

# BAUDER FLORA 11 SEED MIX

## Scottish

The Bauder Flora 11 Seed Mix has been developed to meet the specific requirements of the rooftop conditions in Scotland. It also delivers maximum BREEAM credits and biodiversity enhancements for wildlife, including various species featured on the Scottish Biodiversity List.

The seed mix contains a high diversity of specially selected wildflowers typical to the habitats in Scotland, which provide a nectar and pollen rich habitat for pollinators and larval food plants for butterflies.



## Mix Details:

- Scottish Provenance Seed Mix.
- 33 species including:
  - 26 Scottish native wildflower species
  - 3 annuals
  - 2 grasses
  - 2 native sedum species
- 29 wildflowers classed as RHS Perfect for Pollinators.
- 6 butterfly larval food plants (Scottish distribution only).
- Mix percentages; 75% perennial wildflowers, 15% annuals and 10% grasses.



## Key Specification Features

- Scottish Providence Seed.
- Delivers wildlife enhancements, including species on the Scottish Biodiversity List.
- Mix has a high number of Bumblebee food plants.
- Suitable for more challenging Scottish weather conditions.
- Lengthy flowering season – April to October.
- Varied heights of flowers to give structured planting.

## Ecological Value

The Bauder Scottish Seed Mix has a high diversity of wildflower species selected to deliver a long flowering period and rich nectar sources for priority species. Plant species are selected that are typical of the Scottish flora including Scottish Bluebell and Thrift found in coastal locations. Plants with long flower tubes, such as Kidney Vetch, also provide valuable nectar sources for native bumblebee species including the Buff-tailed Bumblebee.

The mix comprises the larval food plants such as Common Dog Violet and Common Rock-rose for priority butterfly species that are on the Scottish Biodiversity List, such as the Pearl-bordered Fritillary and the Northern Brown Argus. It also features Agrimonia Eupatoria, which is a food plant for the caterpillars of the moth Endotricha Flammealis. The vegetation structure of wildflowers and grasses give cover for other invertebrates and a foraging environment for bird species that use biodiverse green roofs. The seeds of Greater Knapweed, Wild Teasel and Common Toadflax also provide food sources for birds and overwintering sites for invertebrates.



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## Establishment and Growth

Typically, the Flora 11 Seed Mix delivers a long flowering period from April to October with Dog Violet flowering early and Knapweed and Scabious providing nectar at the end of the season. A mixture of annuals, biennials and grasses will give cover and colour in the first season allowing time for the slower growing perennials to establish in later years. The mix has been specified to include low growing robust species of exposed habitats. Plants have been chosen with a variety of heights to provide structure for wildlife on the roof.

Green roofs are exposed environments subject to wind erosion therefore the mix contains pioneer and ephemeral species such as annuals, biennials and short perennials, which establish quickly from seed and help to stabilise the substrate and prevent wind erosion prior to perennial root systems getting established. A small percentage (typically < 10%) of the mix contains non-aggressive grass species, which also help to establish and stabilise the substrate.

The seed source is Scottish Provenance and derivation to vice county level within Scotland can also be provided. Suppliers are signatories to the Flora Locale Code of Practice for growers and suppliers.



(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.

- 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.
- A small quantity of organic slow release fertiliser gives the seed a gentle boost as it establishes.
- 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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