

LW8 Woodland & Heavy Shade

80/20 Wildflower Meadow



LW8 contains twenty four native British wildflowers and grasses typically found in woodland and areas of heavy shade.

Consisting of 80% grass and 20% wildflowers, LW8 creates a permanent meadow with flowers from May to October. Suitable for creating habitats in woodland clearings or areas that are in shade for prolonged periods.

LW8 supports bees, butterflies and other pollinators as 81% of the wildflowers included in this mixture are recommended by the Royal Horticultural Society (RHS) as 'Perfect for Pollinators'.



Mixture Contents:

	Common Name	Latin Name	Quantity	Flowers	Height	Type
1	Agrimony, Common	Agrimonia eupatoria	1.8%	Jun - Sep	50 - 150cm	Perennial
2	Angelica, Wild	Angelica sylvestris	0.6%	Jul - Aug	100 - 200cm	Perennial
3	Avens, Wood	Geum urbanum	1%	Jun - Sep	30 - 60cm	Perennial
4	Bedstraw, Hedge	Galium mollugo	1.8%	Jun - Oct	10 - 50cm	Perennial
5	Bellflower, Nettle-leaved	Campanula trachelium	0.2%	Jul - Sep	60 - 100cm	Perennial
6	Betony	Stachys officinalis	1%	Jul - Sep	25 - 50cm	Perennial
7	Bluebell	Hyacinthoides non-scripta	0.6%	Apr - Jun	25 - 50cm	Biennial
8	Buttercup, Meadow	Ranunculus acris	1%	May - Jun	30 - 100cm	Perennial
9	Campion, Red	Silene dioica	1%	Apr - Sep	60 - 90cm	Perennial
10	Clary, Wild	Salvia verbenaca	0.8%	May - Aug	30 - 40cm	Perennial
11	Columbine	Aquilegia vulgaris	0.2%	Jun - Aug	80 - 120cm	Perennial
12	Foxglove, Wild	Digitalis purpurea	0.6%	Jun - Aug	50 - 100cm	Biennial
13	Hedge Parsley, Upright	Torilis japonica	1.2%	Jul - Aug	30 - 80cm	Annual
14	Meadowsweet	Filipendula ulmaria	1%	Jun - Aug	80 - 200cm	Perennial
15	Mustard, Garlic	Alliaria petiolata	1.6%	Apr - Jul	40 - 90cm	Biennial
16	Ragged Robin	Lychnis flos-cuculi	0.8%	May - Aug	30 - 90cm	Perennial
17	Sage, Wood	Teucrium scorodonia	0.4%	Jun - Oct	25 - 50cm	Perennial
18	St John's-wort, Hairy	Hypericum hirsutum	0.4%	Jul - Aug	60 - 100cm	Perennial
19	Teasel	Dipsacus fullonum	1%	Jul - Aug	100 - 200cm	Biennial
20	Vetch, Bush	Vicia sepium	0.4%	May - Jul	40 - 50cm	Perennial
21	Vetch, Tufted	Vicia cracca	0.4%	Jun - Sep	100 - 150cm	Perennial
22	Wild Garlic / Ramsons	Allium ursinum	0.2%	Apr - Jun	30 - 50cm	Perennial
23	Woundwort, Hedge	Stachys sylvatica	1.4%	Jun - Sep	50 - 100cm	Perennial
24	Yarrow	Achillea millefolium	0.6%	Jun - Oct	20 - 100cm	Perennial
	Bent, Common	Agrostis castellana	4%		50 - 100cm	Grass
	Fescue, Chewings	Festuca rubra, commutata	21.6%		30 - 70cm	Grass
	Fescue, Slender Creeping Red	Festuca rubra, litoralis	32%		10 - 20cm	Grass
	Meadow Grass, Wood	Poa nemoralis	8%		10 - 30cm	Grass
	Sweet Vernal-grass	Anthoxanthum odoratum	2.4%		30 - 60cm	Grass
	Tufted Hair-grass	Deschampsia cespitosa	12%		30 - 120cm	Grass

Contains:



Wildflower seed in Landlife Wildflowers mixtures is of UK native origin.

