

# 2014 TEHAMA COUNTY PRUNE DAY



Regulatory Update  
Tehama County Ag Department

**Doug Compton**

Tehama County  
Dept. of Agriculture  
February 21, 2014

# Continuing Ed Credit



- 0.5 hour - Laws & Regs; 1.5 – hours other
- Valid for Private Applicators, QAL, PCA, Etc.  
Also CCA credit
- Be sure to sign in before you leave
- Get a receipt if you're from out of county

# Permits

- Please call to make an appointment
- Must be signed by owner/operator or authorized agent
- Third year for new permit program



# Soil Fumigant Restrictions

EPA Phase I changes (1/1/11)-  
GAPs, PPE, FMPs



- Respiratory Protection required for some formulations; sensory triggers for others

Fumigation Management Plans required can be found here:

[www.cdpr.ca.gov/docs/enforce/prenffrm/dpr-enf-227.pdf](http://www.cdpr.ca.gov/docs/enforce/prenffrm/dpr-enf-227.pdf)

# Soil Fumigant Restrictions

EPA Phase II changes (1/1/12)-

- Buffer zones dependent on rate, acreage and modifications
- Notifications of surrounding properties
- Online training for certified applicator

[www.epa.gov/pesticides/reregistration/soil\\_fumigants/soil-fum-handlers.html](http://www.epa.gov/pesticides/reregistration/soil_fumigants/soil-fum-handlers.html)



# California vs Federal

- CDPR working to reconcile differences in state vs. federal requirements
- With Methyl Bromide, we can use existing buffer zones
- Otherwise, we must use most stringent between label and state regulations





# Tree Hole Fumigation

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Still available for some materials

Methyl Bromide    Telone    Chloropicrin

All regulations for field fumigation are in place (FMP, Respiratory Protection, Training, etc), so it can be difficult for private applicators to meet all requirements.

Commercial applicators are performing these types of spot fumigations.



# Tree Hole Fumigation-Dazomet

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- Labeled material (Basamid G) prohibits use of hand held equipment
- Working with registrant (AMVAC)
- Would still need to complete Fumigation Mgmt Plan and become certified online-CAC will assist you



# Respiratory Protection

- Regulation has been in place for three years
- Applies to employees required to wear respirators



# Respiratory Protection

- Written training program-annual
- Medical evaluation-renew if changes in health
- Fit test-annual



# Respiratory Protection

- Voluntary respirator use has minimal requirements

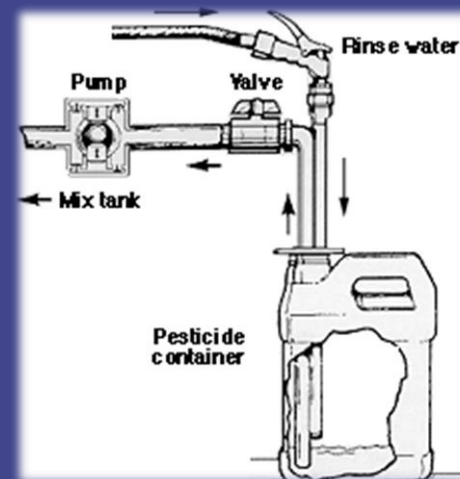


- No longer any approved cabs for respiratory protection



# Closed System

- Required for employees mixing/loading category I liquids or minimal exposure pesticides
- Some manufactured closed systems now meet DPR criteria
- Can use water soluble bag, owner mix or fabricate own system (it must be approved by CAC)



# Closed System

- CDPR looking at revising this regulation
- Original regulation dealt with many acutely toxic liquids (there are very few of these left)
- Will address those materials that are most hazardous by dermal contact
- Concept is to base requirement on dermal exposure rather than Signal Word

# What to Look for on Labels



## ORCHARD STAR<sup>®</sup> Herbicide

For selective control of many broadcast weeds in orchard floors (apple, pear, stone fruit and nut).

