

PA 10 100-750 179 1/12

New Draft
Master Label Precision™
(Alternate Brand Name - Eclipse™)

Precision™

Insect Growth Regulator

For control of selected insects, including whiteflies, soft scales, fungus gnats, shore flies, and lepidopterous leafminers in landscape ornamentals, nurseries, nonbearing fruit and nut trees, greenhouse ornamental crops, and other areas as specified on the label.

Active Ingredient:
Fenoxycarb: (Ethyl [2-(4-phenoxyphenoxy) ethyl] carbamate)...25%
Inert Ingredients: 75%
Total: 100%

Precision is a wettable powder.

KEEP OUT OF REACH OF CHILDREN.

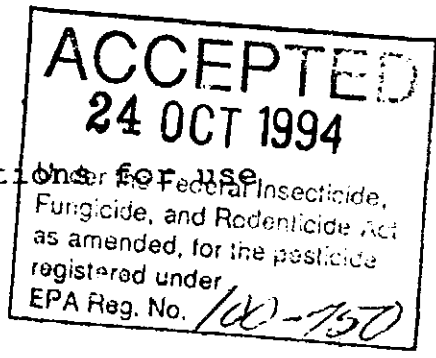
CAUTION

See additional precautionary statements and directions inside booklet on container.

EPA Reg. No. 100-750

EPA Est. 67545-AZ-1^G
5905-GA-01^H

(Superscript is first letter of lot number on container.)



This outer protective container contains Precision in small, inner water soluble pouches. Entire inner pouches and their contents dissolve in water. After opening outer container, immediately dump the required number of unopened pouches into the partially filled sprayer or mix tank. Do not handle the soluble pouches or expose them to moisture, since this may cause rupturing. If not using all water soluble pouches, reclose the outer protective bag for storage. Ciba-Geigy and the Seller strongly recommend against using partial water soluble pouches of Precision. Such practice may result in injury and/or failure of performance.

8 X 1.0 Ounce Water Soluble Pouches

Total 8.0 Ounces Net Weight

10 X 1.0 Lb. Water Soluble Pouches

Total 10.0 Lbs. Net Weight

CGA 137L6 - 8 X 1.0 Oz.
10 X 1.0 Lb.

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Ciba-Geigy or the Seller. All such risks shall be assumed by the Buyer.

Ciba-Geigy warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. Ciba-Geigy makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Ciba-Geigy or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Ciba-Geigy and the Seller offer this product, and the Buyer and user accept it subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Ciba-Geigy.

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 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 for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

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 plants, soil, or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

Observe all precautions and limitations on this label and on the labels of each product used in tank mixtures with this product.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, ILLEGAL RESIDUES, AND/OR POOR INSECT CONTROL.

General Information

For control of selected insects, such as whiteflies (sweet potato and greenhouse), soft scales, fungus gnats, shore flies, and lepidopterous leafminers in landscape ornamentals, container grown ornamentals, non-bearing fruit and nut trees in nurseries, Christmas tree plantations, ground covers, greenhouse, lath and shade house ornamental crops, and interiorscapes.

For control of lepidopterous leafminers (e.g., citrus leafminer and azalea leafminer) on nonbearing citrus and woody ornamentals. Do not apply to trees that will bear fruit within one year of application.

Precision should be used in conjunction with IPM practices including the early detection of target insect populations, threshold treatment levels, cultural control practices, and other procedures to manage target pest populations. Refer to local extension or university personnel or brochures for information on IPM practices.

Application

For control of whiteflies and soft scale insects (wax, brown soft, euonymus, etc.), apply 2-4 oz. Precision per 100 gals. water as soon as the presence of target insects are detected. Sprays for control of scale should be directed to the crawler stage. Repeat applications at 7-14 day intervals to control the immature stages of the insect pests. Apply the spray mixture uniformly to all surfaces of the plants, particularly the stems and the undersides of the leaves. Spray the plants to the point of runoff. Follow the manufacturer's recommendations for proper use of application equipment.

For the control of fungus gnats (*Bradysia* spp.) and shore flies (*Scatella* spp.) apply 4 oz. Precision in 100 gal. of water as a spray or drench to all surfaces where the insect pests may breed. This includes the potting media surfaces, bench tops, undersides of benches, and the areas under the benches that may be contaminated with potting media or algae. Repeat applications on a 10-14 day schedule to minimize reinfestations.

For control of lepidopterous leafminers, apply 6.0 to 8.0 oz. per acre of Precision when oviposition begins on the new flush of growth. A second application should be made 14-21 days later. Application should be made in full coverage sprays.

Precision will not control the adult stages of the insect pests. For control of adults, insecticides labeled for adult insect control should be used.

Chemigation: Do not apply this product through any type of irrigation system.

Notes: (1) Precision has been evaluated for safety to many greenhouse, nursery, bulb, and ornamental plants as a drench for control of fungus gnats. No phytotoxicity has been seen on amaryllis, begonia, chrysanthemum, geranium, gerbera, impatiens, poinsettia, azalea, or Boston fern. (2) Applications should not be made after bract formation to poinsettias. (3) To evaluate possible phytotoxic effects, before treating ornamental crops, the grower should test Precision, on a small group of plants, under the same conditions in which they will be grown, for at least 2 weeks.