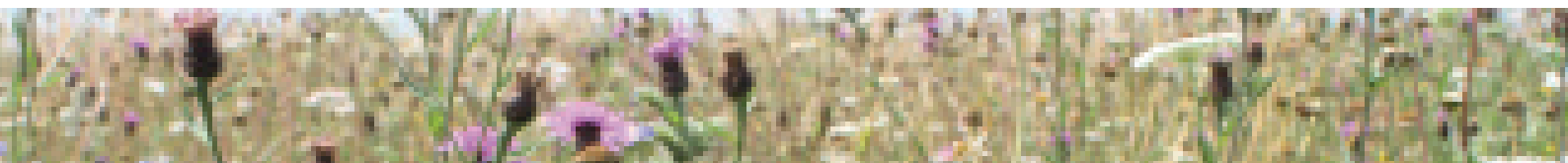
The definition of UK native seed provided by Natural England is: *British native-origin seed refers to seed originally collected from wild populations in Great Britain (from sites with no known history of sowing of amenity or agricultural varieties) and either sown directly, or grown on as a field crop to provide further seed. It includes seed collected in 'green hay'. It excludes certified amenity or agricultural varieties of native species.*

Landlife Wildflowers UK native wildflower seed is sourced in two ways:

- 1) Seed collections from the wild which are field sown or sown in modules before being field planted as spaced plants. These are then harvested and cleaned to increase seed germination, vigour and purity.
- 2) Meadow collections are taken with owner permission or under license if the meadow is within a registered area. These seeds are then processed to remove excessive admixture and graded so they can be used in measurable amounts in prescribed mixtures.

Contents of wildflower mixtures will vary according to seed and species availability

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Prepare the Ground

LW8 Woodland & Heavy Shade Wildflower Meadow seed mixture performs best in low nutrient soils, which haven't been heavily fertilised in the past. For best results sow into bare soil after clearing all existing plants and weeds from the area.

Cultivate the ground to a depth of 10cm to relieve compaction and create a fine level tilth, free from obstructions (to allow for mowing at a later stage). Finish the seedbed by treading or lightly rolling the area, so that it is firm enough to stand on without leaving indentations.

Where weeds have been prevalent, allow a flush of weeds to germinate and remove these before sowing. In areas of high fertility, it may be necessary to remove the topsoil and sow into the subsoil. High nutrient soils encourage weeds and fast growing grasses which may outcompete the wildflowers in this mixture.

For overseeding into existing grassland, use a pure wildflower seed mixture such as LW8 or LWRE.

Sowing

LW8 should be sown between March and November. Spring and autumn provide ideal conditions as moisture and warmth are in good supply.

Distribute seed with a handheld or pedestrian spreader, at the recommended sowing rate of 5g/sqm. Mix the wildflower seeds with an inert carrier (such as sharp sand), at a ratio of four parts sand to one part seed (by weight). This makes it easier to achieve an even distribution and also provides a visual marker, making it easier to see any missed patches and avoid seeding areas twice.

Regularly mix the seed when sowing, as seeds will naturally separate due to variations in size and weight.

Once sown, ensure good 'seed to soil' contact by lightly raking to a depth of 0.5cm or rolling the area.

It is also possible to broadcast, drill or hydroseed this mixture for larger or hard to reach areas. However, broadcast spreading throws heavier seeds further so this may impact the distribution and when drilling, the seed must not be buried deeper than 0.7cm.

Sowing Rate

The sowing rate of 5g/sqm is designed to produce optimum results. Reducing the sowing rate is likely to result in invasion from weed species. Increasing the sowing rate generally leads to reduced diversity as the more aggressive species will outcompete slower growing plants.

Maintenance First Year

LW8 contains many perennial species, which can be slow to establish and are unlikely to flower in the first year. Therefore it is important to control weed and grass growth in year one.

During the first year remove any weeds which grow before they run to seed, either by topping, mowing or by hand for smaller areas. Weed growth is common due to the action of disturbing the ground (rather than being caused by contaminated seed mixtures).

The nurse grasses are the first to grow and require topping or mowing in March and again in May. Remove all clippings to ensure the grass canopy doesn't interfere with the germination and spring growth of the wildflowers.

In September / October cut the area to 10cm using a scythe, strimmer or mower, leaving the cuttings for up to a week before removing. This allows them to dry and shed seeds back into the soil. Mow or graze the re-growth through autumn / winter and again in early spring if needed.

Second Year

After twelve months the sward should be well established. Simply follow the same cutting pattern (in March and September/October). Avoid cutting from mid spring to summer to ensure best flowering results.

As an ongoing process, monitor and remove any weeds which invade the area.

Over time, some species within the mixture may become more dominant due to environmental factors and natural selection. To encourage diversity, simply reduce the number of dominant plants in order to restore the balance. In some areas with more dominant grasses, it may be necessary to overseed occasionally with a pure wildflower mixture such as LW8 or LWRE to ensure the wildflowers remain competitive.



As members of Flora Locale, Landlife Wildflowers follows a strict code of practice to ensure wildflower seed is of UK native origin and is harvested and grown responsibly to aid conservation and help protect native UK wild plants.



In LW8 81% of the wildflower species included are recognised by the Royal Horticultural Society as supporting many of the 1500 species of pollinating insects across the UK.

For information on this or any other mixtures in the Landlife
Wildflowers range, contact us on 01205 281 902
or email info@wildflower.co.uk