.00	56.52	8.00	3.00
	<i>Geranium pyreniacum</i> Hedge Crane's-bill (Somerset)	600	4,600.00	500.00	54.35	8.00	3.00
	<i>Geranium sanguineum</i> Bloody Crane's-Bill (Northumberland)	150	-----	-----	-----	-----	4.00
	<i>Geum rivale</i> Water Avens (Staffordshire)	700	-----	540.00	58.70	8.00	3.00
	<i>Geum urbanum</i> Wood Avens (Staffordshire)	400	-----	220.00	23.91	8.00	3.00
	<i>Glebionis segetum</i> Corn Marigold (Cornwall)	600	1,470.00	160.00	17.39	8.00	3.00
	<i>Helianthemum nummularium</i> Rockrose	900	-----	-----	-----	18.00	3.00
	<i>Hesperis matronalis</i> Dames-violet	400	-----	300.00	32.61	8.00	3.00
	<i>Heracleum sphondylium</i> Hogweed (Somerset)	150	-----	150.00	16.30	8.00	3.00
	<i>Hippocrepis comosa</i> Horseshoe Vetch (Wiltshire)	350	7,540.00	820.00	89.13	9.69	3.00
	<i>Hyacinthoides non-scripta</i> Bluebell (Carmarthenshire)	120	4,140.00	450.00	48.91	8.00	3.00

	Scientific name Common name (origin)	Seeds/g	£/10kg	£/kg	£/100g	£/10g	£/g
	<i>Iberis amara</i> Wild Candytuft (Hertfordshire)	1,000	-----	-----	-----	-----	4.00
	<i>Inula conyzae</i> Ploughman's Spikenard (Oxfordshire)	4,000	-----	-----	-----	18.00	3.00
	<i>Iris foetidissima</i> Gladdon (Somerset)	20	-----	-----	48.40	8.00	3.00
	<i>Iris pseudacorus</i> Yellow Flag-iris (Staffordshire)	20	4,420.00	480.00	52.17	8.00	3.00
	<i>Jasione montana</i> Sheep's-bit	50,000	-----	-----	-----	-----	8.00
	<i>Knautia arvensis</i> Field Scabious (Derbyshire)	150	2,850.00	310.00	33.70	8.00	3.00
	<i>Lapsana communis</i> Nipplewort (Oxfordshire)	800	-----	-----	31.00	8.00	3.00
	<i>Lathyrus pratensis</i> Meadow Vetchling (Lincolnshire)	60	-----	600.00	65.22	8.00	3.00
	<i>Lathyrus sylvestris</i> Narrow-leaved Everlasting-pea (Dorset)	25	-----	460.00	50.00	8.00	3.00
	<i>Legousia hybrida</i> Venus's Looking-glass (Somerset)	10,000	-----	-----	-----	50.00	5.43
	<i>Leontodon hispidus</i> Rough Hawkbit (Somerset)	900	4,780.00	520.00	56.52	8.00	3.00
	<i>Leucanthemum vulgare</i> Moon Daisy (Yorkshire)	2,000	1,410.00	150.00	16.30	8.00	3.00
	<i>Linum bienne</i> Pale Flax (Dorset)	800	-----	-----	30.43	8.00	3.00
	<i>Linum catharticum</i> Fairy Flax (Somerset)	10,000	-----	-----	280.00	30.43	3.31
	<i>Lipandra polysperma</i> Many-seeded Goosefoot (Somerset)	800	-----	-----	-----	-----	3.00
	<i>Lotus corniculatus</i> Bird's-Foot Trefoil (Notts)	800	5340.00	580.00	63.04	8.00	3.00
	<i>Lotus pedunculatus</i> Greater Bird's-Foot Trefoil	800	-----	600.00	65.22	8.00	3.00
	<i>Lycopus europaeus</i> Gypsywort (England)	4,000	-----	420.00	45.65	8.00	3.00
	<i>Lythrum salicaria</i> Purple Loose-Strife (Cambridgeshire)	20,000	-----	-----	38.00	8.00	3.00

	Scientific name Common name (origin)	Seeds/g	£/10kg	£/kg	£/100g	£/10g	£/g
	Malva arborea Tree Mallow (Cornwall)	80	- - - -	340.00	36.96	8.00	3.00
	Malva moschata Musk-Mallow (Lincolnshire)	500	2,580.00	280.00	30.43	8.00	3.00
	Matricaria chamomilla Scented Mayweed (England)	10,000	- - - -	- - - -	- - - -	- - - -	3.00
	Medicago lupulina Black Medick (Norfolk)	400	920.00	100.00	10.87	8.00	3.00
	Mentha aquatic Water Mint (Cambridgeshire)	5,000	- - - -	- - - -	- - - -	- - - -	5.00
	Myosotis arvensis Field Forget-me-not (Somerset)	2,000	- - - -	- - - -	- - - -	- - - -	3.00
	Myrrhis odorata Sweet Cicely (Dumfriesshire)	20	- - - -	- - - -	- - - -	- - - -	3.00
	Oenanthe pimpinelloides Corky-fruited Water-dropwort(Dorset)	450	- - - -	210.00	22.82	8.00	3.00
	Origanum vulgare Wild Marjoram (Gloucestershire)	11,000	- - - -	600.00	65.22	8.00	3.00
	Ornithogalum pyrenaicum Bath Asparagus (Somerset)	125	- - - -	- - - -	52.00	8.00	3.00
	Orobanche elatior Knapweed Broomrape (Somerset)	100,000	- - - -	- - - -	- - - -	- - - -	6.00
	Orobanche minor Common Broomrape (Somerset)	100,000	- - - -	- - - -	- - - -	- - - -	6.00
	Papaver lecoqii Yellow-juiced Poppy (Somerset)	6,000	- - - -	- - - -	- - - -	16.00	3.00
	Papaver rhoeas Common Poppy (Lancashire)	10,000	1,010.00	110.00	11.96	8.00	3.00
	Pastinaca sativa Wild Parsnip (Norfolk)	230	- - - -	260.00	28.26	8.00	3.00
	Pilosella aurantiaca Fox-and-cubs (Somerset)	6,000	- - - -	- - - -	- - - -	- - - -	7.00
	Pimpinella major Greater Burnet-saxifrage (Derbyshire)	500	- - - -	- - - -	- - - -	8.00	3.00
	Plantago lanceolata Ribwort Plantain (Wiltshire)	300	1,200.00	130.00	14.13	8.00	3.00
	Plantago media Hoary Plantain (Somerset)	2,000	1,750.00	190.00	20.65	8.00	3.00

	Scientific name Common name (origin)	Seeds/g	£/10kg	£/kg	£/100g	£/10g	£/g
	<i>Polemonium caeruleum</i> <i>Jacob's Ladder</i>	-----	-----	-----	48.00	8.00	3.00
	<i>Potentilla erecta</i> Tormentil (Oxfordshire)	2,500	-----	-----	-----	-----	5.00
	<i>Poterium sanguisorba</i> Salad Burnet (Yorkshire)	250	1,120.00	122.00	13.26	8.00	3.00
	<i>Primula elatior</i> Oxlip (Cambridgeshire)	1,100	-----	-----	-----	18.00	3.00
	<i>Primula veris</i> Cowslip (Lincolnshire)	900	3,310.00	360.00	39.13	8.00	3.00
	<i>Primula vulgaris</i> Primrose (Somerset)	1,300	-----	4,700.00	510.87	55.53	6.04
	<i>Prunella vulgaris</i> Selfheal (Yorkshire)	1,200	1,840.00	200.00	21.74	8.00	3.00
	<i>Ranunculus acris</i> Meadow Buttercup (Suffolk)	600	1,290.00	140.00	15.22	8.00	3.00
	<i>Ranunculus arvensis</i> Corn Buttercup (Oxfordshire)	180	-----	310.00	33.69	8.00	3.00
	<i>Ranunculus bulbosus</i> Bulbous Buttercup (Somerset)	350	-----	290.00	31.52	8.00	3.00
	<i>Reseda luteola</i> Weld (Oxfordshire)	4,500	-----	290.00	31.52	8.00	3.00
	<i>Rhinanthus minor</i> Yellow Rattle (Wiltshire, Somerset)	300	3,170.00	345.00	37.50	8.00	3.00
	<i>Rumex acetosa</i> Common Sorrel (Leicestershire)	1,400	2,210.00	240.00	26.09	8.00	3.00
	<i>Rumex acetosella</i> Sheep's Sorrel (Suffolk)	1,500	-----	330.00	35.87	8.00	3.00
	<i>Rumex obtusifolius</i> Broad-leaved Dock (Somerset)	1,000	-----	-----	14.30	8.00	3.00
	<i>Rumex sanguineus</i> Wood Dock (Somerset)	1,500	-----	-----	16.50	8.00	3.00
	<i>Sanguisorba officinalis</i> Great Burnet (Oxfordshire)	600	-----	-----	55.00	8.00	3.00
	<i>Saponaria officinalis</i> Soapwort (Norfolk)	500	-----	440.00	47.82	8.00	3.00
	<i>Scabiosa columbaria</i> Small Scabious (Hertfordshire)	800	-----	550.00	59.78	8.00	3.00

