



# NESIDIO SHIELD

## WHAT IS A NESIDIO SHIELD?

Nesidio Shield (*Nesidiocoris tenuis*) is a beneficial mirid bug and highly active predator that feeds on key agricultural pests such as whiteflies, aphids, thrips, mites, and moth eggs. Known for its strong adaptability in both greenhouse and open-field conditions, it effectively suppresses pest populations naturally while reducing reliance on chemical pesticides. This makes *Nesidiocoris tenuis* an effective, sustainable, and eco-friendly solution for long-term pest management in modern agriculture.

### TARGETS



WHITEFLIES



MOTH EGGS



APHIDS



THRIPS



SPIDER MITES

# MODE OF ACTION

- Adult predatory bugs & nymphs search actively for their prey and suck it empty.
- Mainly preys on whitefly eggs and larvae.
- Consumes about 50 whitefly eggs & up to 30 moth eggs every day.
- Tolerates higher temperatures and has faster development time.
- The population of *Nesidiocoris Tenuis* will grow, even in the absence of prey.



## ORIENTATION

Keep containers upright to maintain larval viability.



## TEMPERATURE

Store *Nesidio Shield* briefly and horizontally at 8-10°C.



## USAGE WINDOW

Use immediately upon receipt.

## DOSE RATE

Mode	Dosage	Area	Repeat
Preventative	0,5-1 ind./m <sup>2</sup>	Full Field	2 releases 2 week interval
Curative	1-20 ind./m <sup>2</sup>	Hot spots	1 release <sup>(1)</sup>

<sup>(1)</sup> If necessary, a second introduction of 0.3-0.5 ind/m<sup>2</sup> can be done full field.

## APPLICATION

### • RELEASE MOMENT AND CONDITIONS

- Preventatively: Introduce *Nesidio Shield* 1.5-2 months after planting.
- Curatively: Introduce *Nesidio Shield* at first signs of spider mites.
- Introduce in whitefly hotspots or in locations where outbreaks are expected or detected in previous seasons.
- Optimum Temperature: 20°C/68°F and 25°C/77°F.
- Temperatures below 20°C/68°F will slow down the development rate & predatory activity of *Nesidiocoris*
- Reduce leaf pruning during population establishment period.

### • RELEASE METHOD

- Apply *Nesidio Shield* in release points (min. 8 release points/1.000m<sup>2</sup>)
- Sprinkle the bugs on horizontal leaves to avoid them falling on the floor.
- (Optional) Use boxes and pour 1cm thick layer of material in each box to allow easy movement of the bugs.

## PRODUCT SPECIFICATION

250ml bottle: 500 bugs

