 <p style="text-align: center;">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p style="text-align: center;"><b>NOTICE OF PESTICIDE:</b> <u>  X  </u> Registration <u>      </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 100-750	Date of Issuance: 8 JUN 1993
	Term of Issuance: Conditional	
Name of Pesticide Product: Precision		
Name and Address of Registrant (include ZIP Code): Ciba Geigy Corporation Ciba Plant Protection Post Office Box 18300 Greensboro, NC 27419-8300		
<p style="font-size: small;">Notes: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p style="text-align: center;">This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> <li>1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.</li> <li>2. Make the following label changes:           <ol style="list-style-type: none"> <li>a. Revise the EPA Registration Number to read, "EPA Reg. No.100-750".</li> <li>b. The use in greenhouses and nurseries must be limited to ornamentals.</li> </ol> </li> </ol>		
Signature of Approving Official: <i>Rita Kumar</i>	Date: 6-8-93	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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EPA Reg. No.

c. Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard. If any of your products are covered by this standard, you are required to submit, and receive the Agency's approval by April 21, 1994, of a revised label reflecting the required label statements of 40 CFR 156, published in the FEDERAL REGISTER on August 21, 1992 (57 FR 38102). Further guidance will be issued. According to 40 CFR 156, subpart K, "No product to which this subpart applies shall be distributed or sold without amended labeling by any registrant after April 21, 1994. Please call 1-800-777-2185 if you have any labeling questions regarding the Worker Protection standard.

3. Submit one (1) copy of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

The review of the request for waiver of the laboratory volatility study is enclosed for your information. A laboratory volatility study is not required at this time.

Sincerely



Rita Kumar  
Acting Product Manager 10  
Insecticide & Rodenticide Branch  
Registration Division (H7505C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

Draft Label  
8 X 1.0 Ounce Water Soluble Packets

Precision™

Insect Growth Regulator

For control of selected insects, including whiteflies, soft scales, fungus gnats and shore flies in ornamentals, nurseries and ~~greenhouse crops~~

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 for use on back of bag.

EPA Reg. No. 100-

EPA Est.

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

8 X 1.0 Ounce Water Soluble Packets

Total 8.0 Ounces Net Weight

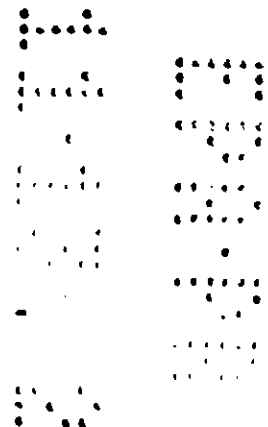
CIBA-GEIGY

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

8 JUN 1993

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

100-750



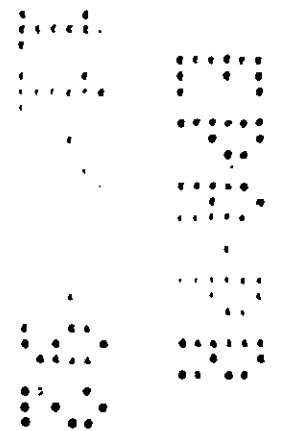
DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

**IMPORTANT:** Read the entire Directions for Use and 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. 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.

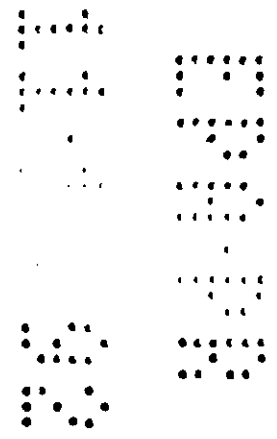
Do not apply this product in such a manner as to directly, or through drift, expose workers or other persons. The area being treated must be vacated by unprotected persons.

Reentry Statement

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

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated, and appropriate actions to take in case of accidental exposure as described under Precautionary Statements on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: "CAUTION. (Area or field description) treated with Precision on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure, flush eyes or skin with plenty of water. Call a physician if irritation persists. Remove and wash contaminated clothing before reuse."



General Information

For control of selected insects, such as whiteflies (sweet potato and greenhouse), soft scales, fungus gnats and shore flies, 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.

