

MAY 12 1995

Robert Wurz  
Ciba Crop Protection  
Ciba-Geigy Corporation  
Post Office Box 18300  
Greensboro, NC 27419-8300

Dear Mr. Wurz:

Subject: Addition of almonds and walnuts, and of various crops  
including citrus, cotton artichokes, safflower,  
olives, and pecans  
Supracide<sup>(R)</sup> 25WP  
EPA Registration No. 100-754  
Your resubmission of July 11, 1995

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), sec. 3(c)(7)(A), is acceptable provided that you:

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.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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 bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

DHE

Dennis H. Edwards, Jr.  
Product Manager (19)  
Insecticide Rodenticide Branch  
Registration Division (7505C)

Enclosure

highlighted copy = 7/16

**RESTRICTED USE PESTICIDE**  
  
FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION, AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

Supracide® 25WP

INSECTICIDE-MITICIDE

Added For control of insects and mites in almonds, artichokes, cotton, deciduous fruit, citrus, olives, pecans, safflowers and walnuts

Accu-Pak®

Active Ingredient: Methidathion: O,O-Dimethyl-S-[5-methoxy-2-oxo-1,3,4-thiadiazol-3(2H)-yl-methyl]-dithiophosphate	25%
Inert Ingredients:	75%
Total:	100%

2 X 2 Pounds  
Total Net Weight

EPA Reg. No. 100-754  
EPA Est. 67545-AZ-1

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional precautionary statements on left side of bag and directions for use on right side of bag.

This outer protective packaging contains Supracide 25WP in 2 water-soluble pouches which are designed to dissolve in water. After opening the outer bag, immediately drop the unopened water-soluble pouches into the partially filled sprayer or mixing tank. Do not handle the soluble pouches or expose them to moisture, since this may cause rupturing.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAY 12 1995

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 100-754

2 of 10

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.

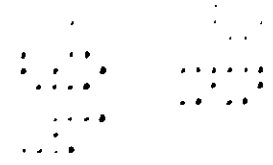
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Conditions of Sale and Warranty

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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 48 hours when Supracide 25WP is applied at rates  $\leq$  2 lbs. a.i./A or 14 days when Supracide 25WP is applied at rates  $>$  2 lbs. a.i./A and up to the maximum label rate of 10 lbs a.i./A.

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

Revised to reflect inimum rate citrus)

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

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General Information

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Supracide 25WP is effective for the control of certain insects and mites in almonds, walnuts, and deciduous fruit. It is a 25% wettable powder which should be thoroughly mixed in water and applied as a spray.

Mixing Instructions

Before using this product, thoroughly clean spray equipment to remove contaminants which may cause crop injury or sprayer clogging. Prepare no more mixture than is needed for the immediate operation. Vigorous agitation is necessary to maintain uniformity of the spray mixture. Maintain maximum agitation throughout the spraying operation. Do not let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

Precautions: (1) Water-soluble pouches of Supracide 25WP must be completely dissolved and dispersed completely in water before any other tank mix partner, including micronutrients or any other liquid or dry fertilizers, or any adjuvant is added to the spray solution. (2) When more than one product is packaged in water-soluble pouches, add all of those products at once to the mix or spray tank. Apply any other products after the soluble pouches have completely dissolved, and the material has completely dispersed into the mix water.

Supracide 25WP Alone: Add 2/3 of the required amount of water to the spray or mixing tank. With the agitator running, drop the required number of unopened soluble pouches of Supracide 25WP into the spray tank all at once. Continue agitation while adding the remainder of the water. Begin application of the spray solution after the pouches have dissolved and the material has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

Supracide 25WP + Tank Mixtures: Consult your Ciba Plant Protection representative for information concerning compatibility of Supracide 25WP with tank mix partners.

Add 2/3 of the required amount of water to the spray or mixing tank. With the agitator running, drop the required number of unopened soluble pouches of Supracide 25WP into the spray tank all at once. Continue agitation while adding the remainder of the water. Allow the pouches of Supracide 25WP to dissolve and the product to completely disperse into the mix water. Then add the desired amount of other products recommended for tank mixture and allow them to become completely dispersed. Continue agitation to maintain uniform suspension while adding the tank

0 of 16

mix partners and until all of the spray solution has been applied.

If using Supracide 25WP in a tank mixture, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix partner label. No label dosage rate should be exceeded, and the most restrictive label precautions and limitations should be followed. This product should not be mixed with any product which prohibits such mixing on its label.

Tank mixtures are permitted only in those states where the tank mix partner is registered.

