

Enstar[®]

Insect Growth Regulator

5E

For Control of Whiteflies, Aphids, Soft
and Armored Scale, Mealybugs,
and Fungus Gnats in Greenhouses on
Ornamental Plants and Vegetable
Seed Crops

ACTIVE INGREDIENTS:		
2-prodynyl (E)-3,7,11-trimethyl-2,4-dodecadienoate*	65.3%	
INERT INGREDIENTS	34.7%	
Formulation contains 0.625 lb. active ingredient per pint		TOTAL 100.0%

ENSTAR is a registered trademark of Zoexon Corporation, U.S. Pat. 4,021,161
EPA Reg. No. 20954-4 EPA Est. No. 20945-CA-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel for additional precautionary statements

NET CONTENTS 1 PINT

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PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS
CAUTION

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.
PHYSICAL OR CHEMICAL HAZARDS
Do not use or store near heat or open flame.

DIRECTIONS FOR USE
GENERAL CLASSIFICATION
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal.
STORAGE: Store in a cool place.
DISPOSAL: Bury empty container or discard according to local regulations. Never reuse empty container.

INSTRUCTIONS FOR USE:
1 Partially fill spray tank with water, then add the recommended amount of ENSTAR 5E, agitate and complete filling.
2 Diluted spray solution should be used within 24 hours, always agitate before using.

WARRANTY AND CONDITIONS OF SALE
Zoexon warrants that this product conforms to the chemical description of the label and is useful for the control of greenhouse pests as described herein. Neither Zoexon nor the seller make any other warranty, express or implied.

RECOMMENDED GREENHOUSE APPLICATION RATES OF APPLICATION:
Preventative Maintenance Program: Before insect populations reach damaging levels, mix ENSTAR 5E at the rate of 6 to 10 oz. per 100 gallons of water (1 tsp/2 gal) and apply to runoff every two weeks. Generally, 1 oz. of ENSTAR 5E per 2,000 sq. ft. every two weeks is required for Preventative Maintenance.
Heavy Population Control Program: To a heavy population of adult insects, make 2 applications 7 days apart of ENSTAR 5E of runoff at a rate of 20 oz. per 100 gallons of water (1 tsp/gal). Two weeks later begin the Preventative Maintenance Program.

For Root (Ground) Mealybug and Fungus Gnat Control: When infestations of root mealybug and Fungus Gnat are observed, the entire pot containing the infested plant should be drenched by submersion in a solution of ENSTAR 5E at a rate of 1 oz. per 5 gal. of water. Submersion should continue until no more air bubbles are seen escaping from the fluid surface. This insures that the root system surface is saturated and the container is thoroughly treated. Repeat as necessary.

METHODS OF APPLICATION:
Complete coverage of foliage is essential for control of whiteflies, aphids, mealybugs, fungus gnats, and scales. For conventional spray equipment, mix the recommended amount of ENSTAR 5E and water and spray both top and bottom surfaces of leaves until runoff. For other applications, follow the equipment manufacturer's specifications.

EFFECTS ON GREENHOUSE PLANTS:
Slight to moderate injury has occasionally been noted on blooms under certain conditions. For insect control, it is suggested that applications be made in the pre-bloom stage. Before making large scale application to any crop, a grower should test spray small numbers of plants to determine plant safety under his own cultural conditions.

Applications of ENSTAR 5E have been made to greenhouse plants (Azalea, Chrysanthemum, Dianthus, Fuchsia, Geranium, Hydrangea, Marigold, Petalooonium, Petunia, Snapdragon) and vegetable seed crops in greenhouses (Fava Bean, Green Bean, Spinach, Sugar Beet, Tomato) without adverse effects.

Application of ENSTAR 5E to poinsettia has produced bract damage of most varieties and foliar damage of some varieties. Some varieties of roses show delayed damage.

Seeds from treated vegetable seed crops must be used only for subsequent planting. Portions of treated plants other than seeds must be disposed of according to local regulations and must not be used in food or feedstuffs.

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APPROVED
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PAUL
C. H. H. H.