	Scientific name Common name (origin)	Seeds/g	£/10kg	£/kg	£/100g	£/10g	£/g
	Scrophularia auriculata Water Figwort (Somerset)	12,000	-----	-----	-----	-----	3.00
	Senecio vulgaris Groundsel (Somerset)	10,000	-----	-----	-----	12.00	3.00
	Sherardia arvensis Field Madder (Somerset)	2,000	-----	-----	-----	-----	5.00
	Silaum silaus Pepper-saxifrage (Yorkshire)	400	-----	340.00	36.96	8.00	3.00
	Silene dioica Red Campion (Shropshire)	1,000	1,200.00	130.00	14.30	8.00	3.00
	Silene flos-cuculi Ragged Robin (Cambridgeshire)	5,000	4,230.00	460.00	50.00	8.00	3.00
	Silene latifolia White Campion (Somerset)	800	1,470.00	160.00	17.39	8.00	3.00
	Silene noctiflora Night-flowering Catchfly	1,200	736.00	80.00	8.70	8.00	3.00
	Silene uniflora Sea Campion (Pembrokeshire)	1,500	-----	-----	-----	-----	6.00
	Silene vulgaris Bladder Campion (Hertfordshire)	1,200	1,560.00	170.00	18.47	8.00	3.00
	Sisymbrium officinale Hedge Mustard (Somerset)	5,000	-----	-----	36.00	8.00	3.00
	Spergula arvensis Corn Spurrey (Buckinghamshire)	3,000	-----	-----	-----	8.00	3.00
	Succisa pratensis Devil's-bit Scabious (Oxfordshire)	650	-----	550.00	59.78	8.00	3.00
	Tamus communis Black Bryony (Berkshire)	100	-----	-----	-----	8.00	3.00
	Tanacetum parthenium Feverfew (Somerset)	12,000	-----	-----	-----	8.00	3.00
	Taraxacum officinale Dandelion (Somerset)	1,300	2,850.00	310.00	33.70	8.00	3.00
	Teucrium scorodonia Wood Sage (Norfolk)	1,400	-----	-----	42.00	8.00	3.00
	Thalictrum flavum Common Meadow-rue (Cambridgeshire)	600	-----	-----	-----	8.00	3.00

	Scientific name Common name (origin)	Seeds/g	£/10kg	£/kg	£/100g	£/10g	£/g
	<i>Torilis japonica</i> Upright Hedge-parsley (Suffolk)	600	-----	360.00	39.13	8.00	3.00
	<i>Tragopogon pratensis</i> Goat's Beard (Somerset)	60	-----	-----	40.00	8.00	3.00
	<i>Umbilicus rupestris</i> Navelwort (Glamorgan)	50,000	-----	-----	-----	-----	6.00
	<i>Verbascum nigrum</i> Dark Mullein (Cumbria)	10,000	-----	-----	36.00	8.00	3.00
	<i>Verbascum thapsus</i> Great Mullen (Suffolk)	12,000	-----	200.00	21.74	8.00	3.00
	<i>Veronica arvensis</i> Wall Speedwell (Somerset)	10,000	-----	-----	-----	8.00	3.00
	<i>Veronica persica</i> Common Field-speedwell (Somerset)	3,000	-----	240.00	26.09	8.00	3.00
	<i>Vicia cracca</i> Tufted Vetch (Cambridgeshire)	40	4,780.00	520.00	56.52	8.00	3.00
	<i>Vicia bithynica</i> Bithynian Vetch (Somerset)	60	-----	-----	-----	8.00	3.00
	<i>Vicia sativa</i> Common Vetch (Gloucestershire)	50	-----	220.00	23.91	8.00	3.00
	<i>Viola riviniana</i> Common Dog-violet	-----	-----	-----	-----	14.00	3.00

Common Knapweed, *Centaurea nigra*, and Meadow Brown Butterfly

Scientific name Common Name (origin)	Seeds/g	£/10kg	£/kg	£/100g	£/10g	£/g
<i>Agrostis capillaris</i> Common Bent (Caernarvonshire)	15,000	-----	-----	12.00	8.00	3.00
<i>Agrostis vinealis</i> Brown Bent (Derbyshire)	15,000	1,380.00	150.00	16.30	8.00	3.00
<i>Alopecurus geniculatus</i> Marsh Foxtail (Norfolk)	1,000	-----	180.00	19.57	8.00	3.00
<i>Alopecurus pratensis</i> Meadow Foxtail (Northumberland)	1,000	-----	180.00	19.57	8.00	3.00
<i>Anthoxanthum odoratum</i> Sweet Vernal-Grass (Wiltshire)	1,500	2,020.00	220.00	23.91	8.00	3.00
<i>Arrhenatherum elatius</i> False Oat-Grass (Norfolk)	300	-----	-----	32.00	8.00	3.00
<i>Avena fatua</i> Wild Oat (Somerset)	150	-----	-----	26.00	8.00	3.00
<i>Avenella flexuosa</i> Wavy Hair-grass	3,000	-----	-----	-----	-----	5.00
<i>Avenula pubescens</i> Downy Oat-Grass (Yorkshire)	320	-----	-----	36.00	8.00	3.00
<i>Brachypodium sylvaticum</i> False Brome (Hertfordshire)	400	1,700.00	185.00	20.11	8.00	3.00
<i>Briza media</i> Quaking Grass (Cambridgeshire)	2,500	1,470.00	160.00	17.39	8.00	3.00
<i>Bromopsis erecta</i> Upright Brome (Somerset)	200	828.00	90.00	12.00	8.00	3.00
<i>Bromus hordeaceus</i> Soft Brome (Somerset)	200	-----	80.00	12.00	8.00	3.00
<i>Carex divulsa</i> Grey Sedge (Somerset)	800	1,840.00	200.00	21.74	8.00	3.00
<i>Carex echinata</i> Star Sedge (Somerset)	600	2,580.00	280.00	30.43	8.00	3.00
<i>Carex flacca</i> Glaucous Sedge (Somerset)	800	2,300.00	250.00	27.17	8.00	3.00
<i>Carex sylvatica</i> Wood Sedge (Somerset)	800	-----	-----	80.00	8.69	3.00
<i>Cynosurus cristatus</i> Crested Dog's-tail (Yorkshire)	1,000	-----	90.00	12.00	8.00	3.00

Scientific name Common Name (origin)	Seeds/g	£/10kg	£/kg	£/100g	£/10g	£/g
<i>Dactylis glomerata</i> Cocksfoot	800	460.00	50.00	12.00	8.00	3.00
<i>Deschampsia cespitosa</i> Tufted Hair-grass (Oxfordshire)	4,000	700.00	76.00	12.00	8.00	3.00
<i>Festuca ovina</i> Sheep's Fescue (Yorkshire)	1,200	552.00	60.00	12.00	8.00	3.00
<i>Festuca rubra</i> Red Fescue	1,000	- - - -	40.00	12.00	8.00	3.00
<i>Festuca rubra ssp litoralis</i> Red Fescue (Cumbria)	1,000	368.00	40.00	12.00	8.00	3.00
<i>Hordeum secalinum</i> Meadow Barley	- - - -	- - - -	260.00	28.26	8.00	3.00
<i>Juncus sp</i> Rush	10,000	- - - -	- - - -	55.00	8.00	3.00
<i>Koeleria macrantha</i> Crested Hair-Grass (Yorkshire)	3,000	- - - -	240.00	26.09	8.00	3.00
<i>Lolium perenne</i> Perennial Ryegrass (Kent)	500	184.00	20.00	12.00	8.00	3.00
<i>Phleum bertolonii</i> Small Cat's Tail (Derbyshire)	4,000	828.00	90.00	12.00	8.00	3.00
<i>Schedonorus arundinaceus</i> Tall Fescue (Kent)	400	276.00	30.00	12.00	8.00	3.00
<i>Trisetum flavescens</i> Yellow Oat-Grass (Leicestershire)	2,500	2,300.00	250.00	27.17	8.00	3.00
<i>Typha latifolia</i> Bullrush (Gower)	- - - -	- - - -	- - - -	58.00	8.00	3.00

Wood Sedge, *Carex sylvatica*

Amenity and agricultural cultivars may sometimes be similar to the wild form of the same species, for example, Crested Dog’s-tail and Small-leaved White-clover. However, the majority of cultivars have been bred for genetic uniformity and robustness, and are usually larger and more vigorous, when compared to the wild type, and often show poor long-term persistence. Because they are genetically uniform they do not possess the genetic diversity needed to respond to different and changing wild environments.

