

34704-858

11/17/2006

1/42



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

November 7, 2006

Mark R. Trostle  
Loveland Products, Inc.  
P.O. Box 1286  
Greeley, CO 80632-1286

Subject: Amendment -- Change in Product Formulation/Add/Consolidate Additional Use  
Directions/Delete "Not for use in California  
Sniper (Bifenthrin 25% EC Insecticide/Miticide)  
EPA Reg. No. 34704-858  
Your submission dated June 16, 2006

Dear Mr. Trostle:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.


1. Delete all the 24(c) use sites i.e. alfalfa grown for seed, carrots grown for seed, Christmas tress, clover grown for seed, conifer seed orchards, jojoba, parsley grown for seed, parsnip grown for seed, seed crown vetch. These sites are not listed on the me-too labels and would not qualify for expedited review. These 24 (c) uses have not received full Section 3 use assessment. In addition the precautions and label restrictions are in conflict with the precautions for spray drift and chemigation on the basic labels.
2. Delete the "California Only" restricted entry intervals (REI's) in the Agricultural Use Requirements box. These REI's do not appear on the me-too label nor on the FMC Capture 2EC-CAL label (279-3114). The appropriate REI is 12 hours for all crops and activities. It is not clear what directions pertain to use in California and use elsewhere.
3. It appears you have attempted to consolidate California only specific labeling with the basic labeling. Due to the numerous variations in the California vs basic labeling we

recommend that you consolidate California use sites, limitations and use directions as a sub-label and replace the phrase "California Use Directions included" with "For use in California Use directions" section of the label. This type of label set up would be less confusing to the user. We suggest you review the last accepted labeling for Capture 2EC-CAL Insecticide Miticide, EPA Reg. No. 279-3114 for approved crop site, directions for use and restrictions. Alternatively you can request a separate registration for a California Use Only label.

- 4. In the future please submit labeling with the primary brand name and not an alternate name.
- 5. Please submit an one year storage stability study along with a corrosion characteristics study. We recommend that observation be made at 0, 3, 6, 9, and 12 months intervals in the storage stability study.

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

Sincerely,  
  
 /George T. LaRocca  
 Product Manager 13  
 Insecticide Branch  
 Registration Division (7505C)

Enclosure

3/42

Master Label – April 28, 2006  
 [California use directions included]

**RESTRICTED USE PESTICIDE**  
**Toxic to fish and aquatic organisms**  
 For retail sale to and use only by certified applicators or persons under their direct supervision and only for the uses covered by the certified applicator's certification.

EPA Reg. No. 34704-858

EPA Est. No. 34704-MS-XXX

## Bifenthrin 25% EC Insecticide/Miticide

ACTIVE INGREDIENT:	%BY WT.
Bifenthrin: (2 methyl[1,1 –biphenyl]-3-yl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-cyclopropanecarboxylate*.....	25.0%
<b>OTHER INGREDIENTS**:</b> .....	<u>75.0%</u>
<b>TOTAL</b> .....	<b>100.0%</b>

**ACCEPTED with COMMENTS**  
 In EPA Letter Dated NOV 7 2006  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 34704-858

\*Cis isomers 97% minimum, trans isomers 3% maximum.  
 \*\*Contains xylene range aromatic solvents.  
 This product contains 2 pounds active ingredient per gallon.

### 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).

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For a medical emergency involving this product call: 1-800-301-7976.	
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<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 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>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>NOTE TO PHYSICIAN:</b> This product is a pyrethroid. If large amounts have been ingested, the stomach and intestines should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and should be avoided. This product contains a petroleum distillate; vomiting may cause aspiration pneumonia.	

4/42

Master Label – April 28, 2006  
[California use directions included]

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
WARNING**

May be fatal if swallowed. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Harmful if inhaled or absorbed through skin. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

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

**Handlers who may be exposed to the dilute through application or other tasks must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or viton
- Shoes plus socks

**Handlers who may be exposed to the concentrate through mixing, loading, application, or other tasks must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or viton
- Shoes plus socks
- Protective eyewear

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.

**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 extremely toxic to fish and aquatic invertebrates. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not make applications when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

Master Label – April 28, 2006  
[California use directions included]

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

The use of Bifenthrin 25% EC Insecticide/Miticide is prohibited in areas that may result in exposure of endangered species to bifenthrin. Prior to use in a particular county contact the local extension service for procedures and precautions to use to protect endangered species.

**PHYSICAL/CHEMICAL HAZARDS**

COMBUSTIBLE: Do not use or store near heat or open flame.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. For the state of California, refer to the chart below for REI.

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, nitrile rubber, neoprene rubber, or Viton
- Shoes plus socks

Crop	Activity	REI
Beans (for processing only)	All	24 hours
Beans (for fresh market)	All	9 days
Caneberries (for mechanically harvested)	All	24 hours
Caneberries (all others)	All	4 days
Head, Stem Brassica	All	5 days
Sweet Corn (for processing only)	All	24 hours
Sweet Corn for fresh market)	All	18 days
Field Corn (grown for seed)	Detasseling	18 days
Field Corn (grown for seed)	Roguing	18 days
Field Corn (grown for seed)	Other Activities	24 hours
Cotton	Scouting	7 days
Cotton	Other Activities	24 hours
Other Crops	All	24 hours

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE AND SPILL PROCEDURES:** Keep out of reach of children and animals. Store in original containers only, in a cool, dry place and avoid excess heat. Do not freeze. Do not store below 40°F. Carefully open containers.

If crystals are observed, warm material to above 60°F by placing container in warm location. Shake or roll container periodically to redissolve solids.

After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area, and keep out animals and unprotected persons. Confine spills.

**To confine spill:** If liquid, dike surrounding area or absorb with sand, cat litter, or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL: Metal or Plastic Container:** Triple rinse ( or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by State and local authorities. Do not cut or weld metal containers.

**Returnable, Refillable Containers [U-Turn® Container]:** Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase.

### RESISTANCE MANAGEMENT

Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.

If resistance to this product develops in your area, this product or other products with a similar mode of action may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. *If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.*

### APPLICATIONS INSTRUCTIONS

Application rates will vary according to pest pressure, timing of sprays, and field scouting. Use lower rates under light to moderate infestations and higher rates under heavy insect pressure and for mite control. Arid climates generally require higher rates.

Cultivation within 10 feet of a water body is prohibited to allow for the growth of a vegetated filter strip. In New York State, this product may not be applied within 100 feet (using ground

*Master Label – April 28, 2006*  
*[California use directions included]*

equipment) to 300 feet (using aerial equipment) of coastal marshes or streams that drain into coastal marshes. In the state of California, the use of Bifenthrin 25% EC Insecticide/Miticide is prohibited in all coastal counties.

In the state of California, Bifenthrin 25% EC Insecticide/Miticide must be used in closed systems that meet the criteria for closed systems as established by the California Department of Food and Agriculture. The criteria and a list of the closed systems meeting the criteria are available through the California Department of Food and Agriculture.

### **CHEMIGATION USE DIRECTIONS**

Apply this product only through sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system.

For LEPA irrigation, a minimum of 0.75 inch of water per acre is recommended. Where non-emulsified oils are used as the diluent, 1 to 2 pints per acre is recommended.

Results from utilizing chemigation have been variable and depend upon the set up and calibration of equipment.

Crop injury, lack of effectiveness, or illegal residues in the crop can result from non-uniform distribution of treated water. Contact your State Agricultural Extension Service specialists, equipment manufacturer's, or other experts for consultation on the suitability of the equipment set up to obtain effective control of the target insect pests.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise. Failure to cease application during a mechanical stoppage may result in undesirable residues to adjacent area.

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain function interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

*Master Label – April 28, 2006*  
*[California use directions included]*

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Bifenthrin 25% EC Insecticide/Miticide should be applied continuously for the duration of the water application. Bifenthrin 25% EC Insecticide/Miticide should be diluted in sufficient volume to ensure accurate application over the area to be treated. When using chemigation, a minimum of 0.5 inch per acre of irrigation water is recommended. Agitation generally is not required when a suitable diluent is used. A diluent test should be conducted to ensure that phase separation will not occur during dilution and application. Failure to achieve a uniform dilution throughout the time of application may result in undesirable residues or less than desirable control.

**SPRAY DRIFT PRECAUTIONS**

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

**OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS, ESTUARIES, AND COMMERCIAL FISH FARM PONDS.**

Do not apply by ground equipment within 25 feet, or by air within 150 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds. Increase the buffer zone to 450 feet when ultra low volume (ULV) application is made in cotton. Use of ultra low volume (ULV) application on corn and hops is prohibited.

For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wingtip or rotor vortices. The minimum practical boom length should be used and must not exceed 75% of wing span or rotor diameter.

Use the largest droplet size consistent with good pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.

Spray should be released at the lowest height consistent with pest control and flight safety. Applications more than 10 feet above the crop canopy should be avoided.

Make aerial or ground applications when the wind velocity favors on target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.

Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.

Do not cultivate within 10 feet of the aquatic area so as to allow growth of a vegetative filter strip.

Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.



9/42

Master Label – April 28, 2006  
[California use directions included]

Do not make aerial or ground applications during temperature inversions. Do not make aerial or ground applications to corn if heavy rainfall is imminent. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

### ROTATIONAL CROPS

In all states except California, crops with existing bifenthrin tolerances may be rotated at any time. All other crops may be rotated 30 days following the final application of Bifenthrin 25% EC Insecticide/Miticide.

In the state of California, rotational crops may be planted no sooner than 30 days after the last application of Bifenthrin 25% EC Insecticide/Miticide. Straw may not be used for food or feed.

### TANK MIXTURES

In all states except California, Bifenthrin 25% EC Insecticide/Miticide may be applied in tank mixtures with other products approved for use on registered crops. Observe all restrictions and precautions which appear on the labels of these products. Test for compatibility of products before mixing.

In the state of California, Bifenthrin 25% EC Insecticide/Miticide may be applied in tank-mixtures with other products approved for use on cotton. Observe all restrictions and precautions which appear on the labels of these products.

### INDEX TO CROPS LISTED ON THIS LABEL

<u>CROP</u>	<u>PAGE</u>
Artichoke	8
Brassica Crops	9
Caneberries	10
Canola, Crambe, Rapeseed	10-11
Citrus	11-12
Field Corn (Grain and Silage), Popcorn, Field Corn Grown for Seed (At Plant Use)	12-13
Field Corn (Grain and Silage), Popcorn, Field Corn Grown for Seed (PRE & PPI)	13
Field Corn (Grain and Silage), Popcorn, Field Corn Grown for Seed (Foliar Use)	13-14-15
Sweet Corn (Grain and Silage), Sweet Corn Grown for Seed (At Plant Use)	15-16
Sweet Corn (Grain and Silage), Sweet Corn Grown for Seed (Foliar Use)	16-17
Cotton	17-18
Cucurbits	18-19
Eggplant	19-20
Grapes	20
Hops	20-21

10/42

Master Label – April 28, 2006  
 [California use directions included]

Lettuce, Head	21
Lima Beans	22
Pears	22-23
Peppers, Bell and Non-Bell	23
Spinach	23-24
Succulent Peas and Beans	24-25
Tomatoes	25-26
Alfalfa Grown for Seed	26-27-28-29
Carrots Grown for Seed	29-30-31
Christmas Trees	32
Clover Grown for Seed	33-34
Conifer Seed Orchards	35
Jojoba	35
Parsley Grown for Seed	36-37
Parsnip Grown for Seed	38
Seed Crown Vetch	39

**CROP USE INSTRUCTIONS**

**ARTICOKE**

Apply as directed at a rate of 6.4 fl. oz. (0.1 lb. ai) per acre.

