

96.11.19

ENSTAR(R)

65% EC INSECT GROWTH REGULATOR

For control of Whiteflies and Aphids in Greenhouses on
Ornamental Plants and Vegetable Crops Grown for Seed.

COMMERCIAL

GUARANTEE: Kinoprene 65%

READ THE LABEL BEFORE USING

REGISTRATION NO. 14660

PEST CONTROL PRODUCTS ACT.

CAUTION POISON

KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: 473 mL

Manufactured for:
SANDOZ AGRO CANADA, INC.
Suite 302, Plaza 4, 2000 Argentia Road
Mississauga, Ontario L5N 1W1

811-0661-40-01-AA

DIRECTIONS FOR USE

Introduction: ENSTAR 65% EC is an insect growth regulator recommended for control of whiteflies, and aphids in the greenhouse.

ENSTAR 65% EC 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 65% EC shows morphological, ovicidal, and sterilizing effects. At the higher rate for heavy populations, ENSTAR 65% EC 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 cases of heavy whitefly adult populations, ENSTAR 65% EC insect growth regulator 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 prebloom stage. Before making large scale applications to any crop, a grower should test spray small numbers of plants to determine plant safety under his own cultural conditions.

Applications of ENSTAR 65% EC insect growth regulator 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 65% EC to certain varieties of poinsettia has produced bract damage. ENSTAR 65% EC use on roses may result in delayed damage to some varieties.

Application of ENSTAR 65% EC insect growth regulator have been made to the following vegetable seed crops in greenhouses without adverse effect: Fava Bean, Green Bean, Spinach, Sugar Beet, and Tomato.

RECOMMENDED GREENHOUSE APPLICATIONS

Rates of Application: Preventative Maintenance Program: Before whitefly and aphid populations reach damaging levels, mix ENSTAR 65% EC at the rate of 50 to 75 mL per 100L of water, and apply to run off every 2 weeks. Generally, 15 mL of ENSTAR 65% EC per 100 m² every two weeks is required for preventative maintenance.

Heavy Population Control Program: To a heavy population of adult whiteflies or aphids, make 2 applications 7 days apart of ENSTAR 65% EC to run off at a rate of 150 mL per 100L of water. Two weeks later, begin the preventative maintenance program.

Precautions: KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Wash thoroughly after handling. Do not store near or contaminate feed or foodstuffs. Bury empty container or discard according to local regulations. Never reuse empty container. Seeds from treated vegetable seed crops must be used only for subsequent plantings. Other portions of treated plants must be disposed of according to local regulations and must not be used for feed or foodstuff.

Mixing and Handling Instructions:

1. Store in a cool place.
2. Partially fill spray tank with water, then add the recommended amount of ENSTAR 65% EC, 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 65% EC and water and spray both top and bottom surfaces of leaves until run off. For other applications follow the equipment manufacturer's specifications.

DISPOSAL

1. Rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions 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.
5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the manufacturer.

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offense under the Pest Control Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out in the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product, and accepts the product on that condition.

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