Scientific name Common name	Seeds/g	£/10kg	£/kg	£/100g	£/10g	£/g
<i>Achillea millefolium</i> Yarrow	10,000	- - - -	55.00	12.00	8.00	3.00
<i>Agrostis capillaris</i> Common Bent	15,000	276.00	30.00	12.00	8.00	3.00
<i>Agrostis stolonifera</i> Creeping Bent	15,000	- - - -	24.00	12.00	8.00	3.00
<i>Alopecurus pratensis</i> Meadow Foxtail	1,000	- - - -	100.00	12.00	8.00	3.00
<i>Cynosurus cristatus</i> Crested Dog’s-tail	1,600	230.00	25.00	12.00	8.00	3.00
<i>Dactylis glomerata</i> Cocksfoot	1,000	203.00	22.00	12.00	8.00	3.00
<i>Festuca ovina</i> Sheep’s Fescue	1,200	221.00	24.00	12.00	8.00	3.00
<i>Festuca rubra</i> Slender-creeping Red-fescue	1,000	203.00	22.00	12.00	8.00	3.00
<i>Festuca rubra ssp commutata</i> Chewing’s Fescue	1,000	203.00	22.00	12.00	8.00	3.00
<i>Festuca rubra ssp rubra</i> Strong-creeping Red-fescue	1,000	203.00	22.00	12.00	8.00	3.00
<i>Holcus lanatus</i> Yorkshire Fog	2,500	- - - -	50.00	12.00	8.00	3.00
<i>Lolium multiflorum</i> Westerwolds Ryegrass	400	184.00	20.00	12.00	8.00	3.00
<i>Lolium perenne</i> Perennial Ryegrass	500	184.00	20.00	12.00	8.00	3.00
<i>Lotus corniculatus</i> Bird’s-foot Trefoil	800	424.00	46.00	12.00	8.00	3.00
<i>Onobrychis viciifolia</i> Sainfoin	40	276.00	30.00	12.00	8.00	3.00

<i>Phleum bertolonii</i> Smaller Cat's-tail	4,000	258.00	28.00	12.00	8.00	3.00
<i>Plantago lanceolata</i> Ribwort Plantain	300	- - - -	40.00	12.00	8.00	3.00
<i>Poa nemoralis</i> Wood Meadow-grass	4,000	258.00	28.00	12.00	8.00	3.00
<i>Poa pratensis</i> Smooth-stalked Meadow-grass	3,000	203.00	22.00	12.00	8.00	3.00
<i>Poa trivialis</i> Rough-stalked Meadow-grass	4,000	221.00	24.00	12.00	8.00	3.00
<i>Schedonorus pratensis</i> Meadow Fescue	500	203.00	22.00	12.00	8.00	3.00
<i>Trifolium hybridum</i> Alsike Clover	- - - -	313.00	34.00	12.00	8.00	3.00
<i>Trifolium pratense</i> Red Clover	500	203.00	22.00	12.00	8.00	3.00
<i>Trifolium repens</i> Small-leaved White-clover	1,400	221.00	24.00	12.00	8.00	3.00



Small-leaved White-clover, *Trifolium repens*

SEED DORMANCY and GERMINATION

The germination requirements of most wild seeds are that the seed should be fully imbibed (wet), exposed to moderate temperatures (10-25°C), exposed to light, and the seed should be non-dormant. Dormancy is a property of a proportion of the seeds of some species that helps to reduce germination at an inclement time of year, or under the wrong conditions, and helps to prevent all seeds germinating at once. There are three main types of seed dormancy:

TEMPERATURE: The seeds of some species require exposure to a period of low temperature (while fully imbibed) to break dormancy. This process, termed vernalisation, is a requirement in many species that normally have spring germinating seeds, e.g. Primula species, Yellow Rattle and Betony.

SEED COAT: Some species have seeds with a hard seed coat. In these species the seed coat must be degraded by abrasion or decay sufficient to allow the seed to imbibe water. This requirement, termed scarification, is found in Geraniums, Legumes and some other species.

TIME: There are a variety of other mechanisms that ensure that seeds of a species do not all germinate at once. These seeds will often exhibit complex time and environment related patterns of germination.

SOWING SPECIES UNDER GLASS

Autumn and spring are good times to sow under glass, in a polythene tunnel, or in a conservatory, although seeds requiring vernalisation are best sown in the autumn. Fill a seed tray to $\frac{3}{4}$ deep with peat-free seed sowing compost, firm and water well. Sprinkle seeds on the surface at 100-500 seeds per tray and add a light covering of horticultural grit. Do not bury the seeds. Cover the tray with a sheet of glass and place in an unheated position, out of direct sunlight. Remove the glass at the first sign of germination. From an autumn sowing this will normally be in February or March. Place the tray on a bench, watering as required. Prick out the seedlings into potting compost as soon as they can be handled, holding only by the cotyledon. Grow on under glass, harden off outside, and plant out as soon as the conditions are suitable.

SOWING SPECIES OUTSIDE

Spring and autumn are the best times to sow outside. Prepare a weed free seed bed with a medium/fine firm tilth. Sow the seeds on the surface in patches (1000-4000 seeds/m²), or in rows (100-500 seeds/m). Firm the surface to give good seed/soil contact, but do not cover the seeds. Germination will occur over a period of time depending on the species, conditions and sowing date.



Rhinanthus minor

Yellow Rattle is an attractive annual of hay meadows. It is partially parasitic on some other grassland species and will often reduce the vigour of adjacent coarse grasses, resulting in transient dominance of Yellow Rattle in patches across a field. Each patch triggers a succession, allowing other sown species to establish in the vacant niches left by Yellow Rattle.

Broadcast Yellow Rattle seed in the autumn onto existing scarified grassland at up to 0.5g/m². The seed requires vernalisation to break dormancy, and will germinate in February or March of the following year. The plants flower in June and die after shedding seed in July.

Yellow Rattle can reduce the productivity of grassland, and its presence will increase and maintain species diversity of a meadow.



Orchids have dust like seed that can survive perhaps 5 years or so while dormant in the soil, but, on germination, the seedlings must form a close, within-cell, association with specific soil fungi. This symbiotic relationship continues below ground for 2-3 years, and then also as the young plant emerges above ground, through to flowering, perhaps 6-10 years after germination.

There is no easy way of knowing if your site can provide the right conditions for Orchids. The required fungus is, however, very common. Also, it appears that grassland Orchids establish and grow best in short, open, flower rich swards on poor soils.

Sprinkle the seed finely over the surface of your chosen spot. Allow rain to wash the seed down through the vegetation and into the soil, and manage consistently from year to year with a mid August cut. When flowering occurs, perhaps after 6-10 years, continue with the mid August cut to allow seed set and dispersal.



Common Spotted-orchid, *Dactylorhiza fuchsii*

Our Orchid seed is sold mixed with dry sieved soil taken from our Orchid plots. This aids handling and assists in providing the mycorrhizal fungi required by Orchids. The proportion used is 1 part seed to 99 parts soil. Each gram of mixture will contain an estimated 10,000 seeds.

GENERAL PURPOSE MEADOW MIXTURES, EM1-EM3

EM1, EM2 and EM3 are perennial mixtures for creating flower rich meadows on a wide range of soil types.

MEADOW MIXTURES for SPECIFIC SOILS, EM4-EM10

These mixtures are designed specifically for different soil types, including clay, loams, sandy soils, calcareous soils and wetlands.

BRUSH HARVESTED MEADOW MIXTURES, EM11-EM32

These are completely wild mixtures and have been brush harvested directly from high quality wild donor sites.

SPECIAL PURPOSE MIXTURES, EP1, EH1 and EW1

This group includes mixtures for the wet conditions at pond edges, the shaded conditions below hedges, and woodland ground flora.

CORNFIELD ANNUALS, EC1 and EC2

These wild cornfield annual mixtures produce a brilliant display of flowers in the first summer after sowing. Maintain from year to year by cultivating in the autumn.

MIXTURE COMPOSITION

Most of our complete mixtures consist of 20% wild flower seed and 80% grass seed by weight. The exceptions are; EM1, which contains 10% wild flower seed, EM2, which contains 15% wild flower seed, and Cornfield Mixtures EC1 and EC2, which are 100% wild flower seed. Special mixtures can be created by selecting seeds from the species lists, and/or by combining a range of flower (only) and grass (only) mixtures in varying proportions. The species composition of our mixtures will change to suit the season and the availability of species. For example, Yellow Rattle will not germinate from a spring sowing. Please keep an eye on our website.

SOWING RATES for MEADOW MIXTURES

The standard rate for sowing meadow mixtures in a garden, or a landscaping situation, is 4g/m². This rate should not be exceeded, but may be reduced when sowing on farmland and over large areas. In such situations, and where conditions are good, 2g/m² is usually adequate. The rate may be reduced further to 1g/m². This low rate creates an open structure, allowing for natural colonisation by other species. An application rate of 1g/m² equates to approximately 1,000 seeds/m².

If resources are limited it is better to sow at a low rate on a larger area than at a standard rate on a small area. The standard rate gives quicker establishment of full ground cover, but after 10-20 years there may be little observable difference between sowing rates of 4g/m², 2g/m² and 1g/m².

EM1: BASIC GENERAL PURPOSE MEADOW MIXTURE

This is a simple low cost meadow mixture suitable for a wide range of soil types. The wild flowers are robust and showy, and the grasses are fine and slow growing. EM1 consists of 10% wild flowers and 90% meadow grasses.