<b>PEST</b>	<b>APPLICATION INSTRUCTIONS</b>
Artichoke Plume Moth, Cribrate Weevil	Apply when pest population reaches damaging threshold and repeat as necessary to maintain control, but not apply more often than 15 day intervals.  <b>Application by ground:</b> Apply a full cover spray in a minimum of 75 gallons of finished spray per acre.  <b>Application by air:</b> Apply specified rate in a minimum of 10 gallons per acre.
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>• Do not exceed 0.5 lb. ai per acre per season.</li> <li>• A 5-day preharvest interval must be observed.</li> </ul>	

11/47

Master Label – April 28, 2006  
 [California use directions included]

**BRASSICA CROPS**

Apply as directed using the rates in the table below.

CROP	PEST/RATE	APPLICATION INSTRUCTIONS
Head and Stem Brassica Vegetables including: Broccoli, Chinese Broccoli (gai lon, White flowering broccoli), Brussels sprouts, Cauliflower, Cavalo broccoli, Kohlrabi, Cabbage, Chinese Cabbage (napa), Chinese Mustard Cabbage (gai choy)	<p><b>PESTS:</b>            Cutworms,            Corn Earworm,            Tobacco Budworm,            Saltmarsh Caterpillar,            Leafhoppers,            Flea Beetles,            Imported Cabbageworm,            Cucumber Beetles,            Whitefly,            Armyworms,            Loopers,            Stink Bugs,            Crickets,            Ground Beetles,            Thrips,            Wireworm (adults),            Diamondback Moth</p> <p><b>RATE:</b>            2.1 to 6.4 fl. oz./acre            (0.033 to 0.1 lb. ai/acre)</p>	<p>Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment.</p> <p>When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray.</p> <p>Thorough coverage is essential to achieve control.</p>
	<p><b>PESTS:</b>            Banks Grass Mite,            Twospotted Spider Mite,            Carmine Mite,            Pacific Spider Mite,  <i>Lygus</i> spp.</p> <p><b>RATE:</b>            5.12 to 6.4 fl. oz./acre            (0.08 to 0.1 lb. ai/acre)</p>	
<p><b>RESTRICTIONS:</b></p> <ul style="list-style-type: none"> <li>• Do not apply more than 0.5 lb. active ingredient (1 quart) per acre per season.</li> <li>• Do not make more than 5 applications after bloom.</li> <li>• Do not make applications less than 7 days apart.</li> <li>• Do not apply within 7 days of harvest.</li> </ul>		

**CANE BERRIES**

Apply as directed using the rates in the table below.

CROP	PEST/RATE	APPLICATION INSTRUCTIONS
Caneberries including:  Blackberries, Bingleberries, Dewberries, Lowberries, Marionberries, Olallieberries, Youngberries, Loganberries, Raspberries	<p><b>PESTS:</b>                      Leafrollers,                      Orange Tortrix,                      Root Weevils</p> <p><b>RATE:</b>                      3.2 to 6.4 fl. oz./acre                      (0.05 to 0.1 lb. ai/acre)</p>	<p>Apply by air or ground equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons per acre by air and 50 gallons per acre by ground).</p> <p>One application may be made pre-bloom and a second application may be made post bloom.</p>
	<p><b>PEST:</b>                      Spider Mites                      Raspberry Crown Borer</p> <p><b>RATE:</b>                      6.4 fl. oz./acre                      (0.1 lb. ai/acre)</p>	<p>For <b>Crown Borer</b>, apply 0.1 lb. ai per acre post-harvest (fall) or pre-bloom (spring) as a drench application directed at the crown of plants in a minimum of 200 gallons of water per acre. Greater efficacy is observed at higher water gallonages (up to 400 gallons) or in an application prior to a significant rainfall event. Do not make both pre-bloom foliar and pre-bloom drench applications.</p>
<p><b>RESTRICTIONS:</b></p> <ul style="list-style-type: none"> <li>• Do not apply within 3 days of harvest.</li> <li>• In California, do not apply within 4 days of harvest for caneberries that are hand-harvested.</li> <li>• Do not exceed 0.2 lb ai per acre per season.</li> </ul>		

**CANOLA, CRAMBE, RAPESEED**

Apply as directed at a rate of 2.1 to 2.6 fl. oz. (0.033 to 0.04 lb. ai) per acre.

PEST	APPLICATION INSTRUCTIONS
Aphids, Armyworms, Cutworms, Diamondback Moth Loopers, Other Lepidopterous Larvae, Lygus Bugs, Flea Beetle, Flea Hopper, Grasshoppers, Plant Bugs, Stink Bugs, Seedpod Weevil, Thrips, Whitefly	<p>Apply in a minimum of 2 gallons of finished spray per acre by air, or in a minimum of 10 gallons per acre with ground equipment.</p> <p>When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray.</p> <p>Thorough coverage is essential to achieve control.</p>

**RESTRICTIONS;**

- Do not apply more than 0.08 lb. active ingredient (5.12 ounces) per acre per season.
- Do not make applications less than 14 days apart.
- Do not apply within 35 days of harvest.

**CITRUS**

The use of Bifenthrin 25% EC Insecticide/Miticide protects citrus tree roots from **Diaprepes** and other citrus root weevil feeding by creating a barrier. As citrus root weevil eggs hatch, the newly hatched larvae (neonates) fall to the soil surface beneath the tree and come into contact with Bifenthrin 25% EC Insecticide/Miticide as they attempt to burrow into the root zone. Disturbance of the soil beneath the tree should be minimized.

Timing of application is very important. Peak emergence of **Diaprepes** adults varies by citrus growing region, and environmental factors such as soil moisture can affect emergence. Usually, two peaks occur for **Diaprepes**, first in the spring then late summer or early fall. **Southern Blue-Green and Blue-Green Citrus Weevils** and **Fuller Rose Beetle** usually have a single emergence peak in the spring. **Brown and Little Leaf Notchers** usually have three emergence peaks, spring, summer and fall. Since emergence varies by region and season, the best way to time application is to observe the adults. By trapping adults when they are most active (in the morning or and late afternoon) during the spring and summer emergence periods an estimation of numbers can be obtained. Eggs are laid 8 to 10 weeks following the adult emergence from the soil; larvae invasion into the soil will begin 2 to 3 weeks following adult emergence. Bifenthrin 25% EC Insecticide/Miticide must be applied prior to the dropping of the neonates. Consult local university extension personnel for current information to protect citrus trees from **Citrus Root Weevils** and other pests.

Apply as directed using the rates in the table below.

PEST	RATE	APPLICATION INSTRUCTIONS
Diaprepes Root Weevil <i>(Diaprepes abbreviatus)</i> , Southern Blue Green Citrus Root Weevil <i>(Pachnaeus litus)</i> , Blue green Citrus Root Weevil <i>(Pachnaeus opalus)</i> , Brown Leaf Notcher <i>(Epicaerus mexicanus)</i> , Little Leaf Notcher <i>(Artipus floridanus)</i>	16 to 32 fl. oz. (0.25 to 0.5 lb. ai) per acre	Apply Bifenthrin 25% EC Insecticide/Miticide by ground equipment to bare soil beneath citrus trees. Bifenthrin 25% EC Insecticide/Miticide must be uniformly applied from the trunk to the drip line of the tree, apply in a minimum of 40 gallons of dilute spray per acre. Greater spray volume should insure greater uniformity of coverage. A pre- and post-application irrigation may aid in the uniformity of coverage as well.  Apply to individual citrus resets, when not in solid planted rows, using hand-gun or shielded sprayer.
Fire Ant <i>(Solenopsis spp.)</i> , Asian Cockroach <i>(Blattelia asahinae)</i>	6.4 to 16 fl. oz. (0.1 to 0.25 lb. ai) per acre	Peak emergence of <b>Diaprepes Root Weevil</b> generally occurs in the spring. Depending on weather conditions, a minor emergence may also occur in the fall.

Master Label – April 28, 2006  
 [California use directions included]

		<p>If the citrus grove to be treated is in an area where weather conditions are conducive to primary emergence occurring in the spring, 32 fl. oz. formulated product should be used to obtain best results.</p> <p>If the citrus grove to be treated is in an area where weather conditions will promote more than one peak pest emergence, 16 fl. oz. formulated product can be applied early season and 16 fl. oz. formulated product can be applied later in the season.</p> <p>Follow spray drift precautions on this label.</p>
--	--	---

**RESTRICTIONS:**

- Do not apply through irrigation systems.
- Do not allow any application of Bifenthrin 25% EC Insecticide/Miticide to contact fruit or foliage.
- Do not apply a total of 32 fl. oz. of Bifenthrin 25% EC Insecticide/Miticide (0.5 lb. ai) per acre per year.
- Ground application only. Do not apply by air.
- Do not apply within 1 day of harvest.

**FIELD CORN (GRAIN AND SILAGE), POPCORN, FIELD CORN GROWN FOR SEED (AT PLANT USE)**

Apply as directed using the rates in the table below.

PEST	RATE	APPLICATION INSTRUCTIONS
Corn Rootworm Larvae (Northern, Southern, Western)	0.30 fl. oz. (.0046 lb. ai) per 1,000 linear feet of row	Apply as a 5- to 7-inch T-band treatment over an open seed furrow. Position the spray nozzle behind the planter shoe in front of the press wheel centered over the row. Use the table below to determine the Bifenthrin 25% EC Insecticide/Miticide needs per acre. Apply in a minimum of 3 gallons of finished spray per acre.
Army Cutworm, Cutworm Species, Grubs, Seed Corn Beetle, Seed Corn Maggot, True Armyworm or Armyworm Species, Wireworms	0.15 to 0.30 fl. oz. (.0023 to .0046 lb. ai) per 1,000 linear feet of row	<p>Mix Bifenthrin 25% EC Insecticide/Miticide with water or fertilizer in the following manner. Fill the spray tank approximately one half full with water or liquid fertilizer, add the proper amount of Bifenthrin 25% EC Insecticide/Miticide, then add the rest of the water or fertilizer. Provide sufficient agitation during mixing and application to maintain a uniform spray mixture.</p> <p>Applications of Bifenthrin 25% EC Insecticide/Miticide alone or in recommended tank mixtures, in conjunction with in-furrow pop-up fertilizers may be used. A jar compatibility test should be performed with the appropriate ratio of Bifenthrin 25% EC</p>

	Insecticide/Miticide and fertilizer to ensure mixture will stay in solution. Constant agitation should be maintained during mixing and application.			
<b>RESTRICTIONS:</b>				
<ul style="list-style-type: none"> <li>• Do not apply to soil where there is greater than 30% cover of crop residue remaining.</li> <li>• Do not apply within 30 days of harvest.</li> <li>• Do not graze livestock in treated area or cut treated crops for feed within 30 days of treatment.</li> <li>• Do not apply more than 0.1 pound active per acre per season as an at-plant application.</li> </ul>				
<b>Row spacings (inches)</b>	<b>40</b>	<b>38</b>	<b>36</b>	<b>30</b>
Bifenthrin 25% EC Insecticide/Miticide (pounds ai per acre)	0.060	0.064	0.069	0.080
Bifenthrin 25% EC Insecticide/Miticide (formulated product ounces per acre)	3.9	4.1	4.4	5.12

**FIELD CORN (GRAIN AND SILAGE), POPCORN, FIELD CORN GROWN FOR SEED (PRE- EMERGENT & PRE-PLANT INCORPORATED)**

Apply as directed using the rates in the table below.

