

AUG 29 2000

Ms. Rebecca A. Lamas  
Registration Specialist  
Gowan Company LLC  
P.O. Box 5569  
Yuma, AZ 85366-5569

Dear Ms. Lamas:

Subject: Revised labeling to delete use on sorghum and tobacco; reduce application rate on citrus; change "Inert Ingredients" to "Other Ingredients"; revise respirator language  
Supracide 2E  
EPA Reg. No. 10163-236  
Your submissions dated September 21, 1999; October 28, 1999;  
and November 23, 1999

Revised labeling referred to above, and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the label changes listed below before you release the product for shipment bearing the amended labeling:

1. Indicate container size and net contents on the front panel.
2. Indicate the reason for restricted use classification in the Restricted Use Pesticide box on the front panel.
3. It appears that this product is being marketed in various size containers: two and a half gallon; bulk pack; farm pack; and maybe other container sizes also. Clarify this issue and add a master label statement to the front panel, right above product name, to this effect.
4. Based on which exposure route resulted in the signal word Danger with skull and cross bones motif, either place the Statement of Practical Treatment on the front panel, or add a referral statement to the front panel, in close proximity to the signal word. The Statement of Practical Treatment must appear on the front panel for all products classified as toxicity category I for acute oral, acute dermal, or acute inhalation exposure. This statement triggered

by any other exposure classification may appear on the front , side, or back panel of the product label. However, anytime the Statement of Practical Treatment appears somewhere other than on the front panel, a referral statement must appear on the front panel, in close proximity to the signal word, regarding its location.

5. On the front panel, the last portion of list of registered uses should be revised as follows: add the word "and" before sunflowers and delete the semi-colon right after sunflowers.

6. You have added text for the booklet back cover for 2.5 gallon on page 19, which is repetitive of text given elsewhere on the label, and it lacks the Worker Protection Standard (WPS) statements regarding personal protective equipment and user safety recommendations. Please explain the reason for including this text on the back cover without the WPS statements, or delete the repetitious statements.

A stamped copy of the label is enclosed for your records. Submit five (5) copies of the 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 section 6(a). If you have any questions regarding this letter, do not hesitate to send an e-mail or call me at (703) 308-8291.

Sincerely yours,

*Rita Kumar*

Rita Kumar  
Senior Regulatory Specialist  
Insecticide Rodenticide Branch  
Registration Division (7505C)  
e-mai: kumar.rita@epa.gov

Enclosure

**WPS**

**MASTER BOOKLET - 2 1/2 GALLON AND BULK**

(BOOKLET FRONT COVER FOR 2 1/2 GAL.)

**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® 2E  
INSECTICIDE-MITICIDE

For control of certain insects of  
artichokes; certain citrus, fruits and nuts;  
cotton; nursery stock; olives; safflowers;  
sunflowers;

Active Ingredient:

Methidathion: O,O-dimethyl phosphorodithioate, S-ester with 4-(mercaptomethyl)-2-methoxy- Δ <sup>2</sup> -1,3,4-thiadiazolin-5-one .....	24.4%
<u>Other Ingredient:</u>	<u>75.6%</u>
Total:	100.0%

Supracide 2E contains 2 lbs.  
active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
AUG 29 2000

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
10163-236

**DANGER/PELIGRO**

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 and directions for use  
inside booklet.

EPA Reg. 10163-236  
EPA Est. 67545-AZ-1

See directions for use inside booklet.

Ciba-Geigy

Supracide® trademark of Novartis

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 Gowan or the Seller. All such risks shall be assumed by the Buyer.

Gowan 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. Gowan makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Gowan or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Gowan 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 Gowan .

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 2E is applied at rates  $\leq$  2 lb. a.i./A or 14 days when Supracide 2E is applied at rates  $>$  2 lb. a.i./A and up to the maximum label rate of 5 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
- Chemical-resistant gloves, such as barrier laminate or viton
- Shoes plus socks
- Protective eyewear

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

General Information

Supracide 2E is an emulsifiable concentrate which when applied according to the Directions for Use will control certain insect pests and mites on agricultural crops. Do not apply Supracide 2E at a rate exceeding 5 lbs. ai/A.

