

# Biological control
# *Amblyseius andersoni*

## ANDERcontrol | TECHNICAL DATA SHEET




**PRODUCT:**

- Tube: 50,000 individuals.
- Box: 500 sachets (250 ind./sachet).
- Bag: 125,000 individuals (5L).

**DESCRIPTION OF THE PRODUCT**

*Amblyseius andersoni* is a polyphagous phytoseid that develops on tetranychids (spider mites), especially *Panonychus ulmi*, eriophids, thrips larvae and pollen. It performs well in protected and outdoor crops and can be used for the control of spider mites or similar.

*Amblyseius andersoni* is a predatory mite distributed in Europe, Caucasus, North Africa, Japan, and America. In Spain, it is mainly distributed in the northern third of the peninsula. It is usually abundant in fruit trees during the summer, so it is considered a key species in integrated management programs in fruit growing areas.

**BIOLOGY**. *A. andersoni* completes its cycle from egg to adult in 7 or 8 days at 21 ºC (69.8ºC). It has a wide tolerable temperature range from 6ºC (42.8ºF) to 40ºC (104ºF). Under natural conditions it enters diapause in winter to become active again when temperatures rise steadily above 8ºC (46.4ºF) to 10ºC (50ºF), the opposite happens in the hot season, when it remains active, even with temperatures of 35ºC (95ºF) to 40ºC (104ºF).

**ACTION MODE**

- The mites insert their mouthparts into the prey and completely empty it.
- *Amblyseius andersoni* performs excellently in both protected and outdoor crops.
- It is a highly effective species for controlling red spider mites, both in preventive and curative applications.



Adults of *A. andersoni*

## ADVANTAGES

- Good behaviour for the control of red spider mite. Its development is faster than red spider mite and *Phytoseiulus persimilis*, and it is also polyphagous.
- It stands out for its great mobility and dispersal capacity in crops.
- It can be used for preventive and/or curative control.
- It tolerates extreme temperatures, between 6ºC (42.8ºF) and 40ºC (104ºF); ideal for use in greenhouses.
- Compatible and complementary with other predators and parasitoids.

## DOSE

Consult an Agrobío field advisor for the recommended dose.

Dosage can vary according to preventive dose, medium curative or high curative, depending on the crop and the level of infestation of the pest.

In preventive control it is recommended to feed *A. andersoni* with prey mites directly in the plant to favour the installation of predatory mites when there is not enough pest in the crop.

## RECOMMENDED CROPS

Several fruit crops, ornamentals, vegetables, vines, strawberry, raspberry, blueberry, and citrus crops.

## USE

Before opening the tube or bag, set it horizontally and rotate it to mix the content. Spread the mites over the leaves of the plants. If the product comes in sachets separate them carefully and hang them on the stems of the plants at medium height according to the recommended dose.

## PRESERVATION

Keep the product horizontally and at a temperature between 15ºC (59ºF) and 18 ºC (64.4ºF). Do not break the cold chain in all the transport and storage process. Do not store the product more than 48 hours after receipt, and never expose it to sunlight or pesticides. Do not store with bumblebee hives in areas without ventilation.

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