Manufactured by:  
**ALBAUGH, INC.**  
1525 NE 36th Street  
Ankeny, Iowa 50021

FOR CHEMICAL SPILL, LEAK,  
FIRE, OR EXPOSURE, CALL  
CHEMTREC (800) 424-9300

### SPECIMEN LABEL

<b>ACTIVE INGREDIENT:</b>	
Dimethylamine salt of 2,4-dichlorophenoxyacetic acid	46.8%
<b>OTHER INGREDIENTS</b> .....	
	53.2%
<b>TOTAL</b> .....	100.0%
Equivalent to 38.9% of 2,4-dichlorophenoxyacetic acid or 38 lbs./gal. Isomer specific by AOC Method	
EPA Reg. No. 42750-19	EPA Est. No. 42750-MO-001

### 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 this label, find someone to explain it to you in detail.)

FIRST AID	
<b>F INEYES:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>F SWALLOWED:</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>F ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>F INHALED:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>

#### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-438-9300 for emergency medical treatment information.

#### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

See inside booklet for additional PRECAUTIONARY STATEMENTS.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes or on clothing. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are butyl rubber, natural rubber, neoprene or nitrile rubber. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators, flaggers, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes and socks
- Chemical-resistant gloves (except for pilots)
- Chemical-resistant apron when applying with any handheld nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate
- Protective eyewear (goggles or face shield).

See Engineering Controls for additional requirements.

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 exist, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.

### ENGINEERING CONTROLS STATEMENTS

Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240 (d)(6)].

When handlers use 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 (c)(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/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide may be toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwaters or rinsate. Apply this product only as directed on label.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a distem or well may result in contamination of drinking water or groundwater.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides, or fungicides. Redose all partially used containers by thoroughly tightening screw cap. Absorb any spill with a suitable clay absorbent and dispose of as indicated under Pesticide Disposal.

Protect from freezing. If stored below freezing, the product must be warmed to at least 70 °F and agitated before using. This does not affect the efficiency of the product.

For safety and prevention of unauthorized use, all pesticides should be stored in locked facilities. To prevent accidental misuse, different pesticides should be stored in separate areas with enough distance between to provide clear identification.

Opened, partially used pesticides should be stored in original labeled containers when possible. When transfer to another container is necessary because of leakage or damage, carefully mark and identify contents of the new container.

(continued)

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

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### PERSONAL PROTECTIVE EQUIPMENT

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All mixers, loaders, applicators, bladders, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes and socks
- Chemical-resistant gloves (except for pilots)
- Chemical-resistant apron when applying with any hand-held nozzle or equipment, mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate
- Protective eyewear (goggles or face shield).

See Engineering Controls for additional requirements.

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 exist, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.

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Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides, or fungicides. Reduce all partially used containers by thoroughly tightening screw cap. Absorb any spill with a suitable clay absorbent and dispose of as indicated under Pesticide Disposal.

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(continued)

**Agri Star**<sup>®</sup>  
By Albaugh Inc.

## ORCHARD STAR<sup>®</sup> Herbicide

For selective control of many broadcast weeds in orchard floors (apple, pear, stone fruit and nut).

Manufactured by:  
**ALBAUGH, INC.**  
1525 NE 36th Street  
Ankeny, Iowa 50021

FOR CHEMICAL SPILL, LEAK,  
FIRE, OR EXPOSURE, CALL  
CHEMTREC (800) 424-9300

ACTIVE INGREDIENT: Dimethylamine salt of 2,4-dichlorophenoxyacetic acid	45.8%
OTHER INGREDIENTS	53.2%
TOTAL	100.0%

Equivalent to 38.59% of 2,4-dichlorophenoxyacetic acid or 35.6% a.i. (a.i. = active ingredient)  
EPA Reg. No. 42750-19 EPA Est. No. 42750-MA-001

### 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.)

FIRST AID	
<b>IF IN EYES:</b>	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
<b>IF SWALLOWED:</b>	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
<b>IF ON SKIN OR CLOTHING:</b>	• Take off contaminated clothing. • Flush skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
<b>IF INHALED:</b>	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.

**NOT FOR HOME USE**  
Have the product outside or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

**NOTE TO PHYSICIAN**  
Possible mucosal damage may contraindicate the use of gastric lavage.

See inside booklet for additional PRECAUTIONARY STATEMENTS.

# RESTRICTED USE PESTICIDE

**DUE TO AQUATIC TOXICITY, AMIAN HAZARD, ACUTE ORAL TOXICITY AND EYE CORROSIVITY HAZARD**

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.

