

Biological control

Food for predatory mites and bugs

POWERfood 3.0 | TECHNICAL DATA SHEET

PRODUCT:

- Bag 5L with prey mite and carrier material.



PRODUCT DESCRIPTION

Prey mites for feeding predatory mites and predatory bugs directly on the plant. This technology developed by Agrobío facilitates the establishment and early installation of predatory organism of biological control in the crop.

POWERfood 3.0 food for mites like *A. swirskii* (**SWIRScontrol**), *T. montdorensis* (**MONcontrol**), or *A. andersoni* (**ANDERcontrol**), and predatory bugs as *O. laevigatus* (**ORIcontrol**), *N. tenuis* (**NESIDIOcontrol**) or *M. pygmaeus* (**MACROcontrol**).

ACTION MODE

- This feed is composed of a combination of live prey.
- POWERfood 3.0 boosts predator populations, helps to improve early establishment, increase and/or conserve them in stressful situations (absence of pests, unfavorable weather conditions, chemical treatments, etc.).
- In both pollen and pollen-free crops, the use of this product increases the effectiveness of biocontrol by predators by providing them with prey and food diversity, which gives them more nutrients and increases egg laying.

ADVANTAGES

- POWERfood 3.0 allows the early installation of predatory mites and bugs and their multiplication in the crop in the absence of pests and in crops without pollen.
- Several biological control organisms can be installed with a single product.
- Effective as a preventive strategy of biological control.
- Compatible with mechanized release.

DOSAGE

Depending on the crop and whether mechanized or manual release is used, the dosage to be used can vary between 10 and 50 litres/ha. Consult an Agrobío field advisor for a better adjustment of the dosage.

RECOMMENDED CROPS

The use of POWERfood 3.0 is recommended in seedbeds, ornamentals, berries, pollen-free crops... but it can be used in all types of crops where mites and bugs are released for pest control.

USE

Before opening the bag, set it horizontally and rotate it to mix the content.

It can be applied manually or mechanically. In manual application, it should be spread directly over the leaves in small piles.

In mechanized releases, a machine such as BIOSPREADER can be used.

In all cases, it is recommended to feed on the leaves in the middle part of the plant.



POWERfood 3.0 on a cucumber with a sachet of predatory mites

Consult with the Agrobío field advisor team the management protocol, the mechanized release methodology and its distribution according to the crop.

TRANSPORT AND STORAGE

Keep the bag vertically at a temperature between 15ºC (59ºF) and 18ºC (64.4ºF). Do not break the cold chain throughout the transport and storage process. Use the product as soon as possible after receipt. Do not expose to sunlight or pesticides.

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