

# BAUDER FLORA 7 SEED MIX

## Chalk Grassland

The Bauder Flora 7 Seed Mix is a particular blend of plant species that are adapted to the free draining base rich soils typical of lowland chalk and limestone grassland plant communities. The mix aims to create priority calcareous grassland community at roof level whilst also delivering maximum biodiversity enhancements for BREEM.

The seed mix contains a high diversity of wildflowers chosen to provide; a nectar and pollen rich habitat for priority pollinators, larval food plants for butterflies and a foraging habitat for birds.



## Mix Details:

- UK Native British Provenance Seed Mix (certification on request)
- \* 32 species including:
  - 28 wildflower species
  - 4 sedge and grasses
- 22 wildflowers classed as RHS Perfect for Pollinators
- 11 butterfly and moth larval food plants
- Mix percentages; 85% perennial wildflowers, 15% grasses



## Key Specification Features

- Species mix is typical of those found on unimproved chalk grassland
- Includes drought tolerant species, such as Salad Burnet, Wild Thyme and Horseshoe Vetch
- Lengthy flowering season – April to October
- Varied heights of flowers to give structured habitat
- Designed to blend into chalk grassland environment

## Ecological Value

Bauder Flora 7 is a specialist mix of wildflower species selected to deliver a nectar rich habitat for priority species associated with calcareous grasslands. Plants with long flower tubes, such as Red Clover and Kidney Vetch species, provide valuable nectar sources for long-tongued priority bumblebee species associated with calcareous grasslands, including the Large Garden Bumblebee.

Larval food plants for priority butterfly species within the mix include Horseshoe Vetch for the Chalkhill Blue and Adonis Blue butterflies and Sheep's Fescue for the Silver-spotted Skipper. The vegetation structure of wildflowers and grasses will provide cover for other invertebrates associated with calcareous grasslands and a foraging environment for bird species that use biodiverse green roofs.

Plant species that are indicators of base rich grasslands are included in the mix e.g. Salad Burnet, Dropwort, Wild Clary and Carline Thistle.



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## Establishment and Growth

Typically, Bauder Flora 7 Seed Mix delivers a long flowering period from April to October and a mixture of drought tolerant perennials (85%) and grasses (15%) provide a variety of heights to deliver structure for wildlife on the roof. The composition of the mix means that establishment will be slower than on well developed soils, but less management will be needed from a longer term perspective and cover and colour will be established in later years.

The seed should be sown on Bauder (FLL Compliant) Biodiverse substrate of varying depths mounded from a minimum depth of 100mm to 150mm. The seed source is British Provenance and suppliers are signatories to the Flora Locale Code of Practice for growers and suppliers.

Green roofs are exposed environments, subject to wind erosion, but the perennials will help to stabilise the substrate and prevent wind erosion once established. A small percentage (typically < 15%) of the mix contains nonaggressive grass and sedge species, which will also help to establish and stabilise the substrate. The sedum species and low growing perennials have also been specified as they are drought tolerant.



(Flora locale is an independent charity. Promoting and advancing the conservation and enhancement of native wild plant populations)

## Bauder's Unique Additive Mix

To maximise the germination and establishment of the seed, Bauder has developed a unique blend of seed, adhesive, organic nutrients and mycorrhizal fungi.

- A small quantity of organic slow release fertiliser gives the seed a gentle boost as it establishes.
- The adhesive binds the seed to the substrate preventing it from being blown away in windy conditions or being washed deep into the substrate and failing to germinate.
- Mycorrhizal fungi increases the root surface area helping the transfer of water and nutrients from the substrate to the developing root system of the plant, enabling the plants to establish quickly.

The seed mix and additives are combined with a bulking agent, which enable the correct sowing rate to be achieved.



## BAUDER

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## Specification Support



**Specification downloads:**  
[www.bauder.co.uk/technical-centre](http://www.bauder.co.uk/technical-centre)



**Telephone helpline:**  
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