PEST	RATE	APPLICATION INSTRUCTIONS
Black Cutworm, White Grub, Wireworm, Seedcorn Maggot, Armyworm spp., Stalkborer	3 to 4 fl. oz. (0.047 to 0.062 lb. ai) per acre Pre-plant Incorporated (PPI)	The 3-4 oz/A rate must be applied as PPI and can be tank mixed and applied with PPI herbicides. Incorporation of Bifenthrin 25% EC Insecticide/Miticide should not be any deeper than the intended planting depth and no deeper than 3 inches. Incorporation depth should be close to the intended seed planting depth.
Black Cutworm, Armyworm spp., Stalkborer	2.56 fl. oz. (0.040 lb. ai) per acre Pre-emergence (PRE)	The 2.56 oz/A rate may be applied PRE and can be tank mixed and applied with PRE herbicides.

**FIELD CORN (GRAIN AND SILAGE), POPCORN, FIELD CORN GROWN FOR SEED (FOLIAR USE)**

Apply as directed using the rates in the table below.

PEST	RATE	APPLICATION INSTRUCTIONS
Aphids, Army Cutworm, Beet Armyworm, Cereal Leaf Beetle, Chinch Bug, Common Stalk	2.1 to 6.4 fl. oz. (0.033 to 0.10 lb. ai) per acre	Apply in a minimum of 2 to 5 gallons of finished spray per acre by aircraft or in a minimum of 10 gallons per acre with ground equipment. To improve control by aircraft, use 5 gallons of finished spray per acre particularly when initial populations are heavier than normal. When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray.

Master Label – April 28, 2006  
 [California use directions included]

<p>Borer,                  Corn Earworm,                  Corn Rootworm                  Adult,                  Cucumber Beetle                  Adults,                  Cutworm Species,                  European Corn                  Borer,                  Fall Armyworm,                  Flea Beetle,                  Grasshoppers,                  Greenbug,                  Japanese Beetle                  Adult,                  Leafhoppers,</p> <p>Sap Beetle,                  Southern                  Armyworm,                  Southern Corn                  Leaf Beetle,                  Southwestern                  Corn Borer,                  Stinkbugs,                  Tarnished Plant                  Bug,                  Thrips,                  True Armyworm,                  or                  Armyworm                  Species,                  Webworms,                  Western Bean                  Cutworm,                  Yellowstriped                  Armyworm</p>		<p>Thorough coverage is essential to achieve control.</p> <p><b>To Control Ear-Attacking Pests:</b> Apply Bifenthrin 25% EC Insecticide/Miticide just before silking and repeat as necessary to maintain control but do not exceed maximum application rates and reapplication intervals listed elsewhere in this section.</p> <p><b>Southwestern Corn Borer, European Corn Borer:</b> Make application for corn borer control with initial application at or shortly before egg hatch.</p> <p><b>For Control Of Other Insect Pests:</b> Apply when pests first appear and repeat as necessary but do not exceed maximum application rates and reapplication intervals listed elsewhere in this section.</p> <p>*</p>
<p>Banks Grass Mite,                  Carmine Mite,                  Twospotted Spider                  Mite</p>	<p>5.12 to 6.4                  fl. oz. (0.08-                  0.10 lb. ai)                  per acre</p>	<p>Apply for <b>Banks Grass Mite</b> control when colonies first form prior to leaf damage or discoloration and before dispersal above the bottom third of the plant.</p> <p>For <b>Twospotted Spider Mite</b> and <b>Carmine Mite</b> control, apply when colonies first form prior to leaf damage or discoloration and before widespread mite dispersal throughout the canopy. Higher rates will be necessary for heavier initial populations and corn under heat or drought stress. Field experience with dimethoate at 0.5 lb. active per acre in tank mixture has demonstrated good control under these conditions.</p> <p><b>For Mite Control In Texas, New Mexico, Oklahoma, and Arizona:</b> Apply in a minimum of 5 gallons of finished</p>



Master Label – April 28, 2006  
 [California use directions included]

		spray per acre by aircraft or in a minimum of 10 gallons per acre with ground equipment.
<b>Restrictions:</b> <ul style="list-style-type: none"> <li>• Do not apply more than 0.3 pound active ingredient per acre per season including pre and ppi, at-plant, plus foliar applications.</li> <li>• Do not apply within 30 days of harvest.</li> <li>• Do not graze livestock in treated areas or cut treated crops for feed within 30 days of the last application.</li> <li>• Use of ultra low volume (ULV) application on corn is prohibited.</li> <li>• Do not make aerial or ground applications to corn if heavy rainfall is imminent.</li> <li>• Use of Bifenthrin 25% EC Insecticide/Miticide on corn is prohibited in all coastal counties.</li> </ul>		

**SWEET CORN (GRAIN AND SILAGE), SWEET CORN GROWN FOR SEED (AT PLANT USE)**

Apply as directed using the rates in the table below.

PEST	RATE	APPLICATION INSTRUCTIONS
Corn Rootworm Larvae (Northern, Southern, Western)	0.30 fl. oz. (.0046 lb. ai) per 1,000 linear feet of row	Apply as a 5- to 7-inch T-band treatment over an open seed furrow. Position the spray nozzle behind the planter shoe, in front of the press wheel centered over the row. Use the table below to determine the Bifenthrin 25% EC Insecticide/Miticide needs per acre. Apply in a minimum of 3 gallons of finished spray per acre.
Army Cutworm, Cutworm Species, Grubs, Seed Corn Beetle, Seed Corn Maggot, True Armyworm, or Armyworm species, Wireworms	0.15 to 0.30 fl. oz. (.0023 to .0046 lb. ai) per 1,000 linear feet of row	<p>Mix Bifenthrin 25% EC Insecticide/Miticide with water or fertilizer in the following manner. Fill the spray tank approximately one-half full with water or liquid fertilizer, add the proper amount of Bifenthrin 25% EC Insecticide/Miticide, then add the rest of the water or fertilizer. Provide sufficient agitation during mixing and application to maintain a uniform spray mixture.</p> <p>Applications of Bifenthrin 25% EC Insecticide/Miticide alone or in recommended tank mixtures, in conjunction with in-furrow pop-up fertilizers may be used. A jar compatibility test should be performed with appropriate ratio of Bifenthrin 25% EC Insecticide/Miticide and fertilizer to ensure mixture will stay in solution. Constant agitation should be maintained during mixing and application.</p>
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>• Do not apply to soil where there is greater than 30% cover of crop residue remaining.</li> <li>• Do not apply within 30 days of harvest.</li> <li>• Do not graze livestock in treated area or cut treated crops for feed within 30 days of treatment.</li> <li>• Do not apply more than 0.1 pound active per acre per season as an at-plant application.</li> </ul>		

18/42

Master Label – April 28, 2006  
 [California use directions included]

Row spacings (inches)	40	38	36	30
Bifenthrin 25% EC Insecticide/Miticide (pounds per acre)	0.060	0.064	0.069	0.080
Bifenthrin 25% EC Insecticide/Miticide (formulated product ounces per acre)	3.9	4.1	4.4	5.12

**SWEET CORN (GRAIN AND SILAGE), SWEET CORN GROWN FOR SEED (FOLIAR USE)**

Apply as directed using the rates in the table below.

PEST	RATE	APPLICATION INSTRUCTIONS
Aphids, Army Cutworm, Beet Armyworm, Cereal Leaf Beetle, Chinch Bug, Common Stalk Borer, Corn Earworm, Corn Rootworm Adults, Cucumber Beetle Adult, Cutworm Species, European Corn Borer, Fall Armyworm, Flea Beetle, Grasshoppers, Greenbugs, Japanese Beetle Adult, Leafhoppers, Sap Beetle, Southern Armyworm, Southern Corn Leaf Beetle, Southwestern Corn Borer, Stinkbugs, Tarnished Plant Bug, Thrips, True Armyworm or Armyworm Species, Webworms, Western Bean Cutworm, Yellowstriped Armyworm	2.1 to 6.4 fl. oz. (0.033-0.10 lb. ai) per acre	Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment.  When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray.  Thorough coverage is essential to achieve control.  <b>To Control Ear-Attacking Pests:</b> Apply Bifenthrin 25% EC Insecticide/Miticide when silking begins and repeat as necessary to maintain control but do not exceed maximum application rates and reapplication intervals listed elsewhere in this section.  <b>Southwestern Corn Borer, European Corn Borer:</b> Make 2 applications for corn borer with the initial application at or shortly before egg hatch.  <b>For Control Of Other Insect Pests:</b> Apply when pests first appear and repeat as necessary but do not exceed maximum application rates and reapplication intervals listed elsewhere in this section.

19/42

Master Label – April 28, 2006  
 [California use directions included]

Banks Grass Mite, Carmine Mite, Twospotted Spider Mite	5.12 to 6.4 fl. oz. (0.08-0.10 lb. ai) per acre	<p>Apply for <b>Banks Grass Mite</b> control when colonies first form prior to leaf damage or discoloration and before dispersal above the bottom third of the plant.</p> <p>For <b>Twospotted Spider Mite</b> and <b>Carmine Mite</b> control, apply when colonies first form prior to leaf damage or discoloration and before widespread mite dispersal throughout the canopy.</p> <p>Higher rates will be necessary for heavier initial populations and corn under heat or drought stress.</p>
--	---	---

**RESTRICTIONS:**

- Do not apply more than 0.2 pound active ingredient (12.8 ounces formulated product) per acre per season.
- Do not apply within one day of harvest.
- In California, do not apply within 18 days of harvest for sweet corn that is hand-harvested.
- Do not graze livestock in treated areas or cut treated crops for feed within 1 day of last application.
- Use of ultra low volume (ULV) application on corn is prohibited.
- Do not make aerial or ground applications to corn if heavy rainfall is imminent.
- Use of Bifenthrin 25% EC Insecticide/Miticide on corn is prohibited in all coastal counties.

**COTTON**

Apply as directed using the rates in the table below.

