

# Arable Plants Survey Form



## How to complete this form:

- **Details of the location of the site are essential.** Eight-figure grid references (e.g. ST35466791) are most useful for the exact location of species records or a six-figure grid reference (e.g. ST354679) of the centre of the field. The owner should be assured that no information will be made public. Soil type can be recorded in broad categories e.g. chalky, heavy clay, sandy loam etc.
- **Number of years the site has been within an arable rotation.** If this is an estimate, please indicate with a 'c.' before the number (e.g. c.50).
- **The list of plants to be recorded includes 121 species** - ranging from those that are still locally frequent to those that are now extremely rare. To assess the botanical quality of an assemblage of species, the combined totals of each species score should be calculated, irrespective of the abundance of each individual species.
- **Record relative abundance on the DAFOR scale using one letter per present species:** D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare
- **It is useful to know something of the overall composition of the plant community.** The most abundant species should be recorded as well as any species that might be a problem to conservation management, for instance cleavers, upright brome or black-grass.
- **Any details of the site, which you feel are relevant, should be included in the comments section.** These could include descriptions of the field boundary, adjacent habitats of importance, management factors (e.g. game cover crops etc.).
- **A small sketch map is helpful.** This should show the position of the uncommon species within the field. There should be an indication of scale and a north point if possible.

Farm/Site Name:	Owner:	Tel:
Field Name/No.:	Grid Ref:	County:
Recorder name:	Recorder Tel:	Date:
Soil Type:	Past Cropping:	
Current Crop:	No. of yrs arable rotation:	
Type Cultivation (plough/min till):	Most abundant species in the field:	
Agri-environment Scheme details:		

Sketch Map + any other comments (other interesting species, problem species, management details etc.)

The information collected will be used for the identification of important sites for arable plants and for the improved targeting of agri-environment schemes. The information will be used by Plantlife.

No site should be visited without the owner's permission. Data gathered without permission cannot be used.

I declare that the landowner's permission was received before this information was sent to Plantlife:

..... (Recorders name/signature)

Email completed forms to [enquiries@plantlife.org.uk](mailto:enquiries@plantlife.org.uk) or Post to Plantlife, 2<sup>nd</sup> Floor Brewery House, 36 Milford Street, Salisbury, Wiltshire SP1 2AP

Species	Score	DAFOR / Present
Pheasant's-eye <i>Adonis annua</i>	8	
Corncockle <i>Agrostemma githago</i>	9	
Groundpine <i>Ajuga chamaepitys</i>	8	
Rough Mallow <i>Althaea hirsuta</i>	6	
Small Alison <i>Alyssum alyssoides</i>	6	
Blue Pimpernel <i>Anagallis arvensis</i> ssp. <i>foemina</i>	5	
Small Bugloss <i>Anchusa arvensis</i>	1	
Corn Chamomile <i>Anthemis arvensis</i>	8	

Species	Score	DAFOR / Present
Stinking Chamomile <i>Anthemis cotula</i>	7	
Annual Vernal-grass <i>Anthoxanthum aristatum</i>	6	
Bur-chervil <i>Anthriscus caucalis</i>	3	
Dense Silky-bent <i>Apera interrupta</i>	4	
Loose Silky-bent <i>Apera spica-venti</i>	6	
Slender Parsley-piert <i>Aphanes australis</i>	1	
Lamb's-succory <i>Arnoseris minima</i>	9	
Black Oat <i>Avena strigosa</i>	5	

Species	Score	DAFOR / Present
Black Mustard <i>Brassica nigra</i>	2	
Lesser Quaking-grass <i>Briza minor</i>	5	
Field Brome <i>Bromus arvensis</i>	6	
Interrupted Brome <i>Bromus interruptus</i>	6	
Rye Brome <i>Bromus secalinus</i>	7	
Greater Pignut <i>Bunium bulbocastanum</i>	6	
Thorow-wax <i>Bupleurum rotundifolium</i>	9	
False Flax <i>Camelina sativa</i>	5	
Small Bur-parsley <i>Caucalis platycarpus</i>	9	
Cornflower <i>Centaurea cyanus</i>	8	
Small Toadflax <i>Chaenorhinum minus</i>	1	
Fig-leaved Goosefoot <i>Chenopodium ficifolium</i>	2	
Maple-leaved Goosefoot <i>Chenopodium hybridum</i>	3	
Nettle-leaved Goosefoot <i>Chenopodium murale</i>	7	
Many-seeded Goosefoot <i>Chenopodium polyspermum</i>	2	
Upright Goosefoot <i>Chenopodium urbicum</i>	9	
Flixweed or Tansy Mustard <i>Descurainia sophia</i>	3	
Purple Viper's-bugloss <i>Echium plantagineum</i>	6	
Common Stork's-bill <i>Erodium cicutarium</i>	1	
Musk Stork's-bill <i>Erodium moschatum</i>	3	
Treacle Mustard <i>Erysimum cheiranthoides</i>	2	
Dwarf Spurge <i>Euphorbia exigua</i>	6	
Broad-leaved Spurge <i>Euphorbia platyphyllos</i>	3	
Narrow-leaved Cudweed <i>Filago gallica</i>	9	
Red-tipped Dead-nettle <i>Filago lutescens</i>	8	
Broad-leaved Cudweed <i>Filago pyramidata</i>	8	
Common Cudweed <i>Filago vulgaris</i>	6	