Chemigation

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

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Almonds

Added

Apply the recommended rate during the dormant or delayed dormant period or as a cover spray. Use the low rate for light infestations and the high rate for moderate to heavy infestations. Properly calibrated application equipment is essential for uniform coverage.

Ground Application

) Peach twig borer, San Jose scale, brown almond mite: Apply 4-12 lbs. of Supracide 25WP in a minimum of 50 gals. of water per acre. For applications at rates less than 6 lbs./A, tank mix with the appropriate amount of EPA-registered oil listed below under Supracide WP + oil.

Aerial Application

Peach twig borer, San Jose scale, brown almond mite: Apply 6-12 lbs. of Supracide 25WP in a minimum of 20 gals. of water per acre. Spray swath should be no wider than the distance between the tree rows or the length of the spray boom.

Supracide 25WP + Oil

EPA-registered spray oils may be added to the spray mixture during the dormant/delayed dormant period only. If applying less than 6 lbs./A of Supracide 25WP, at least 2 gals. of oil per acre must be added to the spray mixture. Do not apply more than 8 gals. of oil per acre by ground application or more than 5 gals. of oil per acre as an aerial spray.

Important: To avoid illegal residues: (1) Do not make more than one application during the dormant/delayed dormant period;

6

(2) Do not apply within 80 days of harvest; (3) Do not graze treated areas or feed cover crops grown in treated areas to livestock.

Precaution: Apply the delayed dormant application before any blossoms open, or injury may occur.

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**Artichokes**

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Added as on Supracide

Artichoke plume moth, chrysanthemum leafminer: Apply 4 lbs. of Supracide 25WP per acre in a minimum of 50 gals., of water with ground application or a minimum of 10 gals. of water with aerial application. Begin applications when insects appear in newly planted fields or when shoots emerge following complete cutback of the plants. Continue applications at 14-day intervals until buds begin to appear. Do not plant crops except those listed on this label within one year after last application.

**Notes:** To avoid illegal residues, (1) Do not apply after buds begin to form. (2) Avoid application under conditions which favor drift to adjacent artichoke fields where buds are present. (3) Do not exceed a total of 8 applications per crop cycle.

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**Cotton**

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Added as on 2FE

Apply the recommended rate of Supracide 25WP per acre in a minimum of 10 gals. of water by ground application or a minimum of 3 gals. of water by aerial application. Use the low rate for light infestations and the high rate for moderate to heavy infestations. Repeat applications at 5-7 day intervals if infestations continue.

Lygus bug: (AZ, CA only) Apply 2-4 lbs./A.

Bandedwing white fly: (mid-south and southeast U.S. only) Apply 1-2 lbs./A.

Pink bollworm: (AZ, CA only) Apply 2 lbs./A.

Spider mites, boll weevil, bollworms: Apply 4 lbs./A.

**Notes:** To avoid illegal residues, (1) Do not apply more than 16 lbs./A during any one growing season. (2) Do not apply within 14 days of harvest. (3) Do not apply more than the 2 lbs./A rate to open bolls. (4) Do not graze treated cotton plants or feed gin trash to livestock.

Deciduous Fruit

Apply the recommended rate during the dormant or delayed dormant period. Use the low rate for light infestations and the high rate for moderate to heavy infestations. Properly calibrated application equipment is essential for uniform coverage.

Ground Application

See Table 1 for specific crops and insects. Apply 4-12 lbs. of Supracide 25WP in a minimum of 50 gallons of water per acre. For dormant/delayed dormant applications at rates less than 6 lbs./A, tank mix with the appropriate amount of EPA-registered oil listed below under Supracide 25WP + Oil.

Table 1: Deciduous Fruits	
Crop	Insects
Apples, pears	San Jose scale Rosy apple aphid Pear psylla <sup>1</sup>
Apricots, cherries, nectarines, peaches, plums, prunes	Peach twig borers San Jose scale Green peach aphid <sup>2</sup>

<sup>1</sup>For pear psylla, apply 8-12 lbs. Supracide 25WP + 4-8 gals. oil in a minimum of 100 gals. total spray per acre.

<sup>2</sup>For green peach aphid, apply 8 lbs. Supracide 25WP + 4-8 gals. oil per acre.

Aerial Application

See Table 2 for specific crops and insects. Apply 4-12 of Supracide 25WP in a minimum of 20 gals. of water per acre. Spray swath should be no wider than the distance between the tree rows or the length of the spray boom.