PEST	RATE	APPLICATION INSTRUCTIONS
European Corn Borer, Soybean (Banded) Thrips, Tobacco Thrips	1.3-6.4 fl. oz./acre  (0.02-0.10 lb. ai/acre)	Bifenthrin 25% EC Insecticide/Miticide may be applied in water or refined vegetable oil (soybean/cottonseed).
Boll Weevil, Bollworm, Cabbage Looper, Cotton Aphid, Cotton Fleahopper, Cotton Leafperforator, Cutworms, Fall Armyworm, Plant Bugs, Saltmarsh Caterpillar, Southern Garden Leafhopper, Stink Bugs, Tobacco Budworm, Whitefly, Yellowstriped Armyworm	2.6-6.4 fl. oz./acre  (0.04-0.10 lb. ai/acre)	<p><b>Application in Water:</b> Apply in a minimum of 5 gallons per acre with ground equipment or 1 gallon per acre by aircraft. When applying by air, 1 quart of emulsified oil may be substituted for one quart of water in the finished spray.</p> <p><b>ULV Application:</b> Apply the recommended rate of Bifenthrin 25% EC Insecticide/Miticide in refined vegetable oil in a minimum of 1 quart of finished spray per acre with aircraft calibrated to give adequate coverage.</p> <p><b>To Control Boll Weevil:</b> Apply Bifenthrin 25% EC Insecticide/Miticide at an interval of 3 to 4 days until pest numbers are reduced to acceptable levels.</p>

Master Label – April 28, 2006  
 [California use directions included]

Beet Armyworm, Carmine Spider Mite, <i>Lygus</i> spp., Pink Bollworm, Twospotted Spider Mite	3.8-6.4 fl. oz./acre  (0.06-0.10 lb. ai/acre	<b>To Control Mites and Aphids:</b> Apply when pests first appear. Repeat as necessary to maintain control but do not exceed maximum application rates and reapplication intervals listed elsewhere in this section. Higher rates will be required once a damaging threshold is established.
--	--	--

**RESTRICTIONS:**

- Do not apply more than 0.5 pound active ingredient per acre per season.
- In California, do not apply more than 0.3 pound active ingredient per acre per season and do not make more than 3 applications per growing season.
- Do not apply within 14 days of harvest.
- Do not graze livestock in treated areas or cut treated crops for feed.
- Do not make more than 10 synthetic pyrethroid applications (of one product or combinations or products) to a cotton crop in one growing season. Synthetic pyrethroid products include Ambush®, Ammo®, Asana®XL, Baythroid®, Capture®, Danitol®, Karate®, Mustang®, and Scout X-TRA®.

**CUCURBITS**

Apply as directed using the rates in the table below.

CROP	PEST/RATE	APPLICATION INSTRUCTIONS
Chayote (fruit), Chinese waxgourd (Chinese preserving melon), Citron melon, Cucumber, Gherkin, Gourd, edible (includes hyotan, cucuzza); ( <i>Luffa</i> spp.) (includes hechima, Chinese okra, ( <i>Momordica</i> spp.) (includes balsam apple, balsam pear, bitter melon, Chinese cucumber), Muskmelon (hybrids and/or cultivars or <i>Cucumis melo</i> ) (includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon),	<p><b>PESTS:</b>                      Aphids,                      Armyworms,                      Cabbage Looper,                      Corn Earworm,                      Cucumber Beetles,                      Cutworms,                      Grasshoppers                      Leafhoppers,                      Melonworms,                      Pickleworms,                      Plant Bugs,                      Rindworms,                      Squash Bugs,                      Squash Vine Borer,                      Stink Bugs,                      Tobacco Budworm,</p> <p><b>RATE:</b>                      2.6 to 6.4 fl. oz. (0.04 to 0.1 lb. ai) per acre</p> <p><b>PESTS:</b>                      Whitefly,                      Banks Grass Mite,                      Twospotted spider Mite,</p>	Apply in a minimum of 5 gallons of finished spray per acre by air or in a minimum of 20 gallons per acre with ground equipment.  When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray.  Thorough coverage is essential to achieve control.

Master Label – April 28, 2006  
 [California use directions included]

Pumpkin ( <i>Cucurbita</i> spp.), Squash, summer (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini). Squash, winter (includes butternut squash, calabaza, hubbard squash ( <i>C. mixta</i> ; <i>C. pepo</i> ) (includes acorn squash, spaghetti squash), Watermelon (includes hybrids and/or varieties of <i>Citrullus</i> spp.).	Carmine Mite, <i>Lygus</i> spp.  <b>RATE:</b> 5.12 to 6.4 fl. oz. (0.08 to 0.1 lb. ai) per acre	
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>• Do not apply more than 0.3 lb. active ingredient (19.2 ounces formulated product) per acre per season.</li> <li>• Do not make more than two applications after bloom.</li> <li>• Do not make applications less than 7 days apart.</li> <li>• Do not apply within 3 days of harvest.</li> </ul>		

**EGGPLANT**

Apply as directed using the rates in the table below.

PEST	RATE	APPLICATION INSTRUCTIONS
Armyworms, Cabbage Looper, Colorado Potato Beetle, Corn Earworm, Cucumber Beetle, European Corn Borer, Flea Beetle, Plant Bugs, Stink Bugs, Thrips, Tomato Hornworm, Tomato Pinworm, Vegetable Leafminer, Whitefly	2.1 to 6.4 fl. oz. (0.033 to 0.10 lb. ai) per acre	Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment.  When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray.  Thorough coverage is essential to achieve control.
Banks Grass Mite, Twospotted Spider Mite Carmine Mite, Pacific Spider Mite, <i>Lygus</i> spp.	5.12 to 6.4 fl. oz. (0.08 to 0.10 lb. ai) per acre	

Master Label – April 28, 2006  
 [California use directions included]

**RESTRICTIONS:**

- Do not make applications less than 7 days apart.
- Do not apply more than 0.2 lb. active ingredient (12.8 ounces formulated product) per acre per season.
- Do not apply within 7 days of harvest.

**GRAPES**

(Not for use in California)  
 Apply as directed using the rates in the table below.

PEST	RATE	APPLICATION INSTRUCTIONS
Cutworms, Eastern Grape Leafhopper, Grape Berry Moth, Japanese Beetles Adults, Variegated Leafhopper, Western Grape Leafhopper	3.2 to 6.4 fl. oz. (0.05 to 0.10 lb. ai) per acre	Apply in a minimum of 10 gallons of finished spray by air or in a minimum of 25 gallons of finished spray with ground equipment.
Black Vine Weevil, Glassywinged Sharpshooter, Twospotted Spider Mite	6.4 fl. oz. (0.10 lb. ai) per acre	When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.  When pest pressure is moderate to severe, use higher rate.

**RESTRICTIONS:**

- Do not apply more than 0.10 lb. ai per acre per season.
- Do not apply within 30 days of harvest.

**HOPS**

Apply as directed using the rates in the table below.

PEST	RATE	APPLICATION INSTRUCTIONS
Aphids, Armyworms, Cutworms, Leafrollers, Loopers	3.8 to 6.4 fl. oz. (0.06 to 0.1 lb. ai) per acre	<b>Application by ground:</b> For best results, full coverage is essential. Early season - recommend 100-150 gallons of spray per acre. Late season - recommend 200-250 gallons of spray per acre.
Root Weevils	3.2 to 6.4 fl. oz. (0.05 to 0.1 lb. ai) per acre	For <b>Root Weevil</b> control, make a directed spray to the base of the plant. Spray up the vine 3 feet and the soil surface 1.5 to 2 feet on either side of the plant.
Twospotted Spider Mite	6.4 fl. oz (0.1 lb. ai) per acre	<b>Application by air for late season control of Twospotted Spider Mites:</b> Apply no less than 6.4 oz (0.1 lb ai) per application in a minimum of 10 gallons per acre.

23/42

Master Label – April 28, 2006  
 [California use directions included]

		Use of ultra low volume (ULV) application on hops is prohibited.
--	--	--

- RESTRICTIONS:**
- Do not exceed 0.1 lb. ai per acre per application.
  - Do not exceed 0.3 lb. ai per acre per season.
  - A spray interval of 21 days between applications must be maintained.
  - A 14-day preharvest interval must be observed.

**LETTUCE, HEAD**

Apply as directed using the rates in the table below.

PEST	RATE	APPLICATION INSTRUCTIONS
Aphids, Armyworms, Cabbage Maggot, Corn Earworm, Cucumber Beetles, Cutworms, Diamondback Moth, Flea Beetle, Imported Cabbageworm, Leafhoppers, Loopers, Salt marsh Caterpillar, Stink Bug spp., Thrips, Tobacco Budworm, Whitefly	2.1 to 6.4 fl. oz. (0.033 to 0.10 lb. ai) per acre	Apply in water as necessary for insect control using a minimum of 15 gallons of finished spray per acre with ground equipment and 5 gallons per acre by air.  When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray.  Thorough coverage is essential to achieve control.
<i>Lygus</i> spp., Carmin Mite, Twospotted Spider Mite	5.12 to 6.4 fl. oz. (0.08 to 0.10 lb. ai) per acre	

- RESTRICTIONS:**
- Do not make applications less than 7 days apart.
  - A maximum of 0.5 lb. active ingredient may be applied per acre per season.
  - Do not apply within 7 days of harvest.

24/42

Master Label – April 28, 2006  
 [California use directions included]

**LIMA BEAN (GREEN)**

(For use in California only)

Apply as directed using the rates in the table below.

PEST	RATE	APPLICATION INSTRUCTIONS
Flea Beetle, Leafhoppers	1.6 to 6.4 fl. oz. (0.025 to 0.10 lb. ai) per acre	Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment.  When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray.  Thorough coverage is essential to achieve control.
Plant Bug, Stink Bugs, Corn Earworm, Loopers, Whitefly	2.1 to 6.4 fl. oz. (0.033 to 0.10 lb. ai) per acre	
Banks Grass Mite, Twospotted Spider Mite, Carmin Mite, Lygus spp.	5.12 to 6.4 fl. oz. (0.08 to 0.10 lb. ai) per acre	
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>• Do not apply more than 0.2 lb. active ingredient (12.8 ounces formulated product) per acre per season.</li> <li>• Do not apply within 3 days of harvest.</li> <li>• Do not apply within 9 days of harvest for peas/beans that are hand-harvested.]</li> </ul>		

**PEARS**

Apply as directed using the rates in the table below.

PEST	RATE	APPLICATION INSTRUCTIONS
Aphids, Codling Moth, Cutworms, Green Fruitworm, Leafhopper, Leafminer, Leafroller, Lygus spp., Plant Bugs, Plum Curculio, San Jose Scale (Crawlers), Stink Bugs, Tarnished Plant Bug	2.6 to 12.8 fl. oz. (0.04 to 0.2 lb. ai) per acre	<b>Application by ground:</b> Apply as a dilute (minimum of 200 gallons of finished spray per acre) or concentrate (minimum of 50 gallons of finished spray per acre) spray in sufficient water to provide thorough coverage.  <b>Application by air:</b> Apply the specified dosage in a minimum of 10 gallons per acre by air.  Apply as necessary to maintain control using a minimum of 30 day spray interval.  Apply up to 14 days prior to harvest.
Twospotted Spider Mite, Yellow Mite	3.8 to 12.8 fl. oz. (0.06 to 0.2 lb. ai) per acre	
European Red Mite	5.12 to 12.8 fl. oz. (0.08 to 0.2 lb. ai) per acre	



25/42

Master Label – April 28, 2006  
 [California use directions included]

**RESTRICTIONS:**

- Do not apply more than 0.5 pound active per acre per season with no more than 0.45 pound active per acre applied after petal fall.
- Do not graze livestock in treated orchards or cut treated cover crops for feed.

