

# Meadowscape Pro™

## Species Rich

### Product Specification

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#### Product Code:

MDSCSR

#### Manufacturer:

Wildflower Co.

#### Manufacturer Contact Details

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# Technical Specification

<b>Product code</b>	MDSCSR
<b>Manufacturer</b>	Wildflower Co.
<b>Dimensions</b>	Delivered in 1m <sup>3</sup> bulk bags or 2m <sup>3</sup> bulk bags equating to 40m <sup>2</sup> or 80m <sup>2</sup>
<b>Weight</b>	400kg for a 1m <sup>3</sup> bulk bag and 800kg for a 2m <sup>3</sup> bulk bag
<b>No. of species</b>	25 species 6 non-invasive grasses (UK provenance wildflowers) <a href="#">Access full species list here.</a>
<b>Grass:flora sowing ratio</b>	20% UK native wildflowers*, 80% grasses
<b>Flowering period</b>	March - October
<b>Established height</b>	30-150cm (Avg height 60cm if left uncut). It is recommended that this product is cut regularly as per a monoculture lawn.
<b>Time to establish</b>	3-12 months (at least 1 year for plants that need vernalisation period)
<b>Soil type</b>	Suitable for all 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>	Not suitable for BNG
<b>Substrate features</b>	Contains Hydropor™ for greater moisture retention
<b>Seed mix</b>	Calibrated using seed weight analysis

## Scientifically Engineered: About this pre-seeded growing medium

This revolutionary substrate isn't your average soil. It's been scientifically engineered and rigorously tested to be the perfect incubator for the wildflower seeds. Compared to traditional methods, this translates to a dramatically improved germination process.

Our unique, 100% natural and peat-free formula slashes the full establishment time from years for traditional seeding, to just 3-12 months, depending on sowing season.

Our seed mixes are already integrated. They are meticulously formulated based on scientific analysis. 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.

# Species List

## Meadscape Pro™ Species Rich

Product code: MDSCSR

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>				
Birdsfoot Trefoil ( <i>Lotus corniculatus</i> )	May - Sept	30	Yellow	P
Black Medic ( <i>Medicago lupulina</i> )	Apr - July	60	Yellow	P
Cats Ear ( <i>Hypochaeris radicata</i> )	June - Sept	45	Yellow	P
Common Knapweed ( <i>Centaurea nigra</i> )	June - Sept	100	Purple	P
Common Sorrel ( <i>Rumex acetosa</i> )	June - Aug	80	Red	P
Cowslip ( <i>Primula veris</i> )	Apr - June	25	Yellow	P
Hedge Bedstraw ( <i>Galium album</i> ) (prev. <i>mollugo</i> )	June - Sept	100	White	P
Lady's Bedstraw ( <i>Galium verum</i> )	June - Sept	50	Yellow	P
Lawn Daisy ( <i>Bellis perennis</i> )	Mar - Oct	20	White	P
Meadow Buttercup ( <i>Ranunculus acris</i> )	May - Aug	90	Yellow	P
Meadow Vetchling ( <i>Lathyrus pratensis</i> )	May - Aug	120	Yellow	P
Pignut ( <i>Conopodium majus</i> )	May - June	50	White	P
Salad Burnet ( <i>Sanguisorba minor</i> )	June - Aug	65	Red	P
Self Heal ( <i>Prunella vulgaris</i> )	May - Sept	30	Purple	P
Suckling Clover ( <i>Trifolium dubium</i> )	May - Oct	40	Yellow	A
White Clover ( <i>Trifolium repens</i> )	June - Aug	45	White	P
Wild Marjoram ( <i>Origanum vulgare</i> )	June - Aug	100	Purple	P
Wild Red Clover ( <i>Trifolium pratense</i> )	May - Sept	50	Pink	P
Yarrow ( <i>Achillea millefolium</i> )	June - Aug	90	White	P
<b>Grasses</b>				
Chewing's Fescue ( <i>Festuca rubra commutata</i> )	May - July	30	Brown	P
Dwarf Rye-grass ( <i>Lolium perenne</i> )	June - Aug	60	Green	SLP
Sheep's Fescue ( <i>Festuca ovina</i> )	May - June	30	Green	P
Slender Creeping Red Fescue ( <i>Festuca rubra litoralis</i> )	June - July	50	Brown	P
Small Cats Tail ( <i>Phleum bertolonii</i> )	June - Aug	60	Yellow	P
Sweet Vernal ( <i>Anthoxanum odoratum</i> )	May - June	70	Brown	SLP