% **Wild flowers** (EM1F)

- 0.3 *Achillea millefolium*, Yarrow
- 1.5 *Centaurea nigra*, Common Knapweed
- 0.5 *Daucus carota*, Wild Carrot
- 1.5 *Leucanthemum vulgare*, Moon Daisy
- 2.5 *Plantago lanceolata*, Ribwort Plantain
- 1.0 *Prunella vulgaris*, Selfheal
- 2.5 *Ranunculus acris*, Meadow Buttercup
- 0.2 *Rumex acetosa*, Common Sorrel

% **Meadow grasses** (EG1)

- 9.0 *Agrostis capillaris*, Common Bent
- 31.5 *Cynosurus cristatus*, Crested Dog's-tail
- 27.0 *Festuca rubra*, Red Fescue
- 4.5 *Phleum bertolonii*, Smaller Cat's-tail
- 18.0 *Poa pratensis*, Meadow-grass



EM2: STANDARD GENERAL PURPOSE MEADOW MIXTURE

This meadow mixture contains a good range of species and is suitable for a wide variety of soil types. EM2 contains 15% wild flowers and 20% meadow grasses.

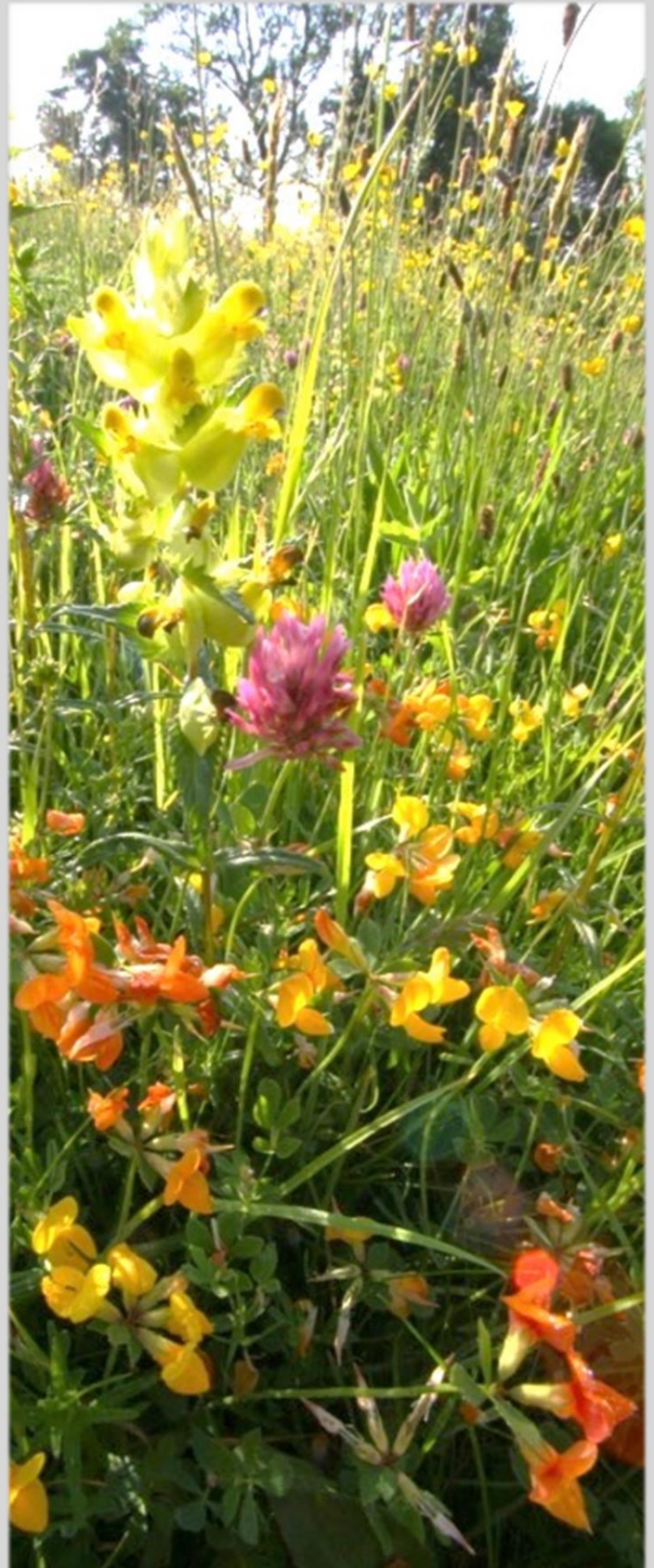
%	Wild flowers (EM2F)
0.5	<i>Achillea millefolium</i> , Yarrow
1.0	<i>Centaurea nigra</i> , Common Knapweed
1.0	<i>Daucus carota</i> , Wild Carrot
0.5	<i>Galium verum</i> , Lady's Bedstraw
0.5	<i>Geranium pratense</i> , Meadow Crane's-bill
1.0	<i>Knautia arvensis</i> , Field Scabious
1.0	<i>Leucanthemum vulgare</i> , Moon Daisy
1.0	<i>Malva moschata</i> , Musk Mallow
2.0	<i>Plantago lanceolata</i> , Ribwort Plantain
1.0	<i>Poterium sanguisorba</i> , Salad Burnet
0.4	<i>Primula veris</i> , Cowslip
2.0	<i>Prunella vulgaris</i> , Selfheal
2.0	<i>Ranunculus acris</i> , Meadow Buttercup
1.0	<i>Rhinanthus minor</i> , Yellow Rattle
0.1	<i>Rumex acetosa</i> , Common Sorrel
%	Meadow grasses (EG1)
8.5	<i>Agrostis capillaris</i> , Common Bent
29.8	<i>Cynosurus cristatus</i> , Crested Dog's-tail
25.5	<i>Festuca rubra</i> , Red Fescue
4.2	<i>Phleum bertolonii</i> , Smaller Cat's-tail
17.0	<i>Poa pratensis</i> , Meadow Grass



EM3: SPECIAL GENERAL PURPOSE MEADOW MIXTURE

Meadow mixture EM3 contains a very wide range of species. It may be used to create a very diverse sward, or where conditions and soil type may vary across a site. EM3 consists of 20% wild flower seed and 80% meadow grasses.

%	Wild flowers (EM3F)
0.3	<i>Achillea millefolium</i> , Yarrow
0.5	<i>Agrimonia eupatoria</i> , Agrimony
0.2	<i>Betonica officinalis</i> , Betony
1.5	<i>Centaurea nigra</i> , Common Knapweed
0.5	<i>Centaurea scabiosa</i> , Greater Knapweed
1.0	<i>Cruciata laevipes</i> , Crosswort
1.0	<i>Daucus carota</i> , Wild Carrot
0.1	<i>Echium vulgare</i> , Viper's-bugloss
0.5	<i>Filipendula ulmaria</i> , Meadowsweet
0.5	<i>Galium album</i> , Hedge Bedstraw
0.5	<i>Galium verum</i> , Lady's Bedstraw
0.2	<i>Geranium pratense</i> , Meadow Cranesbill
1.0	<i>Knautia arvensis</i> , Field Scabious
0.2	<i>Leontodon hispidus</i> , Rough Hawkbit
1.5	<i>Leucanthemum vulgare</i> , Moon Daisy
0.1	<i>Lotus corniculatus</i> , Bird's-foot Trefoil
1.0	<i>Malva moschata</i> , Musk Mallow
0.5	<i>Medicago lupulina</i> , Black Medick
0.1	<i>Origanum vulgare</i> , Wild Marjoram
0.4	<i>Pastinaca sativa</i> , Wild Parsnip
1.5	<i>Plantago lanceolata</i> , Ribwort Plantain
1.0	<i>Poterium sanguisorba</i> , Salad Burnet
0.2	<i>Primula veris</i> , Cowslip
2.0	<i>Prunella vulgaris</i> , Selfheal
1.5	<i>Ranunculus acris</i> , Meadow Buttercup
0.2	<i>Ranunculus bulbosus</i> , Bulbous Buttercup
1.0	<i>Rhinanthus minor</i> , Yellow Rattle
0.2	<i>Rumex acetosa</i> , Common Sorrel
0.1	<i>Silaum silaus</i> , Pepper Saxifrage
0.5	<i>Silene vulgaris</i> , Bladder Champion
0.1	<i>Torilis japonica</i> , Upright Hedge-parsley
0.1	<i>Tragopogon pratensis</i> , Goat's Beard
%	Meadow grasses (EG1)
8.0	<i>Agrostis capillaris</i> , Common Bent
28.0	<i>Cynosurus cristatus</i> , Crested Dog's-tail
24.0	<i>Festuca rubra</i> , Red Fescue
4.0	<i>Phleum bertolonii</i> , Smaller Cat's-tail
16.0	<i>Poa pratensis</i> , Meadow Grass



EM4: MEADOW MIXTURE for CLAY SOILS

EM4 is a special mixture for clay soils, containing wild flowers and wild grasses that are well adapted to these conditions.