**PEPPERS, BELL AND NON-BELL**

Apply as directed using the rates in the table below.

PEST	RATE	APPLICATION INSTRUCTIONS
Aphids, Armyworms, Corn Earworm, Cucumber Beetle, Cutworms, European Corn Borer, Flea Beetle, Leafhoppers, Leafminers, Loopers, Pepper Weevil, Stink Bug spp., Thrips, Tobacco Budworm, Whitefly	2.1 to 6.4 fl. oz. (0.033 to 0.1lb. ai) per acre	Apply using sufficient water to obtain uniform coverage. Apply as needed. Apply with ground equipment using a minimum of 10 gallons of finished spray per acre or a minimum of 2 gallons per acre by aircraft.
Lygus spp., Broad Mite, Carmin Mite, Twospotted Spider Mite	5.12 to 6.4 fl. oz. (0.08 to 0.10 lb. ai) per acre	

**RESTRICTIONS:**

- Do not make applications less than 7 days apart.
- Do not apply more than 0.20 pound active ingredient per acre per season.
- Do not apply within 7 days of harvest.

**SPINACH**

Apply as directed using the rates in the table below.

PEST	RATE	APPLICATION INSTRUCTIONS
Armyworms, Colorado Potato Beetle, Corn Earworm, Cucumber Beetles, Cutworms, European Corn Borer, Flea Beetles, Leafminers, Loopers,	2.1 to 6.4 fl. oz. (0.033 to 0.10 lb. ai) per acre	Apply the specified dosage in 5-50 gallons of finished spray per acre by air or 10-50 gallons of finished spray per acre by ground.  For control of <b>Whiteflies</b> , apply foliar treatments of Bifenthrin 25% EC Insecticide/Miticide insecticide by ground or air at rates of up to 0.4 pt. (0.1 lb active) per

26/42

Master Label – April 28, 2006  
 [California use directions included]

Pepper Weevil, Thrips, Tomato Pinworm, Tomato Hornworm, Whitefly		acre at minimum 7-day intervals up to a maximum of 4 applications.
Broad mite, Banks Grass Mite, Twospotted Spider Mite, Carmine Mite, Pacific Spider Mite, <i>Lygus</i> spp., Fire Ants	5.12 to 6.4 fl. oz. (0.08 to 0.10 lb. ai) per acre	For control of <b>Fire Ants</b> , apply Bifenthrin 25% EC Insecticide/Miticide insecticide to the soil (at planting) or as a foliar treatment by ground or air at rates up to 0.4 pt. (0.1 lb. active) per acre at minimum 7-day intervals up to a maximum of 4 applications.

**RESTRICTIONS:**

- Do not make applications less than 7 days apart.
- Do not apply more than 0.4 pound active ingredient per acre per season.
- Do not apply within 40 days of harvest.

**SUCCULENT PEAS AND BEANS**

Apply as directed at the table rates below.

CROP	PEST	RATE	APPLICATION INSTRUCTIONS
Peas ( <i>Pisum</i> spp.) including: Dwarf pea, Edible-pod pea, English pea, Garden pea, Green pea, Snow pea, Sugar snap pea, Pigeon pea Bean ( <i>Phaseolus</i> spp.) including: Broadbean(succulent), Lima bean (green), Runner bean, Snap bean, Wax bean Bean ( <i>Vigna</i> spp.) including: Asparagus bean, Blackeyed pea, Chinese longbean, Cowpea, Moth bean, Southern pea, Yardlong bean, Jackbean, Soybean	Flea Beetle, Grasshoppers, Aster Leafhopper, Leafhoppers	1.6 to 6.4 fl. oz. (0.025 to 0.10 lb. ai) per acre	Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment.  When applying by air, 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray.  Thorough coverage is essential to achieve control.
	Aphids, Beet Armyworm, Fall Armyworm, Southern Armyworm, Yellowstriped Armyworm, Bean Leaf Beetle, Cucumber Beetle, Japanese Beetle Adult, Sap Beetle, Plant Bugs, Stink Bugs, Tarnished Plant Bug, Alfalfa Caterpillar, Clover Worm, European Corn Borer, Cutworms, Western Bean Cutworm, Corn Earworm, Loopers,	2.1 to 6.4 fl. oz. (0.033 to 0.10 lb. ai) per acre	

Master Label – April 28, 2006  
 [California use directions included]

(immature seed), Sword bean	Corn Rootworm Adult, Thrips, Webworms, Pea Weevil, Pea Leaf Weevil, Whitefly		
	Banks Grass Mite, Twospotted Spider Mite, Carmin Mite, <i>Lygus</i> spp.	5.12 to 6.4 fl. oz. (0.08 to 0.10 lb. ai) per acre	

**RESTRICTIONS:**

- Do not apply more than 0.2 lb. active ingredient (12.8 ounces formulated product) per acre per season.
- Do not apply within 3 days of harvest.

**TOMATOES**

Apply as directed at a rate of 2.1 to 5.2 fl. oz. (0.033 to 0.08 lb. ai) per acre.

PEST	APPLICATION INSTRUCTIONS
Aphids, Armyworms including: Beet Armyworm, Fall Armyworm, Southern Yellowstriped Armyworm, Bean Leaf Beetle Cabbageworm, Carmine Mite, Cloverworm, Corn Earworm, Corn Rootworm, Cucumber Beetle. Cutworms, Diamondback Moth, European Corn Borer, Flea Beetles, Flea Hopper, Grasshoppers, Japanese Beetle (Adult), Leafhoppers, Loopers, <i>Lygus</i> spp., Melonworms, Pea Weevil, Pea Leaf Weevil, Pickleworms, Plant Bugs,	Apply in water as necessary for insect control using a minimum of 15 gallons of finished spray per acre with ground equipment.  Thorough coverage is essential to achieve control.

28/42

Master Label – April 28, 2006  
 [California use directions included]

Rindworm, Saltmarsh Caterpillar, Sap Beetle, Seedpod Weevil, Squash Bugs, Stink Bug spp., Tobacco Budworm, Tarnished Plant Bug, Thrips, Twospotted Spider Mite, Whitefly	
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>• Do not make applications less than 10 days apart.</li> <li>• A maximum of 4 applications may be applied per season.</li> <li>• Do not apply within one day of harvest.</li> </ul>	

**ALFALFA GROWN FOR SEED**

(For use in the state of Arizona, Idaho, Nevada, North Dakota, Oregon, Utah, Washington, Wyoming only)

Apply as directed at a rate of 3.9 to 6.4 fl. oz. (0.06 to 0.10 lb. ai) per acre.

**APPLICATION INSTRUCTIONS:**

Apply in a minimum of 5 gallons of water per acre by air equipment or a minimum of 20 gallons of water by ground equipment.

Refer to Chemigation Use Directions on pages 5 and 6.

Follow Spray Drift Precautions on pages 6 and 7 unless specific instructions are provided in the tables below.

**RESTRICTIONS:**

- Do not apply more than 6.4 fl. oz. (0.1 lb. ai) per acre per treatment.
- Do not apply more than three (3) applications per year (19.2 fl. oz./acre or 0.3 lb. ai/acre).
- Rotational crops may be planted no sooner than 30 days after last application.
- Do not cut treated alfalfa seed crop for hay or forage.
- Do not graze treated alfalfa seed crop.
- Treated alfalfa seed is not to be used for sprouting.
- All seed alfalfa treated with Bifenthrin 25% EC Insecticide/Miticide is to be tagged at the conditioning/processing plant "Not for human or animal consumption."
- It shall be the grower's responsibility to notify the conditioning/processing plant of any seed crop treated with Bifenthrin 25% EC Insecticide/Miticide.
- Screenings from seed processing are prohibited from feed channels. All Bifenthrin 25% EC Insecticide/Miticide treated alfalfa seed screenings must be removed from the feed market.

PEST	STATE	APPLICATION INSTRUCTIONS
Spider Mites	Arizona	When applying by air, 1 qt. of emulsified oil may be substituted for 1 qt. of water in the finished spray.

29/42

		Bifenthrin 25% EC Insecticide/Miticide should be mixed and loaded using systems that comply with accepted standards that identify a closed mixing system.
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>• If blooming crop or blooming weeds are present in the field to be sprayed, the use of Bifenthrin 25% EC Insecticide/Miticide shall be limited to that period between one (1) hour after sunset to three (3) hours before sunset.</li> <li>• Do not apply by ground equipment within 25 feet, or by air within 75 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.</li> <li>• Do not apply within 100 yards of aquatic habitat that support endangered species.</li> </ul>		
Lygus Bugs Weevils Aphids Spider Mites	Idaho	Make aerial or ground applications when the wind velocity favors on target product disposition (approximately 3 to 7 MPH). Do not apply when wind velocity exceeds 7 MPH.
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>• Do not apply by ground equipment within 25 feet, or by air within 75 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.</li> </ul>		
Lygus Bugs Aphids Spider Mites	Nevada	When applying by air, 1 qt. of emulsified oil may be substituted for 1 qt. of water in the finished spray.  Bifenthrin 25% EC Insecticide/Miticide should be mixed and loaded using systems that comply with accepted standards that identify a closed mixing system.
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>• Do not apply by ground equipment within 25 feet, or by air within 75 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.</li> <li>• Maintain a minimum of 21 days between Bifenthrin 25% EC Insecticide/Miticide treatments.</li> </ul>		
Lygus Bugs Weevils Aphids Spider Mites	North Dakota	When applying by air, 1 qt. of emulsified oil may be substituted for 1 qt. of water in the finished spray.  Bifenthrin 25% EC Insecticide/Miticide should be mixed and loaded using systems that comply with accepted standards that identify a closed mixing system.
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>• Do not apply Bifenthrin 25% EC Insecticide/Miticide within 200 feet of fish-bearing waters using ground equipment or within 0.25 miles using aircraft.</li> <li>• Burleigh, Dunn, McKenzie, and Sioux counties all contain habitat for the pallid sturgeon listed as endangered in North Dakota. Consult the Fish and Wildlife Service to identify habitat waters to insure protection of the pallid sturgeon. Do not apply Bifenthrin 25% EC Insecticide/Miticide within 500 feet by ground or 0.25 miles by air of habitat of the pallid sturgeon.</li> </ul>		
Lygus Bugs Weevils Aphids Spider Mites	Oregon	Bifenthrin 25% EC Insecticide/Miticide should be mixed and loaded using systems that comply with accepted standards that identify a closed mixing system. That system should be designed and operated in such a manner to minimize human exposure to the formulated product or the mixed spray solution. Follow state directions for closed systems. For more details, contact your State Extension Service.
<b>RESTRICTIONS:</b>		
<ul style="list-style-type: none"> <li>• Do not apply by ground equipment within 25 feet, or by air within 75 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.</li> <li>• Maintain a minimum of 21 days between Bifenthrin 25% EC Insecticide/Miticide treatments.</li> </ul>		

Master Label – April 28, 2006  
 [California use directions included]

- For use only on fields of alfalfa grown for seed operated by members of the Oregon Alfalfa Seed Growers Association, Gardenia Seed Growers Association, Inc., or Josephine Growers Association, and located in Malheur, Umatilla, Morrow, Jackson, or Josephine Counties or Oregon.
- For use only on fields in the production of alfalfa seed. Not for use on fields producing alfalfa for livestock feed. No portion of the treated field, including seed, seed screenings, hay, forage or stubble, may be used for human or animal feed.
- Producers of alfalfa seed who use Bifenthrin 25% EC Insecticide/Miticide, or cause the product to be used on fields they operate, are required to inform, in writing, conditioners receiving seed produced on treated fields of the product's use. A copy of the label is required to be provided to the conditioner of the producer.
- Use of Bifenthrin 25% EC Insecticide/Miticide according to this label is deemed a non-food use.