Mixing Procedures

- (1) Be sure sprayer is clean; if it is contaminated with any material, crop injury or sprayer clogging may result.
- (2) Fill tank 1/4-1/2 full with clean water, and start agitation.
- (3) Be certain that the agitation system is working properly and creates a rippling or rolling action on the liquid surface.
- (4) Add Supracide 2E to the tank. Then add tank mix ingredients.
- (5) Complete filling tank, maintaining sufficient agitation at all times to ensure surface action. This applies to both spray and nurse tanks.
- (6) Do not leave tank mixtures in the tank without adequate agitation. Always maintain agitation to avoid separation and buildup of residues. If a residue starts to build up in tank, drain and clean with strong detergent and ammonia solution and rinse thoroughly with clean water.
- (7) Immediately after use, clean sprayer thoroughly by flushing system with water containing a detergent and rinse with clean water.

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

Rate Conversion: 1 pt. Supracide 2E = 1/4 lb. active ingredient (ai).

Almonds

Dilute and Concentrate Sprays

Peach twig borer, San Jose scale, brown almond mite: Apply during the dormant or delayed dormant period, or as a cover spray. Mix a dilute spray at the rate of 1-2 pts. per 100 gals. of water and apply 300-600 gals./A. If applying as a concentrate spray\*, apply 3-12 pts./A in a minimum of 50 gals. of water per acre. For rates less than 2 pts. of Supracide 2E per 100 gals., tank mix with EPA-registered oil.

When concentrate applications are made, proper equipment must be used to obtain uniform coverage.

Aerial Sprays

Peach twig borer, San Jose scale: Apply during the dormant or delayed dormant period and use 6-12 pts./A as an aerial spray\* in a minimum of 20 gals. of spray per acre. Spray swath should be no wider than the distance between the tree rows or the length of the spray boom.

EPA-registered oils may be added to the Supracide 2E spray mixture in the dormant/delayed dormant period. Do not use more than 1.5 gals. of oil per 100 gals. spray as a dilute spray or 6 gals. of oil per acre as a concentrate spray or 5 gals. of oil per acre as an aerial spray.

\*The rate of Supracide 2E for concentrate and aerial sprays is based on a dilute spray with conventional ground equipment. A dilute spray is considered to be 300-600 gals./A. This amounts to a minimum of 6 pts. and a maximum of 12 pts. of Supracide 2E per acre.

Notes: To avoid illegal residues, (1) Do not make more than one application during the dormant or delayed dormant period nor more than one cover spray each season. (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 dormant/delayed dormant application before any blossoms open, or injury may occur. Do not combine with oils in the cover spray, or injury or excessive residues may occur. The cover spray of Supracide 2E may be slightly phytotoxic on some almond varieties.

Artichokes

Apply in a minimum of 50 gals. of water with ground equipment or a minimum of 10 gals. of water by air. 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.

Artichoke plume moth, chrysanthemum leafminer: Apply 4 pts./A.

**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.

### Cotton

Apply in a minimum of 10 gals. of water with ground equipment or in a minimum of 3 gals. of water by air unless otherwise specified.

Spider mites, boll weevil, bollworm: Apply 4 pts./A. Repeat applications at 5-7 day intervals if necessary.

Lygus bug: (AZ and CA only) Apply 2-4 pts./A. Use the low rate for light to moderate infestations and the high rate for moderate to heavy infestations. Repeat applications if necessary.

Pink bollworm: (AZ and CA only) Apply 2 pts./A. Repeat applications at 5-7 day intervals if necessary.

Bandedwing whitefly: (mid-South and southeast United States only) Apply 1-2 pts./A. Use the low rate for light to moderate infestations and the high rate for moderate to heavy infestations. Repeat applications if necessary.

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

### Deciduous Fruit

#### Dilute and Concentrate Sprays

See Table 1 for specific crops and insects. Apply during the dormant or delayed dormant period. Use a rate of 1-2 pts. per 100 gals. of water as a dilute spray (300-600 gals./A) or a rate of 3-12 pts./A as a concentrate spray\* (a minimum of 50 gals. of water per acre). The lower rates may be used for light infestations and the higher rates for moderate to heavy infestations. For rates less than 2 pts. of Supracide 2E per 100 gals., tank mix with an EPA-registered oil.

When concentrate applications are made, proper equipment must be used to obtain uniform coverage.