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.

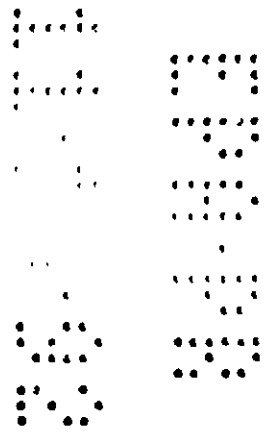
Application

For control of whiteflies and soft scale insects (wax, brown soft, euonymus, etc.), apply 2-4 oz Precision per 100 gal. 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.

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.



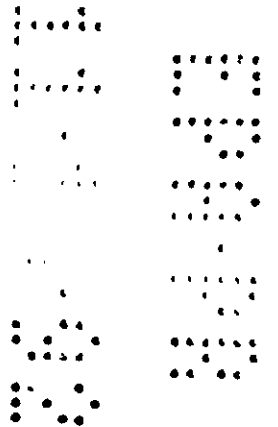
Notes: (1) Precision has been evaluated for safety to many greenhouse, nursery, bulb and ornamental plants as a drench for control of fungus gnats. No phytotoxicity has been seen on amaryllis, begonia, chrysanthemum, geranium, gerbera, impatiens, poinsettia, azalea, or Boston fern. (2) Leaf stunting has been observed after multiple applications of foliar sprays of the high rate of Precision on several poinsettia varieties. Varieties should be evaluated for phytotoxicity prior to making applications to the entire crop. Applications should not be made after bract formation. (3) Slight phytotoxic symptoms have occasionally been seen on foliage of ageratum, celosia, coleus, dianthus, dusty miller, impatiens, marigold, pansy, petunia, snapdragon and verbena after multiple foliar applications. The grower should determine if Precision can be used safely on ornamental crops prior to use. 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 to 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 to 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 fertilizers, are 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.

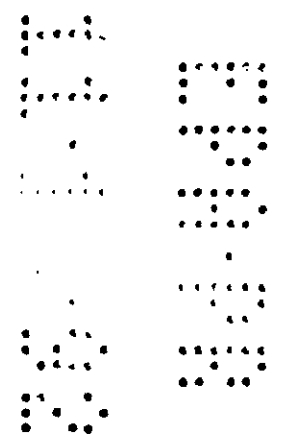




Table 1: Application to Control Whiteflies and Scale

	Area to be Treated (square feet)		
	20,000	10,000	5,000
Water Volume	100 gals	50 gals.	25 gals.
Number of Water Soluble Packets	2-4	1-2	1

Table 2: Application to Control Fungus Gnats and Shore Flies

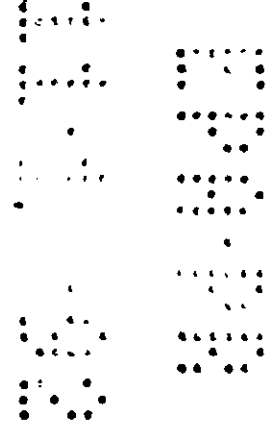
Drench <sup>1</sup> Area (square feet)	20,000	10,000	5,000	1,000
Number of Water Soluble Packets	80	40	20	4

<sup>1</sup>100 gal. will drench 1,000 square feet

Spray Area (ft.)	20,000	10,000	5,000
Gals. Water	100	50	25
Number of Water Soluble Packets	4	2	1

Electrostatic Spraying Systems, PulsFog<sup>®</sup> 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.



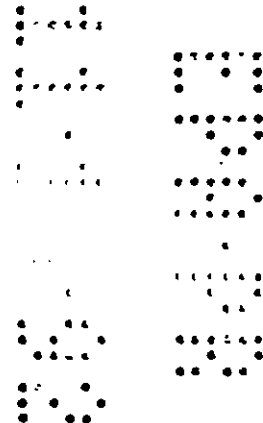
Storage and Disposal

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 bag. Dispose of empty outer bag 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. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

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.

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. Do not apply directly to water, 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 washwaters.

Precision™ trademark of CIBA-GEIGY Corporation  
U. S. Patent No. 4,215,139

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Greensboro, North Carolina 27419

CGA