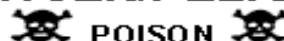
## SUPRACIDE® 2E INSECTICIDE

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

ACTIVE INGREDIENT:	% BY WT.
Methidathion: O,O-dimethyl phosphorodithioate, S-ester with 4-(mercaptomethyl)-2-methoxy- $\Delta^2$ -1,3,4thiadiazolin-5-one	24.4%
OTHER INGREDIENTS	75.6%
TOTAL	100.0%

Supracide 2E contains 2 lbs. active ingredient per gallon.  
Contains Petroleum Distillate

**KEEP OUT OF REACH OF CHILDREN  
DANGER/PELIGRO**



**POISON**

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.)

### FIRST AID

<b>If in eyes</b>	<ul style="list-style-type: none"><li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>
<b>If swallowed</b>	<ul style="list-style-type: none"><li>Call a poison control center or doctor immediately for treatment advice.</li><li>Have person sip a glass of water if able to swallow.</li><li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>Do not give anything by mouth to an unconscious person.</li></ul>
<b>If inhaled</b>	<ul style="list-style-type: none"><li>Move person to fresh air.</li><li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>Call a poison control center or doctor for further treatment advice.</li></ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"><li>Take off contaminated clothing.</li><li>Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-888-478-0798 for emergency medical treatment information.

### NOTE TO PHYSICIAN

This product may pose an aspiration pneumonia hazard. Contains petroleum distillates. Methidathion is a cholinesterase inhibitor. Atropine is antidotal and should be given as early poisoning symptoms appear. 2-PAM is also antidotal and may be administered in conjunction with atropine. If swallowed, lavage stomach taking care to avoid aspiration of stomach contents into lungs. Instill 30-50 gm. slurry of activated charcoal in water into the stomach after lavage.

### PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals DANGER/PELIGRO POISON

Fatal if swallowed. Corrosive. Causes irreversible eye damage. May be fatal if absorbed through skin. May be fatal if inhaled. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

NET CONTENTS \_\_\_\_ GALLONS



**RESTRICTED USE PESTICIDE**

**DUE TO AQUATIC TOXICITY, AVIAN HAZARD, ACUTE ORAL TOXICITY AND EYE CORROSIVITY HAZARD**

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**

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

ACTIVE INGREDIENT:	% BY WT.
Methidathion: O,O-dimethyl phosphorodithioate, S-ester with 4-(mercaptomethyl)-2-methoxy- $\Delta^2$ -1,3,4-thiadiazolin-5-one	24.4%
OTHER INGREDIENTS:	75.6%

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER/PELIGRO  
POISON**

**Fatal if swallowed. Corrosive. Causes irreversible eye damage. May be fatal if absorbed through skin. May be fatal if inhaled. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.**

...inhalation is a serious eye irritant. ...fatal and may be administered in conjunction with atropine. If swallowed, lavage stomach taking care to avoid aspiration of stomach contents into lungs. Instill 30-50 gm. slurry of activated charcoal in water into the stomach after lavage.

PRECAUTIONARY STATEMENTS  
Hazards to Humans and Domestic Animals  
DANGER/PELIGRO  
POISON

Fatal if swallowed. Corrosive. Causes irreversible eye damage. May be fatal if absorbed through skin. May be fatal if inhaled. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

NET CONTENTS \_\_\_ GALLONS

EPA Reg. No. 10163-236  
EPA Est. No. 67546-AZ-1

**Gowan**

Produced For  
Gowan Company  
P.O. Box 5569  
Yuma, Arizona 85366-5569

# RESTRICTED USE PESTICIDE DUE TO ACUTE TOXICITY

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.

# Gramoxone<sup>®</sup> SL

syngenta.

## Herbicide

A Weed, Grass, and Harvest Aid  
Desiccant/Defoliant Herbicide

### Active Ingredient:

Paraquat dichloride  
(1,1'-dimethyl-4,4'-bipyridinium  
dichloride) 30.1%

Other Ingredients: 69.9%

Total: 100.0%

Contains 2.0 pounds paraquat cation per gallon  
as 2.762 pounds salt per gallon.

Contains alerting agent (odor) emetic and dye.

