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**Enstar® II**  
INSECT GROWTH REGULATOR

For control of Whiteflies and Aphids in Greenhouses on Ornamental Plants

COMMERCIAL  
WARNING:  
EYE AND SKIN IRRITANT  
POTENTIAL SKIN SENSITIZER

KEEP OUT OF REACH OF CHILDREN  
READ THE LABEL BEFORE USING

CAUTION  
POISON

Net Contents 150 mL

GUARANTEE  
(S)-Kinoprene..... 65%

REGISTRATION NO. 25576  
PEST CONTROL PRODUCTS ACT

Wellmark International  
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## **DIRECTIONS FOR USE**

**Introduction:** ENSTAR II is an insect growth regulator recommended for control of whiteflies and aphids on ornamental plants in the greenhouse. ENSTAR II does not produce an immediate insect kill but results in a gradual reduction of the insect population to below damaging levels. At the preventative maintenance rate, ENSTAR II shows morphological, ovidical, and sterilizing effects. At the higher rate for heavy populations, ENSTAR II kills adults. A preventative spray schedule along with good management practices (such as keeping doors closed and not introducing heavily infested plants into the greenhouse) will provide effective whitefly and aphid control. In the case of heavy whitefly adult populations, ENSTAR II should be used at the higher rate to quickly reduce the whitefly population. Effects on Greenhouse Plants: Slight to moderate injury has been noted on blooms under certain conditions. For whitefly and aphid control, it is recommended that applications be made in the pre-bloom stage. Before making large scale applications to any crop, the growers should test spray small numbers of plants to determine plant safety under their own cultural conditions. Applications of ENSTAR II have been made to the following greenhouse plants without adverse effect to the foliage: Azalea, Chrysanthemum, Dianthus, Fuchsia, Geranium, Hydrangea, Marigold, Pelargonium, Petunia, Snapdragon. Application of ENSTAR II to certain varieties of poinsettia has produced bract damage. ENSTAR II's use on roses may result in delayed damage to some varieties.

## **RECOMMENDED GREENHOUSE APPLICATIONS**

**Rates of Application:** Preventative Maintenance Program: Mix ENSTAR II at the rate of 25 to 40 mL per 100 L of water, and apply to run-off every 2 weeks, to prevent whitefly and aphid populations from reaching damaging levels. Generally, approximately 10 mL of ENSTAR II per 100 m<sup>2</sup> every two weeks is required for preventative maintenance. Heavy Population Control Program: When heavy populations of adult whiteflies or aphids exist, apply 2 applications, 7 days apart, of ENSTAR II at a rate of 75 mL per 100 L of water. Apply mixture to the point of run off. After two weeks, begin preventative maintenance program. Mixing and Handling Instructions: 1. Store in a cool place. 2. Partially fill spray tank with water, then add the recommended amount of ENSTAR II, agitate and complete filling. 3. Dilute spray solution should be used within 24 hours; always agitate before using. Methods of Application: Complete coverage of foliage is essential for control of whiteflies and aphids. For conventional spray equipment, mix the recommended amount of ENSTAR II and water and spray both top and bottom surfaces of leaves until run-off. For other applications, follow the equipment manufacturers specifications.

**Precautions:** KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed or absorbed through skin. May cause eye irritation. May cause skin sensitization reactions in certain individuals. Avoid contact with skin, eyes, or clothing. Harmful if inhaled. Avoid breathing spray mist. Wash hands, face and exposed skin after use and before eating, drinking, or smoking. Wear coveralls over normal work clothes, chemical resistant gloves and a face shield when mixing, loading or applying or when cleaning or repairing contaminated equipment. DO NOT re-enter treated areas within 12 hours. Do not contaminate food, feed and domestic water supplies by storage or application of product. Do not use on crops grown for food or feed.

**FIRST AID:** 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. □□ 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. IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Product contains hydrocarbon solvent. Treat symptomatically.

**STORAGE:** Store in a cool, dry place away from food, feed or foodstuffs. Protect from heat or open flame.

**DISPOSAL:**

- Triple - or pressure - rinse the empty container. Add the rinsings to the spray mixture in the tank.
- Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
- Make the empty container unsuitable for further use.
- Dispose of the container in accordance with provincial requirements
- For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer 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 this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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