Lygus Bugs Weevils Aphids Spider Mites	Utah	Follow instructions appearing above this table.
---	------	---

**RESTRICTIONS:**

- Do not apply by ground equipment within 25 feet, or by air within 75 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.
- Maintain a minimum of 21 days between Bifenthrin 25% EC Insecticide/Miticide treatments.
- **ENDANGERED SPECIES RESTRICTIONS:** Bifenthrin 25% EC Insecticide/Miticide may pose a hazard to endangered aquatic species. Do not apply this product within 100 yards of aquatic habitat in Washington or Utah counties.

Lygus Bugs Weevils Aphids Spider Mites	Washington	When applying by air, 1-2 qts. of emulsified oil may be substituted for 1-2 qts. of water in the finished spray.
---	------------	--

**RESTRICTIONS:**

- Maintain a minimum of 21 days between Bifenthrin 25% EC Insecticide/Miticide treatments.
- This pesticide is extremely toxic to fish and aquatic invertebrates. Bifenthrin 25% EC Insecticide/Miticide should not be used where impact on listed threatened or endangered species is likely. Refer to the WSDA Endangered Species Program web site at <http://agr.wa.gov/PestFert/EnvResources/EngangSpecies.htm> or contact the Washington Department of Fish & Wildlife, National Marine Fisheries Service (NOAA Fisheries) or US Fish & Wildlife Service for additional restrictions and precautions to protect aquatic organisms.
- All alfalfa seed screenings shall be disposed of in such a way that cannot be distributed or used for human food or animal feed. The seed conditioner shall keep records of screening disposal for three years from the date of disposal and shall furnish the records to the director immediately upon request. Conditioner disposal records shall consist of documentation of on-farm disposal, disposal at a controlled dumpsite, incinerator, composter, or other equivalent disposal site and shall include the lot numbers, amounts of material disposed of, the growers(s), and the date of disposal.
- No portion of the alfalfa seed plant, including but not limited to green chop, hay, pellets, meal, whole seed, cracked seed, roots, bulbs, leaves and seed screenings may be used or distributed for food or feed purposes.
- Alfalfa seed shall bear a tag or container label which forbids use of the seed for human consumption or animal feed.
- Alfalfa seed may not be distributed for human consumption or animal feed.
- This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply the 3.9 to 6.4 fl. oz. (0.06 to 0.10 lb. ai) per acre rate of this product to blooming alfalfa grown for seed, apply as a pre-bloom or post-bloom spray only. Applications of the 2 fl. oz. (0.032 lb. ai) per acre rate of this product to blooming alfalfa grown for seed must be timed to coincide with periods of minimum bee activity, between late evening and midnight.
- Note: The 2 fl. oz. rate is provided in order to minimize the hazard to pollinators. This low rate is

Master Label – April 28, 2006  
[California use directions included]

<p>legal, but the efficacy may not be as good as the full label rate. The User must accept this reduced efficacy in order to protect pollinators.</p> <ul style="list-style-type: none"> <li>WSDA Container Disposal Guidance: Pesticide containers must be properly cleaned prior to disposal. The best time to clean empty pesticide containers is during mixing and loading, because residue can be difficult to remove after it dries. Triple rinse (or pressure rinse) the pesticide container, empty all pesticide rinse water into the spray tank, and apply to a labeled crop or site. Recycling cleaned containers is the best method of container disposal. Information regarding the recycling of empty and cleaned plastic containers in Washington is available on the internet from WSU at <a href="http://pep.wsu.edu/waste/wd.html">http://pep.wsu.edu/waste/wd.html</a> or from WSDA at <a href="http://agr.wa.gov/PestFert/Pesticides/Waste/Pesticide.htm">http://agr.wa.gov/PestFert/Pesticides/Waste/Pesticide.htm</a>. Cleaned containers may also be disposed of in a sanitary landfill, if permitted by the county. Burning is not a legal method of container disposal in Washington.</li> </ul>		
<p>Lygus Bugs Weevils Aphids Spider Mites</p>	<p>Wyoming</p>	<p>Follow instructions appearing above this table.</p>
<p><b>RESTRICTIONS:</b></p> <ul style="list-style-type: none"> <li>Do not apply product when weather conditions would favor drift or run-off from a proposed treatment site.</li> <li>Do not apply within 500 feet of bodies of water containing fish or aquatic invertebrates.</li> </ul>		

**CARROTS GROWN FOR SEED**

**Hybrid or Open Pollinated**  
**(For use in the states of Idaho, Nevada, Oregon and Washington only)**

Apply as directed at a rate of 3.9 to 6.4 fl. oz. (0.06 to 0.10 lb. ai) per acre.

**APPLICATION INSTRUCTIONS:**

Apply in a minimum of 8 gallons of water per acre by air equipment or a minimum of 20 gallons of water by ground equipment.

Refer to Chemigation Use Directions on pages 5 and 6 unless prohibited in the tables below.

Follow Spray Drift Precautions on pages 6 and 7 unless specific instructions are provided in the tables below.

**RESTRICTIONS:**

- Do not apply more than 6.4 fl. oz. (0.1 lb. ai) per acre per treatment.
- Do not apply more than three (3) applications per year (19.2 fl. oz./acre or 0.3 lb. ai/acre).
- All seed treated with Bifenthrin 25% EC Insecticide/Miticide is to be tagged at the conditioning/processing plant "Not for human or animal consumption."
- It shall be the grower's responsibility to notify the conditioning/processing plant of any seed crop treated with Bifenthrin 25% EC Insecticide/Miticide.
- Screenings from seed processing are prohibited from feed channels. All Bifenthrin 25% EC Insecticide/Miticide treated seed screenings must be removed from the feed market.

32/42

Master Label – April 28, 2006  
 [California use directions included]

PEST	STATE	APPLICATION INSTRUCTIONS
Lygus Bugs Aphids Spider Mites	Idaho	May be used only in the pre-bloom or post-bloom period. Bees, used for pollination, should not be introduced into the fields within 5 days of the pre-bloom application. Bees, used for pollination, must be removed from the field before post-bloom application.
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>• Do not graze current year's treated seed crop.</li> <li>• Do not apply directly to water or wetlands (swamps, bogs, marches, and potholes).</li> </ul>		
Lygus Bugs Aphids Spider Mites	Nevada	May be used only in the pre-bloom or post-bloom period. Bees, used for pollination, should not be introduced into the fields within 5 days of the pre-bloom application. Bees, used for pollination, must be removed from the field before post-bloom application.
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>• Maintain a minimum of 21 days between treatments.</li> <li>• Do not apply by ground equipment within 25 feet, or by air within 75 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.</li> <li>• Do not apply directly to water or wetlands (swamps, bogs, marches, and potholes).</li> <li>• Do not graze current year's treated seed crop.</li> <li>• For this particular use, do not apply this product through any type of irrigation system.</li> </ul>		
Lygus Bugs Aphids Spider Mites	Oregon	May be used only in the pre-bloom or post-bloom period. Bees, used for pollination, should not be introduced into the fields within 5 days of the pre-bloom application. Bees, used for pollination, must be removed from the field before post-bloom application.
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>• Maintain a minimum of 21 days between treatments.</li> <li>• For this particular use, do not apply this product through chemigation.</li> <li>• The pesticide applicator, the producer of the carrot seed and the seed conditioner must be aware that use of this product according to this labeling is deemed non-feed/non-food use by the Oregon Department of Agriculture. If the applicator of this pesticide is not the producer, the applicator should provide a copy of this labeling to the producer of the crop. Producers of this crop who use this product, or cause the product to be used on a field they operate, should provide a copy of this label to the seed conditioner.</li> <li>• This pesticide does not have an established pesticide residue tolerance for this crop. No portion of this seed crop may be used or distributed for food or feed. No portion of the carrot seed plant, including but not limited to green chop, hay, pellets, meal, whole seed, cracked seed, roots, bulbs, foliage, and seed screenings, and to the grazing of the crop field, stubble or regrowth. All seed screenings shall be disposed of in such a manner that the screenings cannot be distributed or used for food or feed purposes.</li> <li>• Any seed from a field treated with this pesticide shall bear specific and conspicuous container labeling, or if shipped in bulk, on the shipment invoice or bill of lading – <i>"This seed was produced using one or more products for which the United States Environmental Protection Agency has not established pesticide residue tolerances. This seed, in whole, as sprouts, or in any form, may violate requirements of the Federal Food and Drug Administration, the Oregon Department of Agriculture and other regulatory agencies."</i></li> </ul>		
Lygus Bugs Aphids Spider Mites	Washington	Follow instructions appearing above this table.