Species	Score	DAFOR / Present
Tall Ramping-fumitory <i>Fumaria bastardii</i>	2	
White Ramping-fumitory <i>Fumaria capreolata</i>	3	
Dense-flowered Fumitory <i>Fumaria densiflora</i>	3	
Common Ramping-fumitory <i>Fumaria muralis</i> ssp. <i>neglecta</i>	7	
Western Ramping-fumitory <i>Fumaria occidentalis</i>	5	
Fine-leaved Fumitory <i>Fumaria parviflora</i>	7	
Purple Ramping-fumitory <i>Fumaria purpurea</i>	4	
Martin's Ramping-fumitory <i>Fumaria reuteri</i>	6	
Few-flowered Fumitory <i>Fumaria vaillantii</i>	7	
Red Hemp-nettle <i>Galeopsis angustifolia</i>	9	
Downy Hemp-nettle <i>Galeopsis segetum</i>	9	
Large-flowered Hemp-nettle <i>Galeopsis speciosa</i>	7	
False Cleavers <i>Galium spurium</i>	6	
Corn Cleavers <i>Galium tricornutum</i>	9	
Nit-grass <i>Gastridium ventricosum</i>	5	
Long-stalked Crane's-bill <i>Geranium columbinum</i>	2	
Small-flowered Crane's-bill <i>Geranium pusillum</i>	2	
Corn Marigold <i>Glebionis segetum</i>	7	
Jagged Chickweed <i>Holosteum umbellatum</i>	6	
Henbane <i>Hyoscyamus niger</i>	7	
Smooth Cat's-ear <i>Hypochaeris glabra</i>	7	
Wild Candytuft <i>Iberis amara</i>	7	
Sharp-leaved Fluellen <i>Kickxia elatine</i>	2	
Round-leaved Fluellen <i>Kickxia spuria</i>	3	
Henbit Dead-nettle <i>Lamium amplexicaule</i>	1	
Northern Dead-nettle <i>Lamium confertum</i>	3	
Yellow Vetchling <i>Lathyrus aphaca</i>	7	

Species	Score	DAFOR / Present
Venus's-looking-glass <i>Legousia hybrida</i>	3	
Greater Venus's-looking-glass <i>Legousia speculum-veneris</i>	6	
Field Pepperwort <i>Lepidium campestre</i>	3	
Field Gromwell <i>Lithospermum arvense</i>	8	
Darnel <i>Lolium temulentum</i>	9	
Grass-poly <i>Lythrum hyssopifolium</i>	8	
Dwarf Mallow <i>Malva neglecta</i>	2	
Small Tree-mallow <i>Malva pseudolavatera</i>	6	
Field Cow-wheat <i>Melampyrum arvense</i>	6	
Corn Mint <i>Mentha arvensis</i>	1	
Annual Mercury <i>Mercurialis annua</i>	2	
Perfoliate Penny-cress <i>Microthlaspi perfoliatum</i>	7	
Weasel's-snout <i>Misopates orontium</i>	7	
Mousetail <i>Myosurus minimus</i>	7	
Cat-mint <i>Nepeta cataria</i>	7	
Common Broomrape <i>Orobanche minor</i>	2	
Prickly Poppy <i>Papaver argemone</i>	7	
Rough Poppy <i>Papaver hybridum</i>	3	
Yellow-juiced Poppy <i>Papaver lecoqii</i>	2	
Corn Parsley <i>Petroselinum segetum</i>	3	
Four-leaved Allseed <i>Polycarpon tetraphyllum</i>	5	
Northern Knotgrass <i>Polygonum boreale</i>	4	
Cornfield Knotgrass <i>Polygonum rurivagum</i>	3	
Corn Buttercup <i>Ranunculus arvensis</i>	9	
Rough-fruited Buttercup <i>Ranunculus muricatus</i>	6	
Small-flowered Buttercup <i>Ranunculus parviflorus</i>	3	
Hairy Buttercup <i>Ranunculus sardous</i>	3	

Species	Score	DAFOR / Present
Wild Radish <i>Raphanus raphanistrum</i>	1	
Greater Hay-rattle <i>Rhinanthus angustifolius</i>	7	
Shepherd's-needle <i>Scandix pecten-veneris</i>	9	
Annual Knawel <i>Scleranthus annuus</i>	8	
Field Madder <i>Sherardia arvensis</i>	1	
Small-flowered Catchfly <i>Silene gallica</i>	8	
Night-flowering Catchfly <i>Silene noctiflora</i>	7	
White Mustard <i>Sinapis alba</i>	2	
Corn Spurrey <i>Spergula arvensis</i>	7	
Field Woundwort <i>Stachys arvensis</i>	6	
Cut-leaved Germander <i>Teucrium botrys</i>	6	
Spreading Hedge-parsley <i>Torilis arvensis</i>	8	
Knotted Hedge-parsley <i>Torilis nodosa</i>	3	
Narrow-fruited Cornsalad <i>Valerianella dentata</i>	8	
Hairy-fruited Cornsalad <i>Valerianella eriocarpa</i>	6	
Broad-fruited Cornsalad <i>Valerianella rimosa</i>	8	
Green Field-speedwell <i>Veronica agrestis</i>	1	
Grey Field-speedwell <i>Veronica polita</i>	2	
Breckland Speedwell <i>Veronica praecox</i>	6	
Fingered Speedwell <i>Veronica triphyllos</i>	8	
Spring Speedwell <i>Veronica verna</i>	8	
Slender Tare <i>Vicia parviflora</i>	7	
Smooth Tare <i>Vicia tetrasperma</i>	2	
Wild Pansy <i>Viola tricolor</i> ssp. <i>tricolor</i>	6	
<b>Assemblage Score</b> (sum of all species scores)		