

# MeadowSow™

## Low Grow

### Product Specification

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#### Product Code:

MeadowSow Seed - Low Grow

#### Manufacturer:

Wildflower Co.

#### Manufacturer Contact Details

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# Technical Specification

<b>Product code</b>	MeadowSow Seed - Low Grow
<b>Manufacturer</b>	Wildflower Co.
<b>Recommended sowing rate</b>	3g/m <sup>2</sup>
<b>Coverage</b>	1kg provides approx 400m <sup>2</sup> coverage, at a recommended sow rate of 3g/m <sup>2</sup>
<b>No. of species</b>	28 species (22 wildflowers, 6 non-invasive grasses) <a href="#">Access full species list here.</a>
<b>Grass:flora sowing ratio</b>	60% wildflowers*, 40% grasses
<b>Flowering period</b>	April - October
<b>Established height</b>	20-80cm (Avg height 50cm)
<b>Time to fully establish</b>	3-5 years
<b>Soil type</b>	Suitable for a wide range of soil types
<b>Seed provenance and testing</b>	Grown in England using UK native species. Seed analysis results available on request.
<b>Recyclability</b>	100%, including packaging.
<b>BNG suitability</b>	Possibly suitable for Other Neutral Grassland
<b>Seed mix</b>	Calibrated using seed weight analysis

## About the seed

All wildflower seed is grown and harvested in Hampshire, UK (where this is not possible, trusted UK sourced seed is used, which we test to meet our exacting standards). In 2024, a remarkable 97% of the seed was grown and harvested at our main nursery in Hampshire.

This commitment to local sourcing offers several key advantages:

- **UK Provenance:** Our seed boasts UK provenance, ensuring optimal adaptation to native conditions.
- **Elite Seed Quality:** Stringent harvesting and storage protocols, combined with rigorous quality testing, result in elite seed with exceptional viability and germination rates. This also ensures the seed does not contain any contaminants.
- **Traceability:** We maintain complete traceability of our seed, providing transparency and confidence in its origin and quality.
- **The Seed Mix:** Seed weight, size and germination undergoes lab analysis for optimum inclusion rates. Omitting this process affects species diversity.

\* Actual % may vary, based on environmental factors and seed availability. You may not see every species listed as the product is designed to adapt to individual settings, including a wide range of soil types and environmental conditions. Many species may not flower within the first year.

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# Species List

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All seed grown by Wildflower Co. is tested to stringent standards for germination and purity.

Seed analysis results are available on request.

Species	Flowering Time	Ultimate Height	Colour	Life Cycle
<b>Wildflower Species</b>				
<b>Agrimony, Common (<i>Agrimonia eupatoria</i>)</b>	June - Sept	80	Yellow	P
<b>Bedstraw, Hedge (<i>Galium album</i>)</b>	June - Sept	100	White	P
<b>Bedstraw, Lady's (<i>Galium verum</i>)</b>	June - Sept	50	Yellow	P
<b>Burnet, Salad (<i>Sanguisorba minor</i>)</b>	June - Aug	50	Red	P
<b>Buttercup, Meadow (<i>Ranunculus acris</i>)</b>	May - Aug	90	Yellow	P
<b>Catchfly, Nodding (<i>Silene pendula</i>)</b>	June - Sept	50	Pink	A
<b>Cats Ear (<i>Hypochaeris radicata</i>)</b>	June - Sept	60	Yellow	P
<b>Chamomile, Roman (<i>Chamaemelum nobile</i>)</b>	June - Aug	30	White	P
<b>Clover, Strawberry (<i>Trifolium fragiferum</i>)</b>	May - Sept	50	Pink	P
<b>Clover, Suckling (<i>Trifolium dubium</i>)</b>	June - Aug	30	Pink	P
<b>Clover, Red (<i>Trifolium pratense</i>)</b>	May - Oct	40	Yellow	A
<b>Daisy, Lawn (<i>Bellis perennis</i>)</b>	Mar - Oct	20	White	P
<b>Forget-me-not, Field (<i>Myosotis arvensis</i>)</b>	Apr - Sept	50	Blue	SLP
<b>Fox &amp; Cubs (<i>Pilosella aurantiaca</i>)</b>	June - Sept	40	Orange	P
<b>Marjoram, Wild (<i>Origanum vulgare</i>)</b>	June - Aug	80	Pink	P
<b>Medick, Black (<i>Medicago lupulina</i>)</b>	Apr - July	60	Yellow	P
<b>Plantain, Ribwort (<i>Plantago lanceolata</i>)</b>	May - Aug	40	White	P
<b>Plantain, Hoary (<i>Plantago media</i>)</b>	Apr - Oct	60	White	P
<b>Self Heal (<i>Prunella vulgaris</i>)</b>	May - Sept	50	Purple	P
<b>Thyme, Common (<i>Thymus vulgaris</i>)</b>	June - July	30	Blue	P
<b>Vetch, Kidney (<i>Anthyllis vulneraria</i>)</b>	June - Sept	60	Yellow	P
<b>Yellow Rattle (<i>Rhinanthus minor</i>)</b>	May - July	50	Yellow	A
<b>Grasses</b>				
<b>Crested Dogstail (<i>Cynosurus cristatus</i>)</b>	June - Aug	75	Pink	SLP
<b>Fescue, Sheep's (<i>Festuca ovina</i>)</b>	May - June	30	Pink	P
<b>Annual Meadow Grass (<i>Poa annua</i>)</b>	Year-round	30	Green	A
<b>Quaking Grass (<i>Briza media</i>)</b>	June - Aug	50	Brown	SLP
<b>Smaller Cat's Tail (<i>Phleum bertolonii</i>)</b>	June - Aug	60	Brown	P
<b>Sweet Vernal Grass (<i>Anthoxanthum odoratum</i>)</b>	May - June	70	Yellow	SLP