Table 1: Deciduous Fruits

Crop	Insects
Apples	San Jose scale, rosy apple aphid
Cherries, pears	San Jose scale
Nectarines, peaches, plums, prunes	Peach twig borer, San Jose scale, Green peach aphid <sup>1</sup>
Apricots	Peach twig borer
Pears <sup>2</sup>	Pear psylla <sup>3</sup>

<sup>1</sup>For green peach aphid, use 8 pts. Supracide 2E + 4 gals. oil per acre or 12 pts. Supracide 2E per acre alone.

<sup>2</sup>CA only.

<sup>3</sup>For pear psylla, use 8-12 pts. Supracide 2E + 4-6 gals. oil in a minimum of 100 gals. total spray per acre.

Aerial Sprays

See Table 2 for specific crops and insects. Apply during the dormant or delayed dormant period and use 3-12 pts./A as an aerial spray\* in a minimum of 20 gals. total spray per acre. Spray swath should be no wider than the distance between the tree rows or the length of the spray boom. The lower rates may be used for light infestations and the higher rates for moderate to heavy infestations. For rates less than 2 pts. of Supracide 2E per 100 gals., tank mix with an EPA-registered oil.

Table 2: Deciduous Fruits

Crop	Insects
Apples	San Jose scale, rosy apple aphid
Peaches, plums, prunes nectarines, apricots	Peach twig borer, San Jose scale
Cherries, pears	San Jose scale

EPA-registered oils may be added to the Supracide 2E spray mixture in the dormant/delayed dormant period. Do not use more than 1.5 gals. of oil per 100 gals. spray as a dilute spray or 6 gals. of oil per acre as a concentrate spray or 5 gals. of oil per acre as an aerial spray.

\*The rate of Supracide 2E for concentrate and aerial sprays is based on a dilute spray with conventional ground equipment. A dilute spray is considered to be 300-600 gals./A. This amounts to a minimum of 3 pts. and a maximum of 12 pts. of Supracide 2E per acre.

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

Precaution: Supracide 2E may be used on Red Beaut plums only as a dormant application. Do not apply Supracide 2E to Red Beaut plums during the delayed dormant growth stage.

Grapefruits, Lemons, Oranges, and Other Citrus Fruits

Supracide 2E Alone

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 becomes infested. Use the low rate for light infestations and the high rate for moderate to heavy infestations. Thorough coverage is essential for good control.

Make no more than 2 applications per growing season and allow at least 45 days between applications. Severe infestations may require 2 treatments.

California red scale: (AZ and CA only) Apply 1-2 pts. per 100 gals. of water.

Black scale: (CA only) Apply 1-2 pts. per 100 gals. of water.

Chaff, Glovers, purple, snow, yellow scale, and mealybug: (FL only) Apply 1/2-2 pts. per 100 gals. of water.

Black scale, whiteflies, and citrus blackfly: (FL only) Apply 1-2 pts. per 100 gals. of water.

Brown soft, California red, chaff scale, and mealybug: (TX only) Apply 1/2-2 pts. per 100 gals. of water.

The minimum amount of Supracide 2E applied per acre is dependent upon the number of trees per acre and upon tree height. See the example below.

Example: Mature trees of normal foliage require a minimum of 5 gals. of spray plus one additional gallon for each foot of tree height for adequate coverage. Eighty trees per acre 20 ft. tall require  $80 \times 25 = 2,000$  gals. of dilute spray per acre.

Notes: To avoid illegal residues, (1) Do not apply more than 20 pts./A. (2) Do not graze treated areas. (3) Make no more than 2 applications per growing season nor apply within 14 days of harvest.

Supracide 2E + Oil

In FL and TX, EPA-registered citrus spray oils at rates of 2-4 qts. per 100 gals. of water may be tank mixed with Supracide 2E following the rates and timing listed above for Supracide 2E alone.

In CA, EPA-registered citrus spray oils at rates listed below may be tank mixed with Supracide 2E. See the above directions for rates and timing. A rate of 1/2 pt. of Supracide 2E per 100 gals. of water may be used if tank mixed with oil.

<u>Type of oil</u>	<u>Amount per 100 gals. of water</u>
Light - medium grade	1.6 - 1.8 gals.
Medium grade	1.6 - 1.8 gals.
Narrow - range 415 grade	1.2 - 1.4 gals.