% **Wild flowers (EM4F)**

- 0.5 *Achillea millefolium*, Yarrow
- 0.5 *Agrimonia eupatoria*, Agrimony
- 0.5 *Betonica officinalis*, Betony
- 2.0 *Carex flacca*, Glaucous Sedge
- 2.5 *Centaurea nigra*, Common Knapweed
- 0.2 *Filipendula ulmaria*, Meadowsweet
- 0.5 *Geranium pratense*, Meadow Crane's-bill
- 1.0 *Knautia arvensis*, Field Scabious
- 0.2 *Leontodon hispidus*, Rough Hawkbit
- 1.5 *Leucanthemum vulgare*, Moon Daisy
- 0.2 *Lotus corniculatus*, Bird's-foot Trefoil
- 1.0 *Malva moschata*, Musk Mallow
- 2.5 *Plantago lanceolata*, Ribwort Plantain
- 0.4 *Primula veris*, Cowslip
- 2.0 *Prunella vulgaris*, Selfheal
- 1.5 *Ranunculus acris*, Meadow Buttercup
- 0.5 *Ranunculus bulbosus*, Bulbous Buttercup
- 1.0 *Rhinanthus minor*, Yellow Rattle
- 0.5 *Rumex acetosa*, Common Sorrel
- 0.5 *Silaum silaus*, Pepper Saxifrage
- 0.5 *Vicia cracca*, Tufted Vetch

% **Meadow grasses (EG4)**

- 5.0 *Agrostis capillaris*, Common Bent
- 3.0 *Anthoxanthum odoratum*, Sweet Vernal-grass
- 3.0 *Briza media*, Quaking Grass
- 58.0 *Cynosurus cristatus*, Crested Dog's-tail
- 10.0 *Festuca rubra*, Red Fescue
- 1.0 *Trisetum flavescens*, Yellow Oat-grass



Clay soils are composed of very fine particles and are sticky and heavy when wet, and very hard when dry. Therefore they are difficult to work, and it is often best to autumn plough and allow winter frosts to create a tilth. Clay soils are usually moderately fertile and slightly acid to neutral in pH.

EM5: MEADOW MIXTURE for LOAMY SOILS

EM5 is suitable for loamy soils and is based on MG5 grasslands, the flower rich meadows that were once widespread in lowland Britain, but are now very rare.

% **Wild flowers** (EM5F)

- 0.3 *Achillea millefolium*, Yarrow
- 0.5 *Agrimonia eupatoria*, Agrimony
- 0.5 *Betonica officinalis*, Betony
- 1.5 *Carex flacca*, Glaucous Sedge
- 2.5 *Centaurea nigra*, Common Knapweed
- 0.5 *Daucus carota*, Wild carrot
- 0.5 *Galium verum*, Lady's Bedstraw
- 0.5 *Geranium pratense*, Meadow Cranesbill
- 1.0 *Knautia arvensis*, Field Scabious
- 0.2 *Leontodon hispidus*, Rough Hawkbit
- 1.5 *Leucanthemum vulgare*, Moon Daisy
- 0.3 *Lotus corniculatus*, Bird's-foot Trefoil
- 1.0 *Malva moschata*, Musk Mallow
- 0.5 *Medicago lupulina*, Black Medick
- 1.5 *Plantago lanceolata*, Ribwort Plantain
- 0.5 *Primula veris*, Cowslip
- 2.0 *Prunella vulgaris*, Selfheal
- 2.0 *Ranunculus acris*, Meadow Buttercup
- 0.2 *Ranunculus bulbosus*, Bulbous Buttercup
- 1.0 *Rhinanthus minor*, Yellow Rattle
- 0.5 *Rumex acetosa*, Common Sorrel
- 0.5 *Silaum silaus*, Pepper Saxifrage
- 0.5 *Vicia cracca*, Tufted Vetch

% **Meadow grasses** (EG5)

- 5.0 *Agrostis capillaris*, Common Bent
- 3.0 *Anthoxanthum odoratum*, Sweet Vernal-grass
- 3.0 *Briza media*, Quaking Grass
- 58.0 *Cynosurus cristatus*, Crested Dog's-tail
- 10.0 *Festuca rubra*, Red Fescue
- 1.0 *Trisetum flavescens*, Yellow Oat-grass



EM5 is suitable for sowing onto poor to moderately fertile loam soils. Loam soils are easy to work, neutral in pH, and the typical soil of lowland Britain.

EM6: MEADOW MIXTURE for CHALK and LIMESTONE SOILS

This rich mixture is suitable for sowing onto thin lime-rich soils over chalk or limestone. Calcareous soils are high in pH, free draining, often nutrient poor, and can support some of the most diverse and interesting plant communities.

% **Wild flowers (EM6F)**

0.2	<i>Achillea millefolium</i> , Yarrow
0.5	<i>Agrimonia eupatoria</i> , Agrimony
0.2	<i>Anthyllis vulneraria</i> , Kidney Vetch
0.2	<i>Betonica officinalis</i> , Betony
1.0	<i>Carex flacca</i> , Glaucous Sedge
1.0	<i>Centaurea nigra</i> , Common Knapweed
2.0	<i>Centaurea scabiosa</i> , Greater Knapweed
1.0	<i>Daucus carota</i> , Wild Carrot
0.4	<i>Filipendula vulgaris</i> , Dropwort
0.5	<i>Galium album</i> , Hedge Bedstraw
0.5	<i>Galium verum</i> , Lady's Bedstraw
1.0	<i>Knautia arvensis</i> , Field Scabious
0.2	<i>Leontodon hispidus</i> , Rough Hawkbit
1.0	<i>Leucanthemum vulgare</i> , Moon Daisy
0.2	<i>Lotus corniculatus</i> , Bird's-foot Trefoil
0.5	<i>Medicago lupulina</i> , Black Medick
0.2	<i>Origanum vulgare</i> , Wild Marjoram
1.0	<i>Pastinaca sativa</i> , Wild Parsnip
1.0	<i>Plantago lanceolata</i> , Ribwort Plantain
0.5	<i>Plantago media</i> , Hoary Plantain
2.0	<i>Poterium sanguisorba</i> , Salad Burnet
0.3	<i>Primula veris</i> , Cowslip
1.5	<i>Prunella vulgaris</i> , Selfheal
0.9	<i>Ranunculus bulbosus</i> , Bulbous Buttercup
1.0	<i>Rhinanthus minor</i> , Yellow Rattle
0.2	<i>Rumex acetosa</i> , Common Sorrel
1.0	<i>Silene vulgaris</i> , Bladder Campion

% **Meadow grasses (EG6)**

2.0	<i>Briza media</i> , Quaking Grass
10.0	<i>Bromopsis erecta</i> , Upright Brome
42.0	<i>Cynosurus cristatus</i> , Crested Dog's-tail
13.0	<i>Festuca ovina</i> , Sheep's Fescue
10.0	<i>Festuca rubra</i> , Red Fescue
2.0	<i>Koeleria macrantha</i> , Crested Hair-grass
1.0	<i>Trisetum flavescens</i> , Yellow Oat-grass



EM7: MEADOW MIXTURE for SANDY SOILS

Meadow mixture EM7 contains species that are deep rooting and drought tolerant. It is suitable for well-drained sandy soils of moderate pH.

% **Wild flowers** (EM7F)

- 0.5 *Achillea millefolium*, Yarrow
- 0.2 *Anthyllis vulneraria*, Kidney Vetch
- 0.2 *Betonica officinalis*, Betony
- 2.0 *Centaurea nigra*, Common Knapweed
- 1.5 *Cruciata laevipes*, Crosswort
- 0.5 *Cynoglossum officinale*, Hound's-tongue
- 2.0 *Daucus carota*, Wild Carrot
- 0.2 *Echium vulgare*, Viper's-bugloss
- 2.5 *Galium verum*, Lady's Bedstraw
- 1.0 *Knautia arvensis*, Field Scabious
- 0.2 *Leontodon hispidus*, Rough Hawkbit
- 1.0 *Leucanthemum vulgare*, Moon Daisy
- 0.2 *Lotus corniculatus*, Bird's-foot Trefoil
- 0.5 *Medicago lupulina*, Black Medick
- 1.3 *Poterium sanguisorba*, Salad Burnet
- 1.5 *Prunella vulgaris*, Selfheal
- 0.5 *Ranunculus acris*, Meadow Buttercup
- 0.5 *Reseda luteola*, Weld
- 1.0 *Rhinanthus minor*, Yellow Rattle
- 0.5 *Rumex acetosella*, Sheep's Sorrel
- 1.0 *Silene alba*, White Campion
- 1.0 *Silene vulgaris*, Bladder Campion
- 0.2 *Verbascum thapsus*, Great Mullein

% **Meadow grasses** (EG7)

- 4.0 *Agrostis capillaris*, Common Bent
- 4.0 *Agrostis vinealis*, Brown Bent
- 4.0 *Anthoxanthum odoratum*, Sweet Vernal-grass
- 45.0 *Cynosurus cristatus*, Crested Dog's-tail
- 10.0 *Festuca ovina*, Sheep's Fescue
- 10.0 *Festuca rubra*, Red Fescue
- 3.0 *Koeleria macrantha*, Crested Hair-grass



Sandy soils can be drought prone and are best sown in the autumn or winter.