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# Preparation and installation

**For a project to thrive, correct installation and management plans must be planned for from the offset.**

## ● Sowing time

Typically, autumn sowing mirrors nature more accurately and gives more reliable establishment results. Spring sown crops can be slow to grow following a cold spring and will be at higher competition with weeds. However a warm spring with moderate rainfall can produce similar success as an autumn install. Some perennial species may not flower in the first year from spring sowing.

## ● Soil preparation

Existing vegetation should be killed or removed. Dig over or rotovate the soil to at least 100mm deep and rake over to create a reasonably fine seed bed. Remove large stones, roots or clods of earth as it is important to remove risk of weed seeds growing that may be hidden beneath. Allow for a green flush of growth following rotovation then kill off, repetition of this process as required.

## ● Soil conditions and fertility

Ensure soil is not waterlogged or compacted prior to sowing wildflower seed. The soil does not need to be fertilised before or after sowing the seed. However, where soil is fertile, particular attention must be paid to the maintenance regime – [see maintenance section](#).

## ● Sowing the seed

The MeadowSow™ seed needs to be installed on a minimum of 100mm (4 inches) of growing medium or top soil, the deeper the soil depth the greater capability of moisture retention and less irrigation required. There is usually no need to import top soil unless the levels on site are not sufficient or there is just sub-soil. In this case, a thin layer of 25-50mm (minimum) of low fertility top soil is recommended. Avoid compaction of subsoil layer. Please refer to Wildflower Co. if unsure. Drill or broadcast the seed manually or by mechanical means where available. When broadcasting, it can be advantageous to mix 50% seed with 50% dry sand, which both bulks up the volumes, and enables one to easily see where seed has been spread. Lightly roll the soil to ensure good seed to soil contact.

## ● Watering

Once installed, water the area thoroughly, for the first couple of weeks (weather dependent), until seeds have germinated and seedlings begin to emerge. This typically takes 2 – 4 weeks. Water the area regularly to ensure it remains consistently moist but not overwatered which can impact germination and establishment. Once established the wildflowers can be fairly drought tolerant and shouldn't need watering again.

## ● BNG considerations

To ensure condition assessment criteria are met, ensure cover of bare ground is between 1-5% and weed species such as bracken, bramble, thistle, dock, nettle, creeping buttercup, greater plantain, white clover and cow parsley are completely removed prior to installation. A post installation management plan must also be in place to ensure longevity of the habitat - [see maintenance plan](#).

# Maintenance

## Management plan for long term success

### Fertiliser

No fertiliser is needed as this will encourage grasses and other potential weeds to dominate the area. If thought that fertiliser may be required for a specific site please contact Wildflower Co. for advice.

### Year 1 & 2 Maintenance

During the first year following installation, spring only, the growth must be kept down to 20cm by a series of short maintenance cuts throughout the early flowering season, typically April to June. This will aid control of spring weeds. Do not cut below 20cm as this will impact the development of low growing species. Use of a mower and collector is the most effective for these cuts. It is critical that all cuttings are removed from the site at each maintenance cut to ensure fertility is not increased. For summer or autumn sowing, the area can be left to grow naturally in the first spring and throughout the flowering season. At the end of the flowering season, prior to the winter period, the area should be cut as detailed below.

In year 2 allow the meadow to grow naturally throughout the flowering period until the end of the season, do one final cut and remove in late September to early October to prepare for winter by cutting the meadow down to 2-3 inches (50-75mm) off the ground and remove all cuttings. Best practice for this is to reduce the bulk of the plant volume down through use of reciprocating blade, i.e. hedge trimmer, then go over with a mower and collector on maximum height. Make sure the tools are sharp. No cuttings should be left following the cut as this will increase the fertility in the area which encourages grasses and more dominant species to thrive. It is also important to remove all leaf litter that falls onto the area.

### Annual Maintenance

Unlike a traditional meadow, this is a species rich lawn which should be maintained with regular mowing. The maintenance regime for this is very simple, a cut and collect every 2-3 weeks. The cutting length is largely a matter of preference, you can go as short as you like or leave it longer for more prominent flowers. Remember, the longer you leave it uncut the more opportunity the wildflowers will have to emerge. However, to maintain it as a lawn, it must be cut at a minimum of every 4 weeks.

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