**RESTRICTIONS:**

- Maintain a minimum of 21 days between Bifenthrin 25% EC Insecticide/Miticide treatments.
- Rotational Crops may be planted no sooner than 30 days after last application.
- This pesticide is extremely toxic to fish and aquatic invertebrates. Bifenthrin 25% EC Insecticide/Miticide should not be used where impact on listed threatened or endangered species is likely. Refer to the WSDA Endangered Species Program web site at [http://agr.wa.gov/PestFert/EnvResources/EndangSpecies .htm](http://agr.wa.gov/PestFert/EnvResources/EndangSpecies.htm) or contact the Washington Department of Fish & Wildlife, National Marine Fisheries Service (NOAA Fisheries) or US Fish & Wildlife Service for additional restrictions and precautions to protect aquatic organisms.
- All carrot seed screenings shall be disposed of in such a way that cannot be distributed or used for human food or animal feed. The seed conditioner shall keep records of screening disposal for three years from the date of disposal and shall furnish the records to the director immediately upon request. Conditioner disposal records shall consist of documentation of on-farm disposal, disposal at a controlled dumpsite, incinerator, composter, or other equivalent disposal site and shall include the lot numbers, amounts of material disposed of, the grower(s), and the date of disposal.
- No portion of the carrot seed plant, including but not limited to green chop, hay, pellets, meal, whole seed, cracked seed, roots, bulbs, leaves and seed screenings may be used or distributed for food or feed purposes.
- Carrot seed shall bear a tag or container label which forbids use of the seed for human consumption or animal feed.
- Carrot seed may not be distributed for human consumption or animal feed.
- This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply the 3.9 to 6.4 fl. oz. (0.06 to 0.10 lb. ai) per acre rate of this product to blooming carrot grown for seed, apply as a pre-bloom or post-bloom spray only. Applications of the 2 fl. oz. (0.032 lb. ai) per acre rate of this product to blooming carrot grown for seed must be timed to coincide with periods of minimum bee activity, between late evening and midnight.
- Note: The 2 fl. oz. rate is provided in order to minimize the hazard to pollinators. This low rate is legal, but the efficacy may not be as good as the full label rate. The User must accept this reduced efficacy in order to protect pollinators.
- WSDA Container Disposal Guidance: Pesticide containers must be properly cleaned prior to disposal. The best time to clean empty pesticide containers is during mixing and loading, because residue can be difficult to remove after it dries. Triple rinse (or pressure rinse) the pesticide container, empty all pesticide rinse water into the spray tank, and apply to a labeled crop or site. Recycling cleaned containers is the best method of container disposal. Information regarding the recycling of empty and cleaned plastic containers in Washington is available on the internet from WSU at <http://pep.wsu.edu/waste/wd.html> or from WSDA at <http://agr.wa.gov/PestFert/Pesticides/Waste/Pesticide.htm>. Cleaned containers may also be disposed of in a sanitary landfill, if permitted by the county. Burning is not a legal method of container disposal in Washington.

34/42

Master Label – April 28, 2006  
[California use directions included]

**CHRISTMAS TREES**  
**(For use in the states of Oregon and Washington only)**

Apply as directed at a rate of 3.9 to 6.4 fl. oz. (0.06 to 0.10 lb. ai) per acre.

**APPLICATION INSTRUCTIONS:**

Apply in a minimum of 5 gallons of water per acre by air equipment or a minimum of 20 gallons of water by ground equipment.

Refer to Chemigation Use Directions on pages 5 and 6 unless prohibited in the tables below.

Follow Spray Drift Precautions on pages 6 and 7 unless specific instructions are provided in the tables below.

**RESTRICTIONS:**

- Do not apply more than 6.4 fl. oz. (0.1 lb. ai) per acre per treatment.
- Do not apply more than three (3) applications per year (19.2 fl. oz./acre or 0.3 lb. ai/acre).
- Maintain a minimum of 21 days between Bifenthrin 25% EC Insecticide/Miticide treatments.
- Not all species and varieties have been tested with this product. Before a full scale application, treat a few plants for observation.

PEST	STATE	APPLICATION INSTRUCTIONS
Root Weevil Spruce Spider Mite	Oregon	Follow instructions appearing above this table.
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>• Do not apply by ground equipment within 25 feet, or by air within 75 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.</li> </ul>		
Root Weevil Spruce Spider Mite	Washington	Follow instructions appearing above this table.
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>• For this particular use, do not apply this product through chemigation.</li> <li>• This pesticide is extremely toxic to fish and aquatic invertebrates. Bifenthrin 25% EC Insecticide/Miticide should not be used where impact on listed threatened or endangered species is likely. Refer to the WSDA Endangered Species Program web site at <a href="http://agr.wa.gov/PestFert/EnvResources/EndangSpecies.htm">http://agr.wa.gov/PestFert/EnvResources/EndangSpecies.htm</a> or contact the Washington Department of Fish &amp; Wildlife, National Marine Fisheries Service (NOAA Fisheries) or US Fish &amp; Wildlife Service for additional restrictions and precautions to protect aquatic organisms.</li> <li>• WSDA Container Disposal Guidance: Pesticide containers must be properly cleaned prior to disposal. The best time to clean empty pesticide containers is during mixing and loading, because residue can be difficult to remove after it dries. Triple rinse (or pressure rinse) the pesticide container, empty all pesticide rinse water into the spray tank, and apply to a labeled crop or site. Recycling cleaned containers is the best method of container disposal. Information regarding the recycling of empty and cleaned plastic containers in Washington is available on the internet from WSU at <a href="http://pep.wsu.edu/waste/wd.html">http://pep.wsu.edu/waste/wd.html</a> or from WSDA at <a href="http://agr.wa.gov/PestFert/Pesticides/Waste/Pesticide.htm">http://agr.wa.gov/PestFert/Pesticides/Waste/Pesticide.htm</a>. Cleaned containers may also be disposed of in a sanitary landfill, if permitted by the county. Burning is not a legal method of container disposal in Washington.</li> </ul>		

35/42

Master Label – April 28, 2006  
 [California use directions included]

**CLOVER GROWN FOR SEED**  
**(For use in the states of California, Idaho and Oregon only)**

**APPLICATION INSTRUCTIONS:**

Apply in a minimum of 5 gallons of water per acre by air equipment or a minimum of 20 gallons of water by ground equipment.

Refer to Chemigation Use Directions on pages 5 and 6.

Follow Spray Drift Precautions on pages 6 and 7 unless specific instructions are provided in the tables below.

**RESTRICTIONS:**

- Do not apply more than 6.4 fl. oz. (0.1 lb. ai) per acre per treatment.
- Do not apply more than three (3) applications per year (19.2 fl. oz./acre or 0.3 lb. ai/acre).
- In California, do not apply more than 2 applications per year when aphids occur.
- Maintain a minimum of 21 days between Bifenthrin 25% EC Insecticide/Miticide treatments.
- All seed treated with Bifenthrin 25% EC Insecticide/Miticide is to be tagged at the conditioning/processing plant "Not for human or animal consumption."
- It shall be the grower's responsibility to notify the conditioning/processing plant of any seed crop treated with Bifenthrin 25% EC Insecticide/Miticide.
- Screenings from seed processing are prohibited from feed channels. All Bifenthrin 25% EC Insecticide/Miticide treated seed screenings must be removed from the feed market.

PEST	STATE	APPLICATION RATE	APPLICATION INSTRUCTIONS
Spotted Alfalfa Aphid	California	6.4 fl. oz. (0.10 lb. ai) per acre.	Follow instructions appearing above this table.
<ul style="list-style-type: none"> <li>• REI for reentry to treated fields is 12 hours.</li> <li>• Scouts may not enter treated areas for 7 days after application.</li> <li>• For tractor drivers, irrigators, beekeepers, and nonroutine cultural activities – enter after spray has dried wearing the personal protective equipment consisting of the following: coveralls, chemical-resistant gloves such as barrier laminate, nitril rubber, neoprene rubber or viton, and shoes plus socks.</li> <li>• The preharvest interval is 14 days.</li> <li>• Rotational crops may be planted no sooner than 30 days after the last application.</li> <li>• Clover seed from treated fields may not be used for animal consumption.</li> <li>• No part of the clover plants that have been treated with this product may be used for feed or food use for 11 months from the date of the last application (including grazing).</li> <li>• The grower is responsible for preventing any part of the treated plant material, including but not limited to green chop, hay, straw, whole seed, and seed screenings, from being used for food or feed use. These products may be disposed of using one of the following methods: a) dispersal at a controlled dump site; b) incineration; c) use by a cogeneration facility; d) use as a soil amendment; e) disposal on a growers property.</li> <li>• The grower must provide the seed conditioner with a copy of the Seed Conditioner Notification stating that the lot of seed being delivered is from clover fields that have been treated with this product. All seed screening from fields treated with this product shall be disposed of by the seed conditioner in one of the ways mentioned above.</li> <li>• A copy of the seed conditioner notifications shall remain on file with the grower for a period of not less than two years. A second copy is to be signed by the conditioner and mailed to the County</li> </ul>			

36/42

Master Label – April 28, 2006  
 [California use directions included]

Agricultural Commissioner's office by the grower within seven days of delivery of the seed to the conditioner.]			
Lygus Bugs Aphids Weevils Spider Mites	Idaho	3.8 to 6.4 fl. oz. (0.06 to 0.10 lb. ai) per acre	Follow instructions appearing above this table.
<b>RESTRICTIONS:</b>			
<ul style="list-style-type: none"> <li>• Do not apply by ground equipment within 25 feet, or by air within 75 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.</li> <li>• Do not cut treated seed crop for hay or forage.</li> <li>• Do not graze treated seed crop.</li> <li>• Treated seed is not to be used for sprouting.</li> </ul>			
Lygus Bugs Aphids Weevils Spider Mites	Oregon	3.8 to 6.4 fl. oz. (0.06 to 0.10 lb. ai) per acre	Follow instructions appearing above this table.
<b>RESTRICTIONS:</b>			
<ul style="list-style-type: none"> <li>• Use of this product according to this labeling is deemed a non-food use by the Oregon Department of Agriculture, and as such is not for use on fields producing clover for livestock feed. DO NOT feed or graze clover following a Bifenthrin 25% EC Insecticide/Miticide application. DO NOT cut treated clover for hay or for forage. DO NOT use harvested seed for sprouting. No portion of the treated field, including seed, seed screenings, hay, forage, or stubble may be used for human or animal feed.</li> <li>• Producers of clover grown for seed who use this product, or cause the product to be used on a field they operate, are required to inform in writing, conditioners receiving seed produced on fields treated with this product. A copy of the labeling must be given by the producer to the conditioner. Processed seed must be labeled "Not for human or animal consumption." All clover grown for seed screenings, hay, forage, and other crop by-products produced from treated fields, must be disposed of in such a way that they cannot be distributed or used for food or feed.</li> </ul>			

Master Label – April 28, 2006  
 [California use directions included]

### CONIFER SEED ORCHARDS

(For use in the states of Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Oklahoma, South Carolina, Tennessee, Texas, and Virginia only)

Apply as directed at a rate of 6.4 to 12.8 fl. oz. (0.1 to 0.2 lb. ai) per acre.

PEST	STATE	APPLICATION INSTRUCTIONS
Cone Worms <i>(Dioryctria spp.)</i> Seed Bugs <i>(Leptoglossus and Tetyra spp.)</i> Seed Worms <i>(Cydia spp.)</i>	Alabama Arkansas Florida Georgia Louisiana Mississippi Oklahoma South Carolina Tennessee Texas Virginia	For application by ground equipment, apply recommended dosage in 100 to 500 gallons of water per acre.  For aerial applications, apply recommended dosage in a minimum of 10 gallons of water per acre or 0.5 gallon refined vegetable oil per acre.  Thorough coverage is important.  Begin applications 7 days after peak pollen flight and continue on 30 day interval up to a maximum of 0.6 lb. ai per acre per season.  Refer to Chemigation Use Directions on page 5 and 6.  Follow Spray Drift Precautions on pages 6 and 7.
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Do not make more than 6 applications per season or apply more than 0.6 lb. ai per season.</li> <li>Do not apply more than 6.4 fl. oz. (0.1 lb. ai) per acre per treatment. Do not make more than 3 applications in a crop year. Maintain a minimum of 21 days between Bifenthrin 25% EC Insecticide/Miticicide treatments.</li> <li>Do not apply by ground equipment within 25 feet, or by air within 75 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.</li> </ul>		

### JOJOBA

(For use in the state of Arizona only)

Apply as directed at a rate of 4.0 to 6.4 fl. oz. (0.06 to 0.1 lb. ai) per acre.