EM8: MEADOW MIXTURE for WETLANDS

EM8 is suitable for seasonally wet soils in lowland areas and is based on the vegetation of traditional water meadows.

% **Wild flowers** (EM8F)

0.5	<i>Achillea millefolium</i> , Yarrow
1.0	<i>Betonica officinalis</i> , Betony
3.0	<i>Centaurea nigra</i> , Common Knapweed
0.4	<i>Filipendula ulmaria</i> , Meadowsweet
3.0	<i>Galium verum</i> , Lady's Bedstraw
0.5	<i>Leontodon hispidus</i> , Rough Hawkbit
0.5	<i>Leucanthemum vulgare</i> , Moon Daisy
1.8	<i>Lotus corniculatus</i> , Bird's-foot Trefoil
1.0	<i>Plantago lanceolata</i> , Ribwort Plantain
0.5	<i>Primula veris</i> , Cowslip
0.4	<i>Prunella vulgaris</i> , Selfheal
0.8	<i>Ranunculus acris</i> , Meadow Buttercup
0.2	<i>Ranunculus bulbosus</i> , Bulbous Buttercup
0.8	<i>Rhinanthus minor</i> , Yellow Rattle
1.4	<i>Rumex acetosa</i> , Common Sorrel
0.1	<i>Sanguisorba officinalis</i> , Great Burnet
0.3	<i>Silaum silaus</i> , Pepper Saxifrage
2.0	<i>Silene flos-cuculi</i> , Ragged Robin
0.3	<i>Succisa pratensis</i> , Devil's-bit Scabious
0.6	<i>Taraxacum officinale</i> , Dandelion
0.1	<i>Tragopogon pratensis</i> , Goat's Beard
0.8	<i>Vicia cracca</i> , Tufted Vetch

% **Wetland grasses** (EG8)

4.0	<i>Agrostis capillaris</i> , Common Bent
4.0	<i>Anthoxanthum odoratum</i> , Sweet Vernal-grass
4.0	<i>Briza media</i> , Quaking Grass
54.0	<i>Cynosurus cristatus</i> , Crested Dog's-tail
4.0	<i>Deschampsia cespitosa</i> , Tufted Hair-grass
10.0	<i>Festuca rubra</i> , Red Rescue



EM10: TUSSOCK and WAYSIDE MIXTURE

The robust wild flowers and grasses in this mixture will form a tussock structure, providing an excellent habitat for invertebrates, birds and other creatures throughout the year.

% **Wild flowers** (EM10F)

0.4	<i>Achillea millefolium</i> , Yarrow
0.5	<i>Agrimonia eupatoria</i> , Agrimony
0.4	<i>Arctium lappa</i> , Greater Burdock
0.4	<i>Arctium minus</i> , Lesser Burdock
2.0	<i>Carex echinata</i> , Star Sedge
2.0	<i>Centaurea nigra</i> , Common Knapweed
0.5	<i>Centaurea scabiosa</i> , Greater Knapweed
1.5	<i>Chaerophyllum temulum</i> , Rough Chervil
0.4	<i>Cirsium eriophorum</i> , Woolly Thistle
1.0	<i>Cruciata laevipes</i> , Crosswort
1.0	<i>Daucus carota</i> , Wild Carrot
2.0	<i>Dipsacus fullonum</i> , Wild Teasel
0.2	<i>Filipendula ulmaria</i> , Meadowsweet
1.0	<i>Galium album</i> , Hedge Bedstraw
0.4	<i>Geranium pratense</i> , Meadow Cranesbill
0.4	<i>Knautia arvensis</i> , Field Scabious
1.0	<i>Leucanthemum vulgare</i> , Moon Daisy
1.0	<i>Malva moschata</i> , Musk Mallow
1.5	<i>Ranunculus acris</i> , Meadow Buttercup
0.5	<i>Silene alba</i> , White Campion
1.0	<i>Silene dioica</i> , Red Campion
0.5	<i>Torilis japonica</i> , Upright Hedge-parsley
0.4	<i>Vicia cracca</i> , Tufted Vetch

% **Tussock grasses** (EG10)

47.0	<i>Cynosurus cristatus</i> , Crested Dog's-tail
8.0	<i>Deschampsia cespitosa</i> , Tufted Hair-grass
8.0	<i>Festuca rubra</i> , Red Fescue
2.0	<i>Schedonorus arundinaceus</i> , Tall Fescue
15.0	<i>Schedonorus pratensis</i> , Meadow Fescue



Tussock and wayside grasslands are not normally grazed, and are cut only every 2-5 years to control scrub. The resulting vegetation provides year round structural habitat diversity, hibernation and nesting sites and foraging opportunities for invertebrates, reptiles and amphibians, mammals and birds. Created biodiversity can be huge.



BRUSH HARVESTING METHOD

We designed and made the first meadow brush harvester in 1986. A world first, and that harvester is still going strong. Unlike suction harvesters and fan assisted brush harvesters, our brush harvesters are very kind to invertebrates. We have several 1.4m side-mounted harvesters, a loader mounted 2.0m brush harvester and a 3.0m trailed brush harvester. Typical yield of clean dry seed is \pm 10-40kg/acre and work rate is \pm 0.5-1.0 acres/1.0m brush length/hour. Standing hay crops are not harmed.

Brush harvesting produces a completely wild, 100% natural, meadow mixture. With only 3% of wild meadows surviving in the British Isles, and these often as small isolated fields, brush harvesting provides a method to enlarge and link these important sites without harming their scientific and heritage value.

CONTRACT BRUSH HARVESTING COSTS

- Pre-harvest site visit, \pm £400.00
- Brush harvesting, \pm £500.00/acre
- Seed drying and cleaning, \pm £100.00/acre
- Sample seed analysis, \pm £300.00/sample
- Temperature and humidity controlled seed storage, \pm £10.00/kg/year

MEADOWS WANTED

We pay £100.00-200.00/acre for the option to brush harvest the very best species rich unimproved hay meadows.

Prices and costs will vary depending on site conditions and context.

EM11: CRICKLADE MIXTURE

EM11 is harvested from North Meadow at Cricklade. North Meadow is an MG4 flood plain meadow, probably the finest remaining example in The British Isles. Limited supplies of seed, and sometimes not available.



Harvest time on North Meadow using a 1.4m side mounted brush harvester.

EM18: S^t CATHERINE MIXTURE



EM18 is harvested from hay meadows on thin soils over limestone at S^t Catherine, just north of Bath. This is a superb mixture rich in calcareous grassland species with a wild flower seed content well over 50%.



Harvest time at St Catherine using a 3.0m trailed brush harvester.

EM31: CLATTINGER MEADOWS



Clattinger Farm is a Wiltshire Wildlife Trust Nature Reserve situated on the upper Thames flood plain. The fields at Clattinger are SSSI, consisting of both flood plain meadow MG4 grasslands and lowland meadow MG5 grasslands. Limited supplies of seed and sometimes not available.

EM32: HIGHGROVE MEADOWS



EM32 is a great mixture harvested from the special meadows at Highgrove House in Wiltshire

EM33: WELSH MARCHES UPLAND MEADOWS



Mixture EM33 has been brush harvested from upland hay meadows on the border between Wales and England.

EM34: MIXED DIVERSE MEADOWS



EM34 is a blended brush harvested mixture from diverse meadows. It contains a huge number of wild meadow species, is brimming with biodiversity, and will adapt to most conditions.

EP1: POND EDGE MIXTURE

Pond Edge Mixture EP1 contains wild flowers and grasses suitable for sowing at the wet margins of ponds, streams and ditches.

% **Wild flowers** (EP1F)

- 0.5 *Angelica sylvestris*, Wild Angelica
- 0.1 *Caltha palustris*, Marsh Marigold
- 0.5 *Carex echinata*, Star Sedge
- 0.2 *Carex pendula*, Pendulous Sedge
- 2.0 *Centaurea nigra*, Common Knapweed
- 1.2 *Cruciata laevipes*, Crosswort
- 0.5 *Dipsacus fullonum*, Wild Teasel
- 0.1 *Eupatorium cannabinum*, Hemp Agrimony
- 3.5 *Filipendula ulmaria*, Meadowsweet
- 0.5 *Geum rivale*, Water Avens
- 8.0 *Iris pseudacorus*, Yellow Flag-iris
- 0.2 *Lycopus europaeus*, Gypsywort
- 0.1 *Lysimachia vulgaris*, Yellow Loosestrife
- 0.2 *Lythrum salicaria*, Purple Loosestrife
- 0.5 *Oenanthe pimpinelloides*, Corky-fruited Water-dropwort
- 0.5 *Prunella vulgaris*, Selfheal
- 0.1 *Pulicaria dysenterica*, Common Fleabane
- 1.0 *Silene dioica*, Red Campion
- 0.1 *Silene flos-cuculi*, Ragged Robin
- 0.1 *Thalictrum flavum*, Common Meadow-rue
- 0.1 *Typha latifolia*, Bullrush

% **Wetland grasses** (EG8)

- 4.0 *Agrostis capillaris*, Common Bent
- 4.0 *Anthoxanthum odoratum*, Sweet Vernal-grass
- 4.0 *Briza media*, Quaking Grass
- 54.0 *Cynosurus cristatus*, Crested Dog's-tail
- 4.0 *Deschampsia cespitosa*, Tufted Hair-grass
- 10.0 *Festuca rubra*, Red Rescue



EP1 may be sown as a 1m band at the water margin, extending further into boggy areas. Beyond this, sow wetland mixture EM8, or another suitable meadow mixture.

