Frozen *Ephestia kuehniella* Eggs

Supplemental insect food for biological control agents

Product:

Frozen *Ephestia kuehniella* (Mediterranean flour moth) eggs, provided as a high-quality nutritional supplement for beneficial insects used in integrated pest management (IPM) and mass rearing.

Target Use:

Supports the establishment, survival, and efficacy of generalist predators, especially when natural prey is scarce or during early crop establishment. Suitable for:

- *Orius spp*. (minute pirate bugs)
- *Chrysoperla spp*. (green lacewing larvae)
- *Dicyphus spp.*
- Other generalist predatory insects and mites

Application Guidelines:

- Method:
  - Apply directly to foliage, near areas where beneficial insects are active or have been released.
  - Distribute evenly across the crop to maximize accessibility.
  - Avoid applying in direct sunlight or immediately before overhead irrigation to reduce loss or spoilage.
- Rate:
  - General recommendation:
    - 1–2 egg tabs per 1,000 ft²
    - OR 0.1–0.5 g loose eggs per m²
  - Adjust based on the density and species of natural enemies being supported.
- Frequency:
  - Reapply weekly or as needed, especially following rainfall or irrigation events.

Storage & Handling:

- Storage:
  - Keep unused eggs frozen at –18°C (0°F) or colder to prevent hatching and maintain freshness.
- During Use:
  - Tabs (if provided) should be placed in shaded, protected locations to prevent spoilage and allow gradual feeding.
  - Loose eggs can be scattered directly but should be monitored and replenished regularly.

For further Information Contact: **NATURAL INSECT CONTROL**, 3737 Netherby Road, Stevensville, Ontario, L0S 1S0
905-382-2904 (Tel); 905-382-4418 (Fax); info@naturalinsectcontrol.com
For further Information on all NIC Beneficial Insects go to **www.naturalinsectcontrol.com**

Environmental Conditions:

- Suitable temperature range for use:
  15–30°C (59–86°F) — consistent with most greenhouse or crop environments.

Important Notes:

- Do not apply in areas with active ant populations, as ants may remove or consume the eggs before predators can access them.
- Avoid broad-spectrum insecticides shortly before or after application, as these may harm beneficial insects or reduce their feeding activity.
- For best results, combine use with floral resources or banker plants to support long-term establishment of natural enemies.
- Replace or replenish tabs/eggs on a weekly basis for continuous support.

Frozen *Ephestia* eggs are a practical and effective way to support beneficial insect populations in IPM programs, particularly when pest populations are low or as part of preventative strategies. Proper application and environmental management will enhance predator performance and contribute to long-term pest suppression.

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

Give a Bug a Hug Click here– They're More Adorable Than You Think!

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