MADEX HP
INSECTICIDAL VIRUS

Biological Insecticide for Control of the Codling Moth and Oriental Fruit Moth

Active Ingredient*:
Cydia pomonella granulovirus isolate V22 ........0.06%
Other Ingredients: ..................................99.94%
Total .......................................................100.00%

*Contains a minimum of 3x10^{13} viral occlusion bodies per liter of product.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE INSIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Manufactured by Andermatt Biocontrol AG
Stahlermatten 6, CH-6146 Grossdietwil, Switzerland
Distributed in the US by: Certis USA LLC
9145 Guilford Road, Suite 175, Columbia, MD 21046

Net Contents: 6 fluid ounces
PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed, absorbed through skin, or inhaled. Avoid contact with skin, eyes, and clothing, and breathing spray mist. Causes moderate eye and skin irritation. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID

If swallowed:
• Call a poison control center 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 center or doctor. Do not give anything to an unconscious person.

If inhaled:
• Move person to fresh air.
• If person is not breathing, call 911 or use other emergency number for your location immediately. If person is breathing, give nothing by mouth.

If in eyes:
• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing.

If on skin:
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15-20 minutes.
• Call a poison control center or doctor for treatment advice.
• Move person to fresh air.

FIRST AID

If inhaled:
• If person is not breathing, call 911 or use other emergency number for your location immediately. If person is breathing, give nothing by mouth.

If in eyes:
• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing.
• Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Poison Control Hotline at 1-800-222-1222 for emergency medical treatment information.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:
• long-sleeved shirt and long pants
• waterproof gloves
• shoes plus socks

Follow manufacturers’ instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Environmental Hazards

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to the intermittent areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements to protect agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It is based on specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval (REI). The requirements in this fraction apply only to uses of this product for which workers are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours unless wearing appropriate PPE.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as soil, water, or plants:
• Coveralls
• Waterproof gloves
• Shoes plus socks

This fraction applies only to uses of this product for which workers are covered by the Worker Protection Standard.
GENERAL INFORMATION
MADEX HP acts very specifically against larvae of the apple codling moth, Cydia pomonella Grapholita molesta on pome and stone fruit trees including apple, quince, pear, peach, prunus, apricot, plum, cherry, walnut, almond, pluot, and aprium. After ingestion by the larva, the virus multiplies within the cells of the host insect causing a fatal infection. Rapid virus multiplication within the host cells results in cell destruction and death of the organism, typically within 3-7 days.

USE INFORMATION
Spray spraying shorty before larvae hatch from the eggs and before the larvae feed their way into the fruit. In general, one to two sprays per generation are generally sufficient. Due to unfavorable weather conditions, flight activity may extend over a longer period of time and up to 6 applications may be needed. Frequent applications at low rates may be more effective than one or two applications at high rates.

Use Restriction
Do not apply this product through any type of irrigation system. Mix MADEX HP with water and apply as a spray to fruit and foliage of trees in orchards and nurseries. Use water at or near neutral pH (7).

Pome
0.5 - 3.0

Select a spray volume appropriate to tree size and density of foliage. For small fruit trees depending on pest pressure use 50-100 gallons of water per acre. Larger trees with denser canopies require 100-200 gallons per acre.

Stone
per acre,

TARGET small larvae early in their life cycle. Repeat as necessary to maintain control. MADEX HP breaks down under direct exposure to sunlight. If moths are still flying and laying eggs, reapply after 6-8 sunny days (counting 2 partially sunny days as 1 sunny day).

CROP RATE COMMENTS

Apples, pears, peaches, prunes, cherries, almonds, apricots, plums, quinces, peaches, nectarines, apricots, plums, cherries, walnuts, almonds, pluots, and apricots 4.5-3.0 fluid ounces per acre depending on pest pressure and application frequency.

Spray Hp is applied up to and including the day of harvest.

STORAGE AND DISPOSAL
Do not contaminate water, feed or food by storage or disposal.

PESTICIDE STORAGE:
Store this product in original sealed container in a cool, dry place inaccessible to children and pets. Store at temperatures below 41°F (5°C). Bioactivity may be impaired by storage above 86°F (30°C). Storing the product under cold or freezing temperatures will extend its shelf life.

PESTICIDE DISPOSAL:
To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

CONTAINER HANDLING:
Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by State and local ordinances.

WARRANTY
Andermatt Biocontrol AG warrants that the material contained herein conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, the insect problem, condition of the crop, incomparability with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller. To the extent consistent with applicable law, no other express or implied warranty of the fitness, merchantability or of other characteristics of the material contained herein is given. To the extent consistent with applicable law, NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FIT -
### Proof

**This Proof Is To Be Checked For Accuracy**

Please review and approve Text, Spelling, Copy Placement, Size, Shape, Colors and Dieline.

**Authorized Signature** accepts responsibility for accuracy of all copy, color break and artwork. Cimarron Label is not liable for any discrepancies subsequently identified.

**Please Note:** Due to color variance between printers/monitors, the colors represented by this proof cannot be deemed accurate. Please refer to a color matching system such as the Pantone Matching System for a truer representation of spot colors.

**This Proof Is Not Accurate For Color-Match. Dieline Does Not Print.**

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**Cimarron Label**

Experts in Extended Text Labeling

4201 North Westport Ave. • Sioux Falls, SD 57107

Phone: (605) 978-0451 • Fax: (605) 978-0463

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**Pattern Varnish:** ☑ Yes ☐ No

Form: CS 006L - 11/8/2011

☐ Artwork Is Approved  ☐ Revised Proof Needed

**We Cannot Process This Order Without An Authorized Signature**

Signed ___________________________ Date ___________________