9 of 16

Table 2: Deciduous Fruits

Crop	Insects
Apples, pears	San Jose scale Rosy apple aphid
Apricots, cherries, nectarines, peaches, plums, prunes	Peach twig borers San Jose scale

Supracide 25WP + Oil

EPA-registered spray oils may be added to the spray mixture during the dormant/delayed period only. If applying less than 6 lbs. of Supracide 25WP per acre, at least 2 gallons of oil per acre must be added to the spray mixture. Do not apply more than 8 gals. of oil per acre by ground application or more than 5 gals. of oil per acre as an aerial spray.

Important: (1) Apply before any blossoms open or injury may occur. (2) To avoid illegal residues, do not graze treated areas or feed cover crops grown in treated areas to livestock.

Precaution: Do not use Supracide on Red Beaut plums.

Grapefruits, Lemons, Oranges, and other Citrus Fruits

Apply the recommended rates any time except during the bloom period or within 14 days of harvest. Preferred timing is during the immediate post bloom period, before fruit become infested. Use the low rate for light infestations and the high rate for moderate to heavy infestations. Properly calibrated application equipment is essential for uniform coverage. The total spray volume needed for the most effective scale control can best be determined by tree size, pest and crop conditions and local recommendations. Make no more than two applications per growing season and allow at least 45 days between applications. Severe infestations may require two applications.

California and Arizona: California red scale, black scale, purple scale, brown soft scale, cottony cushion scale, mealy bug. Apply 10-20 lbs. Supracide 25WP per acre in a minimum of 500 gals. of water. When using the 20 lb. rate of Supracide 25WP, apply in a minimum of 1,000 gals. of water.

Added as on Supracide 2E

Clarification of Gallonage per acre

*Added Citrus Continued as per Supracide 2E*

**Florida:** Chaff scale, glovers scale, purple scale, yellow scale, black scale, mealy bug, white fly, citrus black fly, and citrus leafminer. Apply 2 1/2-20 lbs. of Supracide 25WP per acre in a minimum of 250 gals. of water post bloom. When using the 20 lb. rate of Supracide 25WP, apply in a minimum of 1,000 gals. of water.

**Texas:** Brown soft scale, California red scale, chaff scale and mealy bug. Apply 6-25 lbs. of Supracide 25WP per acre in a minimum of 300 gals. of water in summer. Repeat application in the fall. When using the 20 lb. rate of Supracide 25WP, apply in a minimum of 1,000 gals. of water.

Supracide 25WP + Oil

Supracide 25WP may be tank mixed with EPA-registered spray oils. Refer to the above directions for pests controlled, rates of application and timing.

Florida/Texas

EPA-registered citrus spray oils may be tank mixed with Supracide 25WP. Do not apply more than 8 gals. of oil per acre.

California

EPA-registered citrus spray oils at the rates recommended on the spray oil label may be tank mixed with Supracide 25WP. When tank mixed with spray oils, Supracide 25WP rates can be reduced to 1/2 of the application rate of Supracide 25WP alone. Read and follow directions and precautions specified on the spray oil label.

Important:

To avoid illegal residues, (1) Do not apply more than 40 lbs./A in any one season. (2) Do not graze treated areas. (3) With oil, make no more than 2 applications per growing season nor apply within 60 days of harvest. (4) Lemons only, do not exceed 10 lbs./A or apply more than once per season when tank mixed with oil. (5) In coastal areas of California and other areas with no distinct bloom period, notify beekeepers prior to application. (6) Under heavy scale infestations and for optimal performance, a spray volume of 1,000 gals. per acre is suggested. Consult the California citrus spray guide for additional information.

*Added for Clarification of water and oil volumes per acre*

Olives

**Black scale:** Apply 8-12 lbs. of Supracide 25WP in a minimum of 400 gals. of water per acre. Properly calibrated application equipment is essential for uniform coverage. Apply once during the post-harvest or pre-bloom period. EPA-registered spray oils

*Added as per Supracide 2E*

11/8/16

Olives  
continued  
Added  
as  
per  
Supracide  
2E

may be added to the spray mixture. Do not apply more than 6 gals. of oil per acre.

Notes: To avoid illegal residues, (1) Do not apply more than 12 lbs./A per year. (2) Do not apply after buds break. (3) Do not graze treated areas or feed cover crops grown in treated areas to livestock.

Pecans (Southern U.S. only)

Apply the appropriate rate listed below as a full cover spray in sufficient water to obtain good coverage using a minimum spray volume of 200 gals./A.