For further details, consult the current University of California Citrus Treatment Guide.

**Notes:** To avoid illegal residues, (1) Do not apply more than 20 pts. of Supracide 2E per acre in any one season. (2) Do not graze treated areas. (3) Make no more than 2 applications with oil per growing season nor apply within 60 days of harvest. (4) Lemons only, do not exceed 10 pts./A or apply more than once per season when tank mixed with oil.

Mangoes

Apply during the postharvest to bloom stage with ground equipment in 100 gals. of spray mixture per acre. Spray foliage to thoroughly wet upper and lower leaf surface. Repeat as needed at 3 week intervals.

False oleander scale, Pseudaulacaspis cockerelli (cooley):  
Apply 1/2-1 pt. and 0.5% oil per acre.

**Notes:** To avoid illegal residues, (1) Do not exceed 5 applications per season. (2) Do not graze or feed cover crops from treated groves.

Nursery Stock (woody ornamental or herbaceous plants commercially grown for transplanting)

Apply at the rate listed below in a thorough cover spray to runoff. Thorough coverage and timing of application are essential for effective control.

To control scale insects on nursery stock, including both potted and field grown plants, apply 2 pts. per 100 gals. of water once per season after scale crawlers have hatched. Monitor populations closely to determine when crawlers are present.

Because of changing cultivars in the nursery industry, test each new cultivar for phytotoxicity by treating one plant with the recommended rate at least 2 days prior to treatment of the remaining plants.

Olives

Apply once during the postharvest or prebloom season at the rate listed below as a full cover spray in a minimum of 400 gals. of water per acre. Supreme or superior type oil may be added to the spray mixture at the rate of 1-1.5 gals. per 100 gals. of water.

Black scale: Apply 2 pts. per 100 gals.

**Notes:** To avoid illegal residues, (1) Do not apply more than 12 pts./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 (Southeastern U.S. Only)

Apply the appropriate rate listed below as a foliar or full cover spray in sufficient water for thorough coverage.

Yellow pecan aphid: Apply 2 pts. per 100 gals. and repeat as necessary at 14-21 day intervals.

Hickory shuckworm and pecan serpentine leafminer: Apply 2-4 pts. per 100 gals. when insects first appear or leafminer damage first appears and repeat as necessary at 14-21 day intervals. Use the 4 pt. per 100 gals. rate when infestations are heavy.

Precaution: Do not tank mix Supracide 2E with Cyprex® as phytotoxicity may result.

Notes: To avoid illegal residues, (1) Do not apply within 60 days of harvest. (2) Do not graze treated areas.

Safflowers

Apply in a minimum of 20 gals. of water by ground equipment or in a minimum of 5 gals. of water by air.

Lygus bugs and thrips: Apply 2 pts./A. 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 28 days of harvest. (2) Do not make more than 3 applications per year. (3) Do not graze treated areas.

Sunflowers

Apply 2 pts./A. Make ground application in a minimum of 10 gals. of water per acre; aerial application in a minimum of 5 gals. of water per acre. Thorough coverage of the heads is necessary. One to three applications may be made on a 7-day schedule. The number of applications will be determined by the severity of the infestations.

Stem weevil\*: Begin applications in early season at vegetative stage 2.3 (third alternate leaf developed) to vegetative stage 3.1 (inflorescence head visible but tightly surrounded by young leaves).

Sunflower moth, seed weevil\*\*, banded sunflower moth, and sunflower maggot complex: Begin applications at the onset of bloom as the infestations develop.

Sunflower seed midge: Begin applications during early bud development.

\*Cylindrocopturus adspersus and Apion occidentalis.

\*\*Smicronyx fulvus and Smicronyx sordidus.

Notes: To avoid illegal residues, (1) Do not apply within 50 days of harvest. (2) Do not graze treated areas or feed treated forage to livestock.

Walnuts

Dilute and Concentrate Sprays

Walnut scale, frosted scale, Italian pear scale: Apply during the dormant or delayed dormant period or as a cover spray when crawlers appear.

Codling moth, walnut aphid: Apply as a cover spray according to moth activity or when aphids appear.