Mixing Instructions

Prepare no more spray mixture than is necessary for the immediate operation. Thoroughly clean spray equipment before using this product. Agitate thoroughly before and during application. "Rolling" agitation is suggested to keep Precision thoroughly mixed and in suspension. Flush spray tank thoroughly with clean water daily after use and dispose of pesticide rinsate by application to a previously treated area.

Precision Alone: Add 1/2-2/3 of the required amount of water to the spray or mix tank. With the agitator running, drop the required number of unopened soluble packets of Precision into the tank all at once. Continue agitation while adding the remainder of the water. Begin application of the spray solution after the packets have dissolved, and the material has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

Precision + Tank Mixtures: Precision is compatible with most commonly used insecticides, fungicides, and spray adjuvants used in the production of bedding plants, ornamentals, and other crops grown in nurseries. When using Precision in tank mixture with other pesticides, observe all directions for use, and precautions on the respective tank mix label.

Add 1/2-2/3 of the required amount of water to the spray or mix tank. With the agitator running, drop the required number of unopened soluble packets of Precision into the tank all at once. Continue agitation while adding the remainder of the water. Tank mix partners may be added only when: (1) the Precision packets and their contents have dissolved and dispersed into the mix water, and (2) when the tank has filled with water. Maintain agitation when adding the tank mix partners and while spraying the solution onto the crop.

Precautions: (1) Water soluble packets of Precision must be completely dissolved and dispersed in water before any other tank mix partner, including micronutrients or other liquid or

dry fertilizer, is added to the spray solution. (2) When more than one product is packaged in water soluble packets, add all of those products at once to the mix or spray tank. Apply any other products after the soluble packets have completely dissolved, and the material has completely dispersed into the mix water.

Note: Do not let spray mixture stand overnight in the spray tank. Rinse spray tank at the end of the day.

Table 1: Application to Control Whiteflies and Scale

| | | | |
|---------------------------------|-----------|----------|----------|
| Area to be treated (sq. ft.) | 20,000 | 10,000 | 5,000 |
| Water Volume | 100 gals. | 50 gals. | 25 gals. |
| Number of Water-Soluble Pouches | 2-4 | 1-2 | 1 |

Table 2: Application to Control Fungus Gnats and Shore Flies

| | | | | |
|--|--------|--------|-------|-------|
| <u>Drench*</u> Area to be treated (sq. ft.) | 20,000 | 10,000 | 5,000 | 1,000 |
| Number of Water-Soluble Pouches | 80 | 40 | 20 | 4 |

*100 gals. will drench 1,000 sq. ft.

| | | | |
|--|-----------|----------|----------|
| <u>Spray</u> Area to be treated (sq. ft.) | 20,000 | 10,000 | 5,000 |
| Water Volume | 100 gals. | 50 gals. | 25 gals. |
| Number of Water-Soluble Pouches | 4 | 2 | 1 |

Table 3: Application to Control Lepidopterous Leafminers

| | | | |
|---|-------|-------|--|
| Spray Amount Per Acre | 6 oz. | 8 oz. | |
| Number of 1.0 Oz. Water-Soluble Pouches | 6 | 8 | |

Electrostatic Spraying Systems, PulsFog® Systems or Other Low Volume Systems:

To calculate the amount of product to be applied, use the appropriate amount of Precision for the square footage to be treated with spray as listed. The amount of carrier (water) is dependent on the amount needed for adequate coverage.

Storage and Disposal

Pesticide Storage - Do not store this product under wet conditions; store in a cool, dry place. Handle outer container carefully to avoid breakage of inner soluble packets.

Pesticide Disposal - Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal - Do not reuse outer container. Dispose of empty outer container in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, dispose of by burning. If bag is burned, stay out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Harmful if inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid breathing spray mist. Avoid contact with eyes, skin, or clothing.

Statement of Practical Treatment

If on skin: Wash with plenty of soap and water. Get medical attention.

If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

If inhaled: Move victim to fresh air.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This product is toxic to fish and aquatic invertebrates. Drift and runoff from treated sites may be hazardous to aquatic invertebrates in adjacent aquatic sites. For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters.

Accu-Pak®, Precision™ and Eclipse™ trademarks of Ciba-Geigy Corporation

U. S. Patent No. 4,215,139

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Ciba Crop Protection
Ciba-Geigy Corporation
Greensboro, North Carolina 27419

CGA 137L6 - 8 X 1.0 Oz.
10 X 1.0 Lb.

[GANNONC.LABELP]PRESN-A - 10/7/94

Adhesive Back Label

PrecisionTM

Insect Growth Regulator

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Active Ingredient:

Fenoxycarb: (Ethyl [2-(4-phenoxyphenoxy) ethyl] carbamate)...25%

Inert Ingredients: 75%

Total: 100%

Precision is a wettable powder.

See directions for use in attached booklet on container.

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Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

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Total 8.0 Ounces Net Weight

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Total 10.0 Lbs. Net Weight

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