EH1: HEDGEROW MIXTURE

EH1 contains species that are adapted to semi-shade and is suitable for sowing alongside newly planted and established hedges, and on rides and woodland margins.

%	Wild flowers (EH1F)
2.0	<i>Agrimonia eupatoria</i> , Agrimony
0.1	<i>Alliaria petiolata</i> , Garlic Mustard
1.0	<i>Arctium minus</i> , Lesser Burdock
0.1	<i>Anthriscus sylvestris</i> , Cow Parsley
1.5	<i>Carex echinata</i> , Star Sedge
2.0	<i>Centaurea nigra</i> , Common Knapweed
0.5	<i>Chaerophyllum temulum</i> , Rough Chervil
1.0	<i>Cruciata laevipes</i> , Crosswort
0.8	<i>Daucus carota</i> , Wild Carrot
1.5	<i>Dipsacus fullonum</i> , Wild Teasel
1.0	<i>Filipendula ulmaria</i> , Meadowsweet
0.5	<i>Galium album</i> , Hedge Bedstraw
0.2	<i>Geranium pratense</i> , Meadow Crane’s-bill
1.5	<i>Leucanthemum vulgare</i> , Moon Daisy
0.1	<i>Origanum vulgare</i> , Wild Marjoram
0.2	<i>Primula veris</i> , Cowslip
1.0	<i>Prunella vulgaris</i> , Selfheal
0.2	<i>Rumex acetosa</i> , Common Sorrel
0.1	<i>Saponaria officinalis</i> , Soapwort
2.5	<i>Silene dioica</i> , Red Campion
1.0	<i>Silene vulgaris</i> , Bladder Campion
1.0	<i>Torilis japonica</i> , Upright Hedge-parsley
0.2	<i>Vicia cracca</i> , Tufted Vetch
%	Grasses (EG9)
5.0	<i>Agrostis capillaris</i> , Common Bent
4.0	<i>Anthoxanthum odoratum</i> , Sweet Vernal-grass
1.0	<i>Brachypodium sylvaticum</i> , False Brome
45.0	<i>Cynosurus cristatus</i> , Crested Dog’s-tail
5.0	<i>Deschampsia cespitosa</i> , Tufted Hair-grass
10.0	<i>Festuca rubra</i> , Red-fescue
10.0	<i>Poa nemoralis</i> , Wood Meadow-grass



The flora at the base of hedges is vulnerable to field operations. Mixture EH1 can be used to repair past damage, or may be sown when planting a new hedge.

EW1: WOODLAND MIXTURE

EW1 is a very good mixture of woodland wild flowers and grasses that will bloom in spring and early summer.

% Wild flowers (EW1F)	
0.2	<i>Alliaria petiolata</i> , Garlic Mustard
1.0	<i>Allium ursinum</i> , Ransoms
0.5	<i>Anthriscus sylvestris</i> , Cow Parsley
0.5	<i>Arctium minus</i> , Lesser Burdock
0.1	<i>Campanula trachelium</i> , Nettle-leaved Bell-flower
0.2	<i>Carex sylvatica</i> , Wood Sedge
1.5	<i>Chaerophyllum temulum</i> , Rough Chervil
3.0	<i>Digitalis purpurea</i> , Foxglove
0.1	<i>Eupatorium cannabinum</i> , Hemp-agrimony
1.5	<i>Filipendula ulmaria</i> , Meadowsweet
1.0	<i>Galium album</i> , Hedge Bedstraw
0.2	<i>Geum urbanum</i> , Wood Avens
3.0	<i>Hyacinthoides non-scripta</i> , Bluebell
0.5	<i>Iris foetidissima</i> , Gladdon
0.5	<i>Prunella vulgaris</i> , Selfheal
4.0	<i>Silene dioica</i> , Red Campion
0.2	<i>Teucrium scorodonia</i> , Wood Sage
1.0	<i>Torilis japonica</i> , Upright Hedge-parsley
1.0	<i>Vicia cracca</i> , Tufted Vetch
% Grasses (EG9)	
5.0	<i>Agrostis capillaris</i> , Common Bent
4.0	<i>Anthoxanthum odoratum</i> , Sweet Vernal-grass
1.0	<i>Brachypodium sylvaticum</i> , False Brome
45.0	<i>Cynosurus cristatus</i> , Crested Dog's-tail
5.0	<i>Deschampsia cespitosa</i> , Tufted Hair-grass
10.0	<i>Festuca rubra</i> , Red-fescue
10.0	<i>Poa nemoralis</i> , Wood Meadow-grass



Woodland wild flowers require some shade to thrive, so use this mixture in established woods, or in young woodland, as the canopy begins to close in.

EC1 and EC2 CORNFIELD MIXTURES

Cornfield mixtures produce a brilliant show of flowers in June and July from an autumn, winter or early spring sowing. Sow alone at 2g/m² onto prepared bare soil. All species in EC1 and EC2 are hardy and wild to the British Isles. They are self-sustaining year to year with annual autumn cultivation. Alternatively, sow as a colourful "nurse" for a meadow mixture.



EC1: STANDARD CORNFIELD MIXTURE

EC2: SPECIAL CORNFIELD MIXTURE

%	Wild flowers
50.0	<i>Agrostemma githago</i> , Corn Cockle
20.0	<i>Centaurea cyanus</i> , Cornflower
5.0	<i>Cota austriaca</i> , Corn Chamomile
15.0	<i>Glebionis segetum</i> , Corn Marigold
10.0	<i>Papaver rhoeas</i> , Common Poppy

%	Wild flowers
30.0	<i>Agrostemma githago</i> , Corn Cockle
25.0	<i>Centaurea cyanus</i> , Cornflower
4.0	<i>Cota austriaca</i> , Corn Chamomile
15.0	<i>Glebionis segetum</i> , Corn Marigold
2.0	<i>Linum bienne</i> , Pale Flax
1.0	<i>Matricaria chamomilla</i> , Scented Mayweed
10.0	<i>Papaver rhoeas</i> , Common Poppy
8.0	<i>Ranunculus arvensis</i> , Corn Buttercup
2.0	<i>Sinapis arvensis</i> , Charlock
1.0	<i>Tripleurospermum inodorum</i> , Mayweed
2.0	<i>Veronica persica</i> , Common Field-speedwell



MEADOW CREATION: 3m roller feed seed box mounted on 3m discs surface sowing a meadow mixture at 2g/m² onto the surface of prepared bare soil



MEADOW RESTORATION: 3m roller feed seed box mounted on 3m discs surface sowing a meadow mixture at 2g/m² onto the surface of scarified species poor grassland

MEADOW CREATION BY SOWING ONTO PREPARED SOIL

Ground Preparation: Select ground that is not highly fertile, and does not have a problem with perennial weeds. Remove any existing vegetation by repeated cultivation or turf stripping. Then plough, surface cultivate or dig to bring up clean soil, harrow or rake to produce a medium tilth, and roll or tread to produce a firm surface. Aim to produce a firm, weed free, medium tilth, seed-bed.

Sowing rate: Sow at 4g/m² in a landscaping or garden setting. A reduced rate of around 2g/m² may be used in an agricultural setting or on large areas.

Sowing: Sow in the autumn or the spring, or at any other time of the year if the ground conditions are good. Divide the quantity of seed and sow half in one direction over the entire area and the remainder at 90°. The seed must be sown on the surface and can be applied by seed drill, seed fiddle, or broadcast by hand. Do not incorporate or cover the seed, but firm in with a roll, or by treading, to give good seed/soil contact.

Aftercare: Most of the sown meadow species are perennial and are slow to establish. Soon after sowing there will be a flush of annual weeds, arising from the soil seed bank. These weeds can look unsightly, but they will offer shelter to the sown seedlings, are great for bugs, and they will die before the year is out. So resist cutting the annual weeds until mid to late summer, especially if the mixture contains Yellow Rattle, or has been sown with a nurse of cornfield annuals. Then cut, remove and compost. Early August is a good time. This will reveal the young meadow, which can then be kept short by grazing or mowing through to the end of March of the following year.

In the second growing season, and each year thereafter, leave the meadow uncut and un-grazed from the end of March to mid-summer, allowing the sown species to flower in June and July. After flowering, cut and remove the vegetation. This may be taken off as hay, or cut and stacked nearby to rot. The meadow may then be kept mown or grazed through to the end of March in the following year. Moderate winter poaching is beneficial. Flowering in the second growing season will be very good, and as the years go by, and with good management, species diversity will increase.

Cutting date can be varied from year to year, bringing it forward to early July if the meadow becomes rank, or taking a later cut in early August if the structure is good. Perennial weeds can be controlled by selective scything or topping. Cut perennial weeds at flowering and before seed set.