Use a rate of 1-2 pts. per 100 gals. of water as a dilute spray (400 gals./A), or a rate of 4-8 pts./A as a concentrate spray\* (a minimum of 100 gals. of water per acre).

When concentrate applications are made, proper equipment must be used to obtain uniform coverage. If scale infestations are severe, dilute applications should be used.

Aerial Sprays

Walnut scale, frosted scale: Apply during the dormant or delayed dormant period and use 8 pts./A as an aerial spray\* in a minimum of 20 gals. of spray per acre.

Codling Moth: Apply as a cover spray and use in 4-8 pts./A in an aerial spray\* in a minimum of 20 gals. of spray per acre.

Spray swath should be no wider than the distance between the tree rows or the length of the spray boom.

EPA-registered oils may be added to the Supracide 2E spray mixture in the dormant/delayed dormant period. Do not use more than 1 gal. of oil per acre in concentrate and aerial sprays or 4 gals. of oil per acre in dilute sprays.

\*The rate of Supracide 2E for concentrate and aerial sprays is based on a dilute spray with conventional ground equipment. A dilute spray is considered to be 400 gals./A. This amounts to 4-8 pts. of Supracide 2E per acre.

Notes: To avoid illegal residues, (1) Make no more than one application during the dormant or delayed dormant period nor more than 2 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 2E sprays to walnuts in southern or central CA 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.

(For all except bulk):

Storage: Store at temperatures above 40°F. Crystals may form at lower storage temperatures. If this occurs, place the product in a warm room (68°F or above) and roll or shake the



container at frequent intervals until all crystals are dissolved.

(For bulk):

Storage: Store at temperatures above 40°F. Crystals may form at lower storage temperatures. If this occurs, crystals will dissolve if product is placed in a warm environment (68°F or above) and recirculated.

(For all):

Pouring the product through a 50-mesh or finer screen will indicate adequacy of or need to repeat above procedure. Do not store near food, feed, or fertilizer. Do not use or store in or around the home.

Pesticide and Container Disposal: Pesticide wastes are acutely hazardous. Improper disposal of unused pesticide, spray mixture, or rinse water 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.

(For 2 1/2 gal.):

Triple rinse container (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. Stay out of smoke from burning containers.

For Farm-Pak & Bulk

Refer to the product container label for specific container disposal directions.

(For all):

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 procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-228-5635 Ext. 283 day or night.

Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER/PELIGRO

Corrosive. Causes irreversible eye damage. May cause skin irritation. Do not get in eyes, on skin, or on clothing. May be harmful or fatal if swallowed or absorbed through skin. Do not breathe vapor or spray mist. Prolonged or repeated inhalation may be harmful. Keep out of reach of children and domestic animals.

Statement of Practical Treatment

This product is an organophosphate.

If in eyes: Flush with plenty of water. Get medical attention.

If swallowed: Call a physician or poison control center immediately. DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, do so under medical supervision. Give victim 1 or 2 glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: Remove contaminated clothing and wash skin with plenty of soap and water. Get medical attention.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth unless exposure was due to swallowing; then use cardiopulmonary resuscitation (CPR). Get medical attention.

Note to Physician: Lavage stomach with care to prevent aspiration into lungs. After lavage, instill and leave 30 gm. activated charcoal in 3-4 oz. of water. Atropine sulfate and 2-PAM are specific antidotes. Morphine, theophylline, aminophylline, and large amounts of intravenous fluids are contraindicated.

### **Personal Protective Equipment**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category G on an EPA chemical resistance category selection chart.

#### **Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate or viton
- Shoes plus socks
- Protective eyewear
- For exposure in enclosed areas: a respirator with an organic-vapor removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE pre-filter.
- For exposure outdoors: a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P or HE filter.

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.

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 by cleaning of equipment or disposal of wastes.

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 area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

Physical and Chemical Hazards

Do not use, pour, spill, or store near heat or open flame.

Supracide® trademark of Novartis Corporation

Cyprex® trademark of American Cyanamid

(BOOKLET BACK COVER FOR 2 1/2 GAL.)

**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® 2E  
INSECTICIDE-MITICIDE

For control of certain insects of  
artichokes; certain citrus, fruits and nuts;  
cotton; nursery stock; olives; safflowers;  
sunflowers;

2 1/2 Gallons  
U.S. Standard Measure

Active Ingredient:

Methidathion: O,O-dimethyl phosphorodithioate,  
 S-ester with 4-(mercaptomethyl)-2-methoxy-  
 $\Delta^2$ -1,3,4-thiadiazolin-5-one ..... 24.4%

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Inert Ingredients: ..... 75.6%

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Total: ..... 100.0%

Supracide 2E contains 2 lbs.  
active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN.

DANGER/PELIGRO

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.)

Precautionary Statements

Hazards to Humans and Domestic Animals

Corrosive. Causes irreversible eye damage. May cause skin  
irritation. Do not get in eyes, on skin, or on clothing.

May be harmful or fatal if swallowed or absorbed through skin.  
Do not breathe vapor or spray mist. Prolonged or repeated inha-  
lation may be harmful. Keep out of reach of children and domes-  
tic animals.

Statement of Practical Treatment

This product is an organophosphate.

If in eyes: Flush with plenty of water. Get medical attention immediately.

If swallowed: Call a physician or poison control center immediately. DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, do so under medical supervision. Give victim 1 or 2 glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: Remove contaminated clothing and wash skin with plenty of soap and water. Get medical attention.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth unless exposure was due to swallowing; then use cardiopulmonary resuscitation (CPR). Get medical attention.

Note to Physician: Lavage stomach with care to prevent aspiration into lungs. After lavage, instill and leave 30 gm. activated charcoal in 3-4 oz. of water. Atropine sulfate and 2-PAM are specific antidotes. Morphine, theophylline, aminophylline, and large amounts of intravenous fluids are contraindicated.

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 by cleaning of equipment or disposal of wastes.

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 area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

Chemigation

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

Physical and Chemical Hazards

Do not use, pour, spill, or store near heat or open flame.

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Supracide® trademark of Ciba-Geigy Corporation

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EPA Reg. No. 10163-236

EPA Est. 67545-AZ-1

See directions for use in attached booklet.

**AGRICULTURAL USE REQUIREMENTS**

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.

Supracide 2E

EPA Reg. No. 10163-236

Changes in typed label:

2/29/84

Added farmworker safety statements and revised storage and disposal statements.

11/26/84

Numerous changes. Generic label changes. Added mixing procedures. Low rates on d-fruit. Rosy apple aphid added. Deleted western U.S. only restriction on d-fruit. Added several 24(c) registrations. Deleted catkin expansion statement on walnuts. Deleted patent nos.

1/18/85

Revised alfalfa section to reinstate Calif. and to change pre-harvest interval to 14 days. Changed copyright to 1985.

3/25/85

Added language for bulk booklet.

11/20/86

Deleted "Xylene range aromatic solvent" from active ingredients and changed inert % to 75.6%. Changed copyright date to 1986. Deleted "harvesting" in alfalfa feeding restriction. Added tank mix with Acaraben 4E in Grapefruit and Oranges section. Added Acaraben trademark statement.

6/24/87

Added Endangered Species statement and chemigation prohibition statement.

10/20/87

Added revised directions for use in Citrus section(s) - oranges, grapefruit and lemons.

2/4/88

Deleted Endangered Species statements.

2/28/89

Added language in alfalfa section to include use on pure stands



of Timothy Grass; added Farm-Pak disposal statement; incorporated Environmental Hazard language required by EPA; revised directions for use on almonds; and added directions for use on nursery stock.

5/31/89

Revised reentry statement added. Citrus section changed to reflect citrus group tolerance established 5/4/88. Removed reference to discontinue tank mix partner Acaraben.

11/16/89

CA reentry statement inserted into text.

3/13/91

Dropped alfalfa.

9/7/93

WPS changes.

1/10/94

Walnut DFUs: reduced rate range and aerial cover sprays added.

9/21/99

Deleted uses for sorghum and tobacco. Revised respirator language. Changed references from Ciba-Geigy/Novartis to Gowan Company.

10/28/99

Reduced citrus rate from a maximum of 40 pts/A to a maximum of 20 pts/A (5 pounds A.I.). Changed "Inert" Ingredients to "Other".

11/23/99

Pages 4 and 5, changed rate from 10 lbs. a.i./A to 5 lbs. a.i./A for maximum label rate.

EPA Text Pending: Supracde 2E (to EPA 11-23-99)