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# Preparation and installation

## Meadowscape Pro™

### Soil preparation

Do NOT rotovate, dig or disturb the soil. The existing vegetation should be killed or removed. If spraying off the area, this should be conducted according to the chemical manufacturer's instructions a minimum of 2 weeks before installation of the Meadowscape Pro™. If there is a residue of more than a light covering of dead surface vegetation after two weeks then this needs to be cut and removed. This is necessary otherwise Meadowscape Pro™ will be suspended on the dead thatch above the soil surface, preventing good seed germination and successful seedling growth. Meadowscape Pro™ can also be laid on sterile imported soil, but if so the soil needs to be levelled for a smooth finish and for ease of laying product.

### Soil conditions and fertility

Ensure soil is not waterlogged or compacted prior to installing Meadowscape Pro™. The soil does not need to be fertilised before or after the installation. We would advise not stripping back the top soil to reduce soil fertility before using Meadowscape Pro™ as it needs some level of fertility to get well-established initially and is an unnecessary ground preparation step. However, where soil is fertile, particular attention must be paid to the maintenance regime – see maintenance section.

### Laying Meadowscape Pro™

When laying Meadowscape Pro™, care should be taken to ensure a uniform depth of 20 – 25mm is laid. Do not over or under apply the material. Over application results in an imbalance of seed and nutrient ratios for a given area creating too much competition between the plants. Under applying will create a thin layer of seeded material creating sparser and poorer germination results whilst also limiting Meadowscape Pro™'s ability to suppress weed seeds in the surface of the soil beneath.

### Watering

Once laid, water the area thoroughly, for the first few weeks until a seedling sward starts to appear– this could take up to 4-6 weeks (weather dependent). There is no need to soak the soil before laying but it is important to check that the initial watering soaks through the entire dressing of growing medium and ideally into the soil beneath. Do this by scratching the growing medium during watering to assess sufficient water uptake.

Once the Meadowscape Pro™ is wet through, stop watering – excessive watering will lead to run off and erosion of the material. Do not allow the profile of the Meadowscape Pro™ to dry out while the seeds establish, it need to be damp – this is very important. Depending on the time of year, seedlings will emerge in the first few weeks and these plants will develop rapidly as a result of the perfect growing conditions the Meadowscape Pro™ provides.

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# Maintenance

## Management plan for long term success

### 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.

### Fertiliser

No fertiliser is needed, although in some circumstances, for example where the wildflower installation is on very low fertility soil such as sand or gravel, the addition of a light dose of fertiliser in the spring may improve plant development.

Please contact Wildflower Co. for guidance.

### Timing the cut

The annual maintenance cut should be done in late September, early October. There is no need for a set date, but this timing will allow the plants in the meadow to regenerate before the first frost typically in November. You can choose to cut only half of the meadow area at one time to allow time for fauna to migrate to the uncut meadow. Allow some regrowth of the cut area before cutting the second half, but aim to have finished all cutting by the end of the first week of October. Over time alternate the areas that are cut early and the areas that are left as this will benefit species diversity.

### Managing the fertility in the ground

On fertile sites or where you might have species dominance or too vigorous early growth, a second cut at the end of May, beginning of June can be introduced. This high cut, approximately 8 to 10 inches off the ground (200mm to 250mm) to remove the flower heads but leaving enough plant stems and leaf area to regenerate, and removal of all cuttings, will help to knock back some species dominance, reduce soil fertility and open up the sward to more light and air circulation to promote diversity of lower growing species. Once the cutting has been completed and all cuttings removed, give the area a good soaking with water.