MEADOW RESTORATION BY SOWING INTO EXISTING GRASS

Meadow restoration is a no-plough method for diversifying existing established grassland. However, restoration is more challenging than creation, and success depends upon, (1) a good site, (2) very hard scarification, (3) autumn sowing and (4) Yellow Rattle.

Select grassland with a good wild grass content (but otherwise species poor) on poor to moderately fertile soil. Avoid ground infested with Docks, Thistles or Nettles. Prepare in late summer by cutting low and/or grazing very hard. Then scarify hard with harrows or by raking, aiming to create around 50% bare soil. This is best done when the ground is dry. Sow on the surface in the autumn (September is the best month) using a complete meadow mixture at 4g/m², following the method given above. Then roll hard to firm back the soil and give good seed/soil contact. Continue cutting or grazing after sowing the seed, and until the end of March in the following year. From then on manage as a meadow, leaving it uncut each year till mid summer.

Yellow Rattle at up to 0.5g/m², if not already in the standard mixture, will help to suppress some of the existing coarse grasses and assist in the establishment of the sown species.

SOWING YELLOW RATTLE INTO EXISTING GRASS

Ground preparation: Yellow Rattle is a partial parasitic annual of other plant species. Its hosts include Perennial Ryegrass and Yorkshire Fog. Sowing Yellow Rattle can reduce the productivity of grassland, reduce competition from existing grasses and increase species diversity. However, establishment can be tricky. Prepare for sowing by cutting or grazing very hard in mid summer. Then scarify hard with harrows or by raking, aiming to create around 50% bare soil.

Sowing: Yellow Rattle seed has poor longevity in soil and a strict requirement for vernalisation. It will not germinate from a spring sowing. Therefore, sow fresh seed in late summer to early winter at up to 0.5g/m². Yellow Rattle may be sown alone or combined with other species. Sow on the surface and roll in. Autumn and winter grazing will help to tread the seed in.

Aftercare: Germination usually occurs around February/March. Cease grazing or cutting at the end of March and manage as an established meadow. Under favourable conditions plant numbers can increase quickly, producing a flush of Yellow Rattle in years two or three. A flush is always followed by decline, and it is this decline that provides opportunities for other sown species.

Heavy grazing or cutting during the growing season will eliminate Yellow Rattle.

SOWING SPECIAL PURPOSE MIXTURES

Ground preparation for these mixtures will be similar to that for meadow creation, taking into account the site and ground conditions. In many cases it will be necessary to create a weed free seed-bed before sowing the seed. As with meadow mixtures, sow on the surface and firm in.

Tussock, Pond, Woodland, Hedgerow, and Pollinator mixes should be left uncut throughout the year and from year to year, or can be lightly grazed. However, occasional selective scything and topping may be needed to control scrub or patches of weed.

SOWING CORNFIELD ANNUALS

Ground preparation: Cultivate the soil to create a weed free seed-bed with a medium to fine firm tilth, following the method described for meadow creation.

Sowing rate: Sow cornfield mixtures at 2g/m². If sown as a nurse for a meadow then sow both mixes together at a combined rate of 6g/m².

Sowing: If the Cornfield Annuals are being sown alone then sow in the autumn, winter or early spring. A later sowing will shift flowering beyond the normal peak in June. If sowing as a nurse for a meadow mixture then combine the two mixtures and sow in the autumn, winter or early spring. Sow on the surface and roll in.

Aftercare: Cornfield Annuals sown alone should be allowed to grow, flower and shed seed, then in late summer the area can be cut and cultivated. An annual cultivation is essential for re-establishment from self-sown seed.

If the cornfield annuals have been sown as a nurse for a meadow mixture then cut after flowering in mid summer and remove the cuttings, but do not cultivate. The cornfield annuals will suppress annual weed growth in the first year and give shelter to the under-sown perennial meadow species. After cutting manage the area as an established meadow, allowing the meadow species to replace the cornfield annuals in year two and thereafter.

COMPLETE MIXTURES

Listed below are the prices for complete mixtures

		£/100kg	£/10kg	£/kilo	£/100g	Page
General Purpose Meadow Mixtures						
EM1	Basic general purpose	3,220.00	350.00	38.00	12.00	21
EM2	Standard general purpose	4,230.00	460.00	50.00	12.00	22
EM3	Special general purpose	5,590.00	607.00	66.00	12.00	23
Meadow Mixtures for Specific Soils						
EM4	For clay soils	6,090.00	662.00	72.00	12.00	24
EM5	For loamy soils	5,920.00	644.00	70.00	12.00	25
EM6	For chalk and limestone soils	7,110.00	773.00	84.00	12.00	26
EM7	For sandy soils	6,430.00	699.00	76.00	12.00	27
EM8	For wetlands	6,940.00	754.00	82.00	12.00	28
EM10	Tussock and wayside mixture	5,920.00	644.00	70.00	12.00	29
Brush Harvested Meadow Mixtures						
EM11	Cricklade North Meadow	8,460.00	920.00	100.00	12.00	31
EM18	S ^T Catherine Meadows	7,280.00	791.00	86.00	12.00	32
EM31	Clattinger Meadows	- - - -	1,010.00	110.00	12.00	33
EM32	Highgrove Meadows	9,310.00	1,010.00	110.00	12.00	33
EM33	Welsh Borders Upland Meadows	6,770.00	736.00	80.00	12.00	34
EM34	Mixed diverse meadows	5,920.00	644.00	70.00	12.00	34
Special Purpose Mixtures						
EP1	Pond edge mixture	- - - -	883.00	96.00	12.00	35
EH1	Hedgerow mixture	6,600.00	718.00	78.00	12.00	36
EW1	Woodland mixture	8,130.00	883.00	96.00	12.00	37
Cornfield Annual Mixtures						
EC1	Standard cornfield mixture	6,430.00	699.00	76.00	12.00	38
EC2	Special cornfield mixture	8,460.00	920.00	100.00	12.00	38

Any quantity of seed may be ordered (minimum quantity 100g). The cost is calculated from the weight bracket that the quantity falls into. Quantities less than 1kg are charged at the 100g rate, 1kg and over at the 1kg rate, etc. For example, 1.5kg of EM1 will cost 1.5 x the kg rate: 1.5 x £38.00 = £57.00.

PART MIXTURES

Listed below are the prices for part mixtures

		£/100kg	£/10kg	£/kilo	£/100g	Page
100% Wild flower mixtures						
EM1F	Basic general purpose	- - - -	2,020.00	220.00	23.91	21
EM2F	Standard general purpose	- - - -	2,300.00	250.00	27.17	22
EM3F	Special general purpose	- - - -	2,580.00	280.00	30.43	23
EM4F	Wild flowers for clay soils	- - - -	2,210.00	240.00	26.09	24
EM5F	Wild flowers for loamy soils	- - - -	2,210.00	240.00	26.09	25
EM6F	For chalk and limestone soils	- - - -	2,390.00	260.00	28.26	26
EM7F	Wild flowers for sandy soils	- - - -	2,210.00	240.00	26.09	27
EM8F	Wild flowers for wetlands	- - - -	2,300.00	250.00	27.17	28
EM10F	Tussock wild flowers	- - - -	2,210.00	240.00	26.09	29
EP1F	Pond edge wild flowers	- - - -	2,850.00	310.00	36.70	35
EH1F	Hedgerow wild flowers	- - - -	2,210.00	240.00	26.09	36
EW1F	Woodland wild flowers	- - - -	2,850.00	310.00	36.70	37
100% Meadow grass mixtures						
EG1	Basic general purpose	1,620.00	180.00	22.00	12.00	21
EG4	Meadow grasses for clay soils	2,590.00	288.00	36.00	12.00	24
EG5	Meadow grasses for loamy soils	2,590.00	288.00	36.00	12.00	25
EG6	For chalk and limestone soils	3,080.00	342.00	44.00	12.00	26
EG7	Meadow grasses for sandy soils	2,920.00	324.00	38.00	12.00	27
EG8	Meadow grasses for wetlands	2,750.00	306.00	40.00	12.00	28
EG9	For hedgerow and woodland	2,920.00	324.00	40.00	12.00	36
EG10	Tussock grass mixture	2,590.00	288.00	36.00	12.00	29

TERMS and CONDITIONS

All seeds are offered subject to availability and being unsold at the time of ordering. The up to date availability, price and specification of our species and mixtures is as detailed on our website, unless otherwise stated. We guarantee that our seeds are of high viability and purity, true to type and of the correct weight when delivered. Seed found not to meet these standards may be returned in full, undamaged, within 30 days, for a replacement or refund. The performance of our seeds will be influenced by the storage conditions after despatch and the site conditions after sowing.



Green-winged Orchid, *Anacamptis morio* and Cowslip, *Primula veris*

Donald MacIntyre, Jane Lipington, Mischa MacIntyre, Marsha MacIntyre, Laurie MacIntyre, Myrica MacIntyre, Daniel Campbell, Marc Bullock, Albert Hughes, Carl Cockle, Mark Schofield, Marion Robinson, Karen Claxton, Sue Potter, Phil Brooker, Amanda Evenett, and Nicole Scott.