PEST	APPLICATION INSTRUCTIONS
Armyworms Loopers Cutworms Spider Mites	Apply in a minimum of 3 gallons of finished spray per acre.  For spider mite control, it is necessary to use adequate spray volume to contact the underside of the leaf surface.  Refer to Chemigation Use Directions on page 5 and 6.  Follow Spray Drift Precautions on pages 6 and 7.
<b>RESTRICTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 0.5 lb. ai per acre per season.</li> <li>Do not use this material on jojoba intended for use as food or feed.</li> </ul>	

38/42

Master Label – April 28, 2006  
 [California use directions included]

**PARSLEY GROWN FOR SEED**  
**(For use in the states of Oregon and Washington only)**

Apply as directed at a rate of 3.9 to 6.4 fl. oz. (0.06 to 0.1 lb. ai) per acre.

**APPLICATION INSTRUCTIONS:**

Apply in a minimum of 8 gallons of water per acre by air equipment or a minimum of 20 gallons of water by ground equipment.

Follow Spray Drift Precautions on pages 6 and 7.

**RESTRICTIONS:**

- Do not apply more than 6.4 fl. oz. (0.1 lb. ai) per acre per treatment.
- Do not apply more than three (3) applications per year (19.2 fl. oz./acre or 0.3 lb. ai/acre).
- Maintain a minimum of 21 days between Bifenthrin 25% EC Insecticide/Miticide treatments.
- For this particular use, do not apply through chemigation.

PEST	STATE	APPLICATION INSTRUCTIONS
Lygus Bugs Aphids Spider Mites	Oregon	May be used only in the pre-bloom or post-bloom period. Bees, used for pollination, should not be introduced into the fields within 5 days of the pre-bloom application. Bees, used for pollination, must be removed from the field before post-bloom application.

**RESTRICTIONS:**

- Increase the buffer zone to 450 feet when ultra low volume (ULV) application is made.
- Do not make aerial or ground applications to parsley grown for seed if heavy rainfall is imminent.
- The pesticide applicator, the producer of the parsley seed and the seed conditioner must be aware that use of this product according to this labeling is deemed non-feed/non-food use by the Oregon Department of Agriculture. If the applicator of this pesticide is not the producer, the applicator should provide a copy of this labeling to the producer of the crop. Producers of this crop who use this product, or cause the product to be used on a field they operate, should provide a copy of this label to the seed conditioner.
- This pesticide does not have an established pesticide residue tolerance for this crop. No portion of this seed crop may be used or distributed for food or feed. No portion of the parsley seed plant, including but not limited to green chop, hay, pellets, meal, whole seed, cracked seed, roots, bulbs, foliage, and seed screenings, and to the grazing of the crop field, stubble or regrowth. All seed screenings shall be disposed of in such a manner that the screenings cannot be distributed or used for food or feed purposes.
- Any seed from a field treated with this pesticide shall bear specific and conspicuous container labeling, or if shipped in bulk, on the shipment invoice or bill of lading – *“This seed was produced using one or more products for which the United States Environmental Protection Agency has not established pesticide residue tolerances. This seed, in whole, as sprouts, or in any form, may violate requirements of the Federal Food and Drug Administration, the Oregon Department of Agriculture and other regulatory agencies.”*

Lygus Bugs Aphids Spider Mites	Washington	Follow instructions appearing above this table.
--------------------------------------	------------	---

**RESTRICTIONS:**

- Bifenthrin 25% EC Insecticide/Miticide may be used only after seed stock formation.
- Rotational crops may be planted no sooner than 30 days after last application.

Master Label – April 28, 2006  
[California use directions included]

- This pesticide is extremely toxic to fish and aquatic invertebrates. Bifenthrin 25% EC Insecticide/Miticide should not be used where impact on listed threatened or endangered species is likely. Refer to the WSDA Endangered Species Program web site at [http://agr.wa.gov/PestFert/EnvResources/EndangSpecies .htm](http://agr.wa.gov/PestFert/EnvResources/EndangSpecies.htm) or contact the Washington Department of Fish & Wildlife, National Marine Fisheries Service (NOAA Fisheries) or US Fish & Wildlife Service for additional restrictions and precautions to protect aquatic organisms.
- All parsley seed screenings shall be disposed of in such a way that cannot be distributed or used for human food or animal feed. The seed conditioner shall keep records of screening disposal for three years from the date of disposal and shall furnish the records to the director immediately upon request. Conditioner disposal records shall consist of documentation of on-farm disposal, disposal at a controlled dumpsite, incinerator, composter, or other equivalent disposal site and shall include the lot numbers, amounts of material disposed of, the growers(s), and the date of disposal.
- No portion of the parsley seed plant, including but not limited to green chop, hay, pellets, meal, whole seed, cracked seed, roots, bulbs, leaves and seed screenings may be used or distributed for food or feed purposes.
- Parsley seed shall bear a tag or container label which forbids use of the seed for human consumption or animal feed.
- Parsley seed may not be distributed for human consumption or animal feed.
- Do not apply the 3.9 to 6.4 fl. oz. (0.06 to 0.10 lb. ai) per acre rate of this product to blooming parsley grown for seed, apply as a pre-bloom or post-bloom spray only. Applications of the 2 fl. oz. (0.032 lb. ai) per acre rate of this product to blooming carrot grown for seed must be timed to coincide with periods of minimum bee activity, between late evening and midnight.
- Note: The 2 fl. oz. rate is provided in order to minimize the hazard to pollinators. This low rate is legal, but the efficacy may not be as good as the full label rate. The User must accept this reduced efficacy in order to protect pollinators.
- WSDA Container Disposal Guidance: Pesticide containers must be properly cleaned prior to disposal. The best time to clean empty pesticide containers is during mixing and loading, because residue can be difficult to remove after it dries. Triple rinse (or pressure rinse) the pesticide container, empty all pesticide rinse water into the spray tank, and apply to a labeled crop or site. Recycling cleaned containers is the best method of container disposal. Information regarding the recycling of empty and cleaned plastic containers in Washington is available on the internet from WSU at <http://pep.wsu.edu/waste/wd.html> or from WSDA at <http://agr.wa.gov/PestFert/Pesticides/Waste/Pesticide.htm>. Cleaned containers may also be disposed of in a sanitary landfill, if permitted by the county. Burning is not a legal method of container disposal in Washington.

40/42

Master Label – April 28, 2006  
 [California use directions included]

**PARSNIP GROWN FOR SEED**  
**(For use in the state of Washington only)**

Apply as directed at a rate of 3.9 to 6.4 fl. oz. (0.06 to 0.1 lb. ai) per acre.

PEST	APPLICATION INSTRUCTIONS
Lygus Bugs Aphids Spider Mites	Apply in a minimum of 8 gallons of water per acre by air equipment or in a minimum of 20 gallons of water by ground.  Follow Spray Drift Precautions on page [insert page number(s)].
<p><b>RESTRICTIONS:</b></p> <ul style="list-style-type: none"> <li>• For this particular use, do not apply through chemigation.</li> <li>• Do not apply more than 6.4 fl. oz. (0.1 lb. ai) per acre per application. Do not make more than 3 applications in a crop year. Maintain a minimum of 21 days between Bifenthrin 25% EC Insecticide/Miticide treatments. Rotational crops may be planted no sooner than 30 days after last application.</li> <li>• All parsnip seed screenings shall be disposed of in such a way that cannot be distributed or used for human food or animal feed. The seed conditioner shall keep records of screening disposal for three years from the date of disposal and shall furnish the records to the director immediately upon request. Conditioner disposal records shall consist of documentation of on-farm disposal, disposal at a controlled dumpsite, incinerator, composter, or other equivalent disposal site and shall include the lot numbers, amounts of material disposed of, the growers(s), and the date of disposal.</li> <li>• No portion of the parsnip seed plant, including but not limited to green chop, hay, pellets, meal, whole seed, cracked seed, roots, bulbs, leaves and seed screenings may be used or distributed for food or feed purposes.</li> <li>• Parsnip seed shall bear a tag or container label which forbids use of the seed for human consumption or animal feed.</li> <li>• Parsley seed may not be distributed for human consumption or animal feed.</li> <li>• This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply the 3.9 to 6.4 fl. oz. (0.06 to 0.10 lb. ai) per acre rate of this product to blooming parsley grown for seed, apply as a pre-bloom or post-bloom spray only. Applications of the 2 fl. oz. (0.032 lb. ai) per acre rate of this product to blooming carrot grown for seed must be timed to coincide with periods of minimum bee activity, between late evening and midnight.</li> <li>• Note: The 2 fl. oz. rate is provided in order to minimize the hazard to pollinators. This low rate is legal, but the efficacy may not be as good as the full label rate. The User must accept this reduced efficacy in order to protect pollinators.</li> <li>• WSDA Container Disposal Guidance: Pesticide containers must be properly cleaned prior to disposal. The best time to clean empty pesticide containers is during mixing and loading, because residue can be difficult to remove after it dries. Triple rinse (or pressure rinse) the pesticide container, empty all pesticide rinse water into the spray tank, and apply to a labeled crop or site. Recycling cleaned containers is the best method of container disposal. Information regarding the recycling of empty and cleaned plastic containers in Washington is available on the internet from WSU at <a href="http://pep.wsu.edu/waste/wd.html">http://pep.wsu.edu/waste/wd.html</a> or from WSDA at <a href="http://agr.wa.gov/PestFert/Pesticides/Waste/Pesticide.htm">http://agr.wa.gov/PestFert/Pesticides/Waste/Pesticide.htm</a>. Cleaned containers may also be disposed of in a sanitary landfill, if permitted by the county. Burning is not a legal method of container disposal in Washington.</li> </ul>	



Master Label – April 28, 2006  
 [California use directions included]

**SEED CROWN VETCH**  
**(For use in the state of South Dakota only)**

Apply as directed at a rate of 3.9 to 6.4 fl. oz. (0.06 to 0.1 lb. ai) per acre.

PEST	APPLICATION INSTRUCTIONS
Lygus Bugs Weevils Aphids Spider Mites	<p>Apply in a minimum of 5 gallons of water per acre by air equipment or in a minimum of 20 gallons of water by ground.</p> <p>When applying by air, 1 qt. of emulsified oil may be substituted for 1 qt. of water in the finish spray.</p> <p>Make aerial or ground applications when the wind velocity favors target product deposition (approximately 3-10 miles per hour). Do not apply when wind velocity exceeds 15 miles per hour.</p> <p>Refer to Chemigation Use Directions on pages 5 and 6.</p> <p>Follow Spray Drift Precautions on pages 6 and 7.</p>
<p><b>RESTRICTIONS:</b></p> <ul style="list-style-type: none"> <li>• Do not use more than 19.2 fl. oz. (0.3 lb. ai) per season or make more than 