PREDATORY MITE

Amblyseius andersoni

Product: *Amblyseius andersoni* is a small predatory mite measuring approximately 0.5 to 0.6 mm in length. Characterized by its pear-shaped body, this mite typically exhibits a beige to pale orange coloration and possesses eight legs. Its lifecycle consists of several stages: egg, larva, protonymph, deutonymph, and adult. The eggs are oval and transparent white, measuring about 0.14 mm in diameter. Under optimal conditions of 25°C, adult mites have a lifespan ranging from 20 to 30 days, making them effective agents for biological pest control.

Target*:* This predatory mite is particularly effective against a variety of agricultural pests, including spider mites (*Tetranychus urticae, Panonychus ulmi*), broad mites (*Polyphagotarsonemus latus*), rust mites, thrips (in their larval stage), and whitefly eggs. Its ability to target these pests makes it a valuable ally for growers looking to manage infestations in an environmentally friendly manner.

Amblyseius andersoni can be used across a broad spectrum of crops, including fruit trees, berries, vegetables, ornamentals, and greenhouse crops. Its adaptability to different environments and plant types enhances its utility in integrated pest management strategies.

This predatory mite thrives at temperatures ranging from 6°C to 40°C (43°F to 104°F) and remains active even in lower humidity levels, down to 65% relative humidity. Notably, Amblyseius andersoni can sustain itself by feeding on pollen when prey is scarce, further extending its effectiveness in pest control scenarios. Moreover, it is compatible with a wide range of crops, including those with glandular hairs, which often repel other beneficial insects.

Release: For preventive measures, a release rate of 2-3 mites per square meter every 2-4 weeks is recommended, can cover an area of 10-14 square meters. In cases of light infestations, 5-10 mites per square meter should be released, with a follow-up application after seven days if necessary. For heavy infestations, a release rate of 20-50 mites per square meter is advised, with weekly repetitions as needed to effectively manage pest populations. *Amblyseius andersoni* can be applied as a loose product that can be sprinkled directly onto leaves.

Notes:

To maintain viability, it is recommended to use *Amblyseius andersoni* within 18 hours of receipt. The mites should be stored at a temperature range of 10-15°C (50-59°F), ensuring they are not refrigerated or exposed to direct sunlight, as this could compromise their health and effectiveness.

Amblyseius andersoni is generally compatible with many other beneficial organisms, making it a versatile option for pest management. However, it is crucial to avoid contact with pesticides, and users should consult compatibility charts prior to combining *Amblyseius andersoni* with any chemical treatments to ensure optimal results.

Please let us know within 24 hours of receipt if there are any problems with your Live Insect Order.

Bug Out! CLICK HERE to Give Your Insect Friends A New Home.

For further Information Contact: **NATURAL INSECT CONTROL**, 3737 Netherby Road, Stevensville, Ontario, L0S 1S0
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For further Information on all NIC Beneficial Insects go to **www.naturalinsectcontrol.com**