Yellow pecan aphid: Apply 8 lbs./A. Repeat as necessary at 14-21 day intervals.

Hickory shuckworm, serpentine leafminer: Apply 8-16 lbs./A when insects or damage first appear. Repeat as necessary at 14-21 day intervals. Use the high rate for severe infestations.

When using the 16 lb. rate of Supracide 25WP, apply in a minimum of 400 gals. of water.

Precaution: Do not tank mix with Cyprex® as injury may occur.

Notes: To avoid illegal residues, (1) Do not apply within 60 days of harvest. (2) Do not graze treated areas. (3) Make no more than two applications per season.

Safflowers

Lygus bugs, thrips: Apply 2 lbs./A in a minimum of 20 gals. of water by ground application or a minimum of 5 gals. of water by aerial application. Begin applications either at bud stage, 12-14 days before onset of bloom, or as infestations develop. Additional applications can be made on a 7-14 day schedule or as further infestations develop.

Notes: To avoid illegal residues, (1) Do not apply within 29 days of harvest. (2) Do not make more than 3 applications per year. (3) Do not graze treated areas.

Walnuts

Apply the recommended rate during the dormant or delayed dormant period (or as a cover spray) when insects appear. Use the low rate for light infestations and the high rate for moderate to heavy infestations. Properly calibrated application equipment is essential for uniform coverage.

Added  
C<sub>1</sub> per  
Supracide  
2E

Added  
for  
clarification  
of water  
and for  
oil  
volumes  
per  
acre

Added  
as  
per  
Supracide  
2E

Added  
cover  
spray

Ground Application

Walnut scale, frosted scale, Italian pear scale: Apply 4-12 lbs. of Supracide 25WP in a minimum of 50 gals. of water per acre. For applications at less than 6 lbs./A tank mix with the appropriate amount of EPA-registered oil listed below under Supracide 25WP + Oil.

Added  
pests

Codling moth, walnut aphid: Aphid 4-12 lbs. of Supracide 25WP in a minimum of 50 gals. of water per acre.

Aerial Application

Walnut scale, frosted scale, codling moth, walnut aphid: Apply 6-12 lbs. of Supracide 25WP in a minimum of 20 gals. of water per acre. Spray swath should be no wider than the distance between the tree rows or the length of the spray boom.

Supracide 25WP + Oil

EPA-registered spray oils may be added to the spray mixture during the dormant/delayed dormant period only. If applying less than 6 lbs. of Supracide 25WP per acre, at least 2 gals. of oil per acre must be added to the spray mixture. Do not apply more than 8 gals. of oil per acre by ground application or more than 5 gals. of oil per acre as an aerial spray.

Important: To avoid illegal residues, (1) Make no more than one application during the dormant or delayed dormant period; nor more than two cover sprays each season; (2) Do not apply within 7 days of harvest; (3) Do not graze treated areas or feed cover crops grown in treated areas to livestock.

Precaution: Do not add oil to Supracide sprays to walnuts in southern or central California or to trees that may be subject to stress due to drought, drying winds, disease, or severe insect infestations.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

Storage

Store in a cool, dry place. Do not store this product under wet conditions. Handle outer packaging carefully to avoid breakage of inner soluble pouches.

Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be used according to label



instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Disposal

Do not reuse outer container. Dispose of empty outer container in a sanitary landfill, by incineration, or by burning, if allowed by state and local authorities. Stay out of smoke from burning containers.

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.

17-816

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING/AVISO

May be fatal if swallowed or inhaled. Do not breathe dust or spray mist. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Keep out of reach of children and domestic animals.

Statement of Practical Treatment

This product is an organophosphate.

If swallowed: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching the back of throat with finger, or, if available, by administering syrup of ipecac. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

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

Note to Physician

Supracide 25WP is an organophosphate (cholinesterase inhibiting) insecticide. If swallowed, induce emesis or lavage stomach. Atropine sulfate and 2-PAM are specific antidotes.

**Personal Protective Equipment**

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- For exposure in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)
- For exposure outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

**Engineering Control Statements**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**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.

16/10

Environmental Hazards

This pesticide is toxic to fish and wildlife. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated crop. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treated areas. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

Physical or Chemical Hazards

Do not use or store near heat, open flame, or hot surfaces. Do not store this product under wet conditions. Handle outer packaging carefully to avoid breakage of inner soluble pouches.

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Cyprex® trademark of American Cyanamid

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

CGA 133L3C (NEW DRAFT)

[GANNONC.LABELS]SUP25W-B - 7/11/94

16