**KEEP OUT OF REACH  
OF CHILDREN.**

**DANGER /  
PELIGRO  
POISON**



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.)

- NEVER PUT INTO FOOD, DRINK OR OTHER CONTAINERS.
- IF SWALLOWED, TAKE IMMEDIATE ACTION AS PRESCRIBED IN FIRST AID STATEMENT. SYMPTOMS ARE PROLONGED AND PAINFUL.
- DO NOT USE OR STORE IN OR AROUND THE HOME.
- DO NOT REMOVE CONTENTS EXCEPT FOR IMMEDIATE USE.
- THE ODOR OF THIS PRODUCT IS FROM THE ALERTING AGENT WHICH HAS BEEN ADDED, NOT FROM PARAQUAT.

EPA Reg. No. 100-1217  
EPA Est. 100-LA-001

Product of the United Kingdom  
Formulated in the USA

SCP 1217B-L1E 0711  
346482

**2.5 gallons**  
Net Contents

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS



**DANGER / POISON  
PELIGRO**

May be fatal if swallowed. Fatal if inhaled. Do not breathe spray mist. Wear a dust mist NIOSH-approved respirator with any N, R, P, or HE filter. Causes substantial but temporary eye injury. Wear protective eyewear (face shield required when mixing/loading). Harmful if absorbed through skin. Do not get in eyes, on skin, or on clothing. Avoid contact with skin.

**IMPORTANT:** Inhalation is an unlikely route of exposure due to low vapor pressure and large spray droplet size, but mucosal irritation or nose bleeds may occur. Prolonged contact with this concentrated product can irritate your skin.

### Personal Protective Equipment (PPE)

Applicators and other handlers (other than Mixers and Loaders) must wear:

- Long-sleeve shirt and long pants
- Shoes plus socks
- Protective eyewear
- Chemical Resistant Gloves - Category A (e.g. barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or Viton®)
- A dust mist NIOSH-approved respirator with any N, R, P, or HE filter

### Mixers and Loaders must wear:

- Long-sleeve shirt and long pants
- Shoes plus socks
- A dust mist NIOSH-approved respirator with any N, R, P, or HE filter
- Chemical Resistant Gloves - Category A (e.g. barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or Viton)
- Chemical resistant apron
- Face shield

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 exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### Engineering Controls

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/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER / POISON PELIGRO**

**May be fatal if swallowed. Fatal if inhaled. Do not breathe spray mist. Wear a dust mist NIOSH-approved respirator with any N, R, P, or HE filter. Causes substantial but temporary eye injury. Wear protective eyewear (face shield required when mixing/loading).**

**Harmful if absorbed through skin, or on clothing. Do not get in eyes, or on clothing. Avoid contact with skin.**

**IMPORTANT: Inhalation is an unlikely route of exposure due to low vapor pressure and large spray droplet size, but mucosal irritation or nose bleeds may occur.**

**Prolonged contact with this concentrated product can irritate your skin.**

#### Engineering Controls

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.



# New and Proposed Regulations

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- Non-ag surface water protection now active
- Must submit proof of attendance for CE classes when renewing licenses and certificates
- First generation rodenticides now restricted
- Second generation rodenticides proposed to be California Restricted

# Dormant Spray-Bee Protection



- No Dormant spray cutoff date in Tehama County
- For insecticide use in areas that have bloom, follow label restrictions (e.g. 'Do not apply when bees are actively visiting')
- Call Tri-county Bee Notification Service 48 hrs prior to application 934-6666



# Dormant Spray-Water Protection

- Regulation requires dormant application of insecticides to orchards be done in a manner that prevents runoff for 72 hours, or:
- Have a PCA's written recommendation, 100 ft buffer to aquatic sites, and windspeed 3-10 mph
- No aerial application unless soil conditions or bloom make necessary
- No application if storm that may cause runoff is within 48 hours of application

# Read Entire Label

- Labels frequently change
- Many materials are now federally restricted
- Increased PPE requirements
- Chemical resistant boots, apron
- Buffer zones
- Posting requirements
- Supplemental labels

**● 12. Precautionary statements**  
**● 13. Hazards to humans and domestic animals**  
**● 10. Statement of practical treatment**  
**● 11. Note to physician**  
**● 9. Signal word**  
**16. Directions for use**

**EZD-Pest Insecticide and Fungicide** **SHAKE WELL BEFORE USING**

**STATEMENT OF PRACTICAL TREATMENT**— If in eyes: Flush with plenty of water. Call a physician. If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists. If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water. Avoid alcohol. If inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention. **NOTE TO PHYSICIAN** Carbaryl is a moderate reversible cholinesterase inhibitor. Atropine is antidote. Emergency medical information call 1-800-732-0293.

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

**EZD-Pest Insecticide and Fungicide** is a complete concentrate containing fungicide, acaricide, miticide, scabicide and spreader-sticker. Easy to use: mixes with water instantly; no plugging nozzles; no messy powders to handle, measure or mix; no pre-mixing or straining necessary. Designed especially for home gardens to protect roses, evergreens and flowers from the ravages of listed insects and diseases.

**SHAKE PRODUCT THOROUGHLY BEFORE USING.** Contains micronized particles which settle upon standing and require reblending by agitation. Choose a cool, calm period, preferably early morning or evening. Shake sprayer occasionally or agitate to keep spray particles in suspension during application.

**ROSES, EVERGREENS AND FLOWERS**  
**Insects:** Aphid, apple maggot, bagworm, black cutworm, bud moth, cherry fruit fly and worm, codling moth, plum curculio, flea beetle, fruit tree leaf roller, gypsy moth, Japanese beetle, leaf hoppers, lesser patch tree borer, mealy bugs, rose clover, European red, two spotted and Whitefly), oriental fruit moth, pear slug, pebble, red banded leaf roller, scale (Forbes, Pulverer, San Jose), spruce bug, tent caterpillar, unspotted tentiform leaf miner, and yellow neck caterpillar.  
**Diseases:** Blister rot, black spot, black rot, blossom blight, Botrytis/blossom rot, botrytis blossoms and rot, brown rot, coryneum blight, downy mildew, fly speck, frog eye, leaf spot, scab, and sooty blotch.

**MIX 1 1/4 TABLESPOONS PER GALLON OF WATER**  
Begin applications when pests or disease symptoms first appear or conditions favor their development and repeat of weekly intervals or as necessary to maintain control. Remember, it is easier to prevent damage than to cure it. Therefore, a preventive spray schedule is recommended. Do not use if rain is expected shortly after application. Select still periods for application (early morning or evening) to reduce waste by blowing away and blow back applicator. Spray in early morning or in the evening to avoid direct sunlight. Do not apply through any type of irrigation equipment.

**STORAGE AND DISPOSAL**— Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area.  
**DISPOSAL: PRODUCT**—Empty container should be rinsed and discarded in trash. **CONTAINER**—Do not reuse empty jug. Rinse thoroughly before discarding in trash.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not use or store near heat or open flame. Do not store below 32°F.

**PRECAUTIONARY STATEMENTS—HAZARDS TO HUMANS AND DOMESTIC ANIMALS—DANGER**— Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin and clothing. Wear chemical resistant gloves. Also wear long pants and long-sleeved shirt and apply with the wind to your back. Wash nondisposable gloves thoroughly with soap and water before removing. Clothing worn while handling this product must be laundered separately from other clothing before reusing.

**ENVIRONMENTAL HAZARDS**— This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not clean equipment or dispose of equipment washwaters in a manner that will contaminate water resources. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**15. Physical or chemical hazards**  
**14. Environmental hazards**  
**17. Storage and disposal**

# Read Entire Label

- Many copper products require eyewash for fieldworkers



- More products require respiratory protection





# www.cdpr.ca.gov

- List of Continuing Education classes, including online credit
- Training and safety information
- Pesticide product information
- Laws & Regulations
- Forms and Handouts



# Other Sources of Information

■ [www.co.tehama.ca.us](http://www.co.tehama.ca.us)

■ [www.agrian.com](http://www.agrian.com)

■ [www.cdfa.ca.gov](http://www.cdfa.ca.gov)

■ [www.ucanr.org](http://www.ucanr.org)

■ [www.cdms.net](http://www.cdms.net)



A PRUNE ORCHARD IN BLOOM, CALIFORNIA

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# Thank You

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