

2024-1909
2024-06-05

Madex HP®

**Biological Insecticide
Live Organism
Suspension Concentrate**

For the control of Codling Moth (*Cydia pomonella*) and Oriental Fruit Moth (*Grapholita molesta*) in Pome Fruits (Crop Group 11-09) and Stone Fruits (Crop Group 12-09).

COMMERCIAL

**READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN**

ACTIVE INGREDIENT: *Cydia pomonella* granulovirus (CpGV) isolate V-22
Minimum of 3.0×10^{13} occlusion bodies (OBs)/L.

REGISTRATION NO: 34116 PEST CONTROL PRODUCTS ACT

Net Contents: 100 – 5000ml

CAUTION – EYE IRRITANT
POTENTIAL SENSITIZER

Andermatt Canada Inc
12 Fairway Drive Hanwell, New
Brunswick, E3C 0M2
Tel: 1-506-444-5690

Batch Number:
Date of Manufacture:

PRODUCT PRECAUTIONS:

Read and understand the entire label before opening this product. If you have questions call the supplier at 1-506-444-5690 or obtain technical advice from the distributor or your provincial agricultural representative.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. May irritate eyes. May cause sensitization. Avoid contact with skin, eyes or clothing. Avoid inhaling/breathing spray mist. Wear a long-sleeved shirt, long pants, protective eyewear (goggles), waterproof gloves, socks and shoes and a NIOSH-approved particulate filtering facepiece respirator with any N, R or P filter when handling, mixing/loading or applying the product and during all clean-up/repair activities. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Apply only to agricultural crops when the potential for drift to areas of human habitation and human activity, such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

FIRST AID:

IF SWALLOWED - Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING - Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

IF INHALED - Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

IF IN EYES - Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

GENERAL – Seek medical attention immediately if irritation or signs of toxicity occur and persist or are severe. Take container, label or product name and Pest Control Product Registration Number with you, when seeking medical attention.

TOXICOLOGICAL INFORMATION:

Treat symptomatically

ENVIRONMENTAL PRECAUTIONS:

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

GENERAL INFORMATION:

The active ingredient in Madex HP is a naturally occurring virus of *Cydia pomonella*. It is a highly selective pathogen of *Cydia pomonella* and *Grapholita molesta*. There is no evidence of this active ingredient infecting non-target organisms.

DIRECTIONS FOR USE:

Pome Fruits (Crop Group 11-09): apple, azarole, crabapple, mayhaw, medlar, pear, Asian pear, quince, Chinese quince, Japanese quince, tejocote, as well as cultivars, varieties and/or hybrids of these commodities.

PESTS	APPLICATION RATE	APPLICATION INSTRUCTIONS
Codling moth (<i>Cydia pomonella</i>) Oriental fruit moth (<i>Grapholita molesta</i>)	50 -100 mL/ha	Apply to eggs or 1 st instar larvae to control each generation. Use of pheromone traps is recommended for monitoring pest populations. For optimal control, apply with sufficient water volume (400-1500 L/ha is recommended) for thorough coverage without excess run-off. Re-apply with a minimum of 6 days between treatments. Use the high rate under high pest pressure or when the reapplication interval is longer than 6 days. Up to 5 applications per generation may be necessary.

Stone Fruits (Crop Group 12-09): apricot, Japanese apricot, black cherry, Nanking cherry, sweet cherry, tart cherry, chokecherry, nectarine, peach, plum, American plum, beach plum, Canada plum, cherry plum, chicksaw plum, Damson plum, Japanese plum, Klamath plum, prune plum, plumcot, sloe, as well as cultivars, varieties and/or hybrids of these commodities.

PESTS	APPLICATION RATE	APPLICATION INSTRUCTIONS
Codling moth (<i>Cydia pomonella</i>) Oriental fruit moth (<i>Grapholita molesta</i>)	50 -100 mL/ha	Apply to eggs or 1 st instar larvae to control each generation. Use of pheromone traps is recommended for monitoring pest populations. For optimal control, apply with sufficient water volume (400-1500 L/ha is recommended) for thorough coverage without excess run-off. Re-apply with a minimum of 6 days between treatments. Use the high rate under high pest pressure or when the reapplication interval is longer than 6 days. Up to 5 applications per generation may be necessary.

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- Depending upon weather conditions and the persistence of the pest infestation, applications should be repeated every 6-8 days.
- Uniform coverage of the foliage is essential for optimal control.

SHAKE BEFORE USE!

The pH of the solution should range between 5 and 8.5

Restricted-Entry Interval (REI): DO NOT allow worker entry into treated areas for 4 hours or until sprays have dried unless wearing waterproof gloves, long-sleeved shirt, long pants, socks and shoes.

Pre-Harvest Interval (PHI): Madex HP can be used up to and including the day of harvest. PHI=0 days.

Use Restrictions:

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pest.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wash water.

DO NOT apply by air.

DO NOT apply by any type of irrigation system.

Airblast application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. DO NOT apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

STORAGE: Store container upright and keep tightly closed when not in use. Shake vigorously to re-suspend contents immediately prior to addition in water. Store this product away from food or feed.

Madex HP should be used within 2 years from the date of manufacture when stored at or below 5°C.

DISPOSAL:

1. Triple- or pressure-rinse the empty container. Add the rinsings to spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.

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5. For information on disposal of unused, unwanted product, contact the manufacture or the provincial regulatory agency. Contact the manufacture and the provincial regulatory agency in case of a spill and for clean-up of spills.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the PEST CONTROL PRODUCTS ACT to use a control product in a way that is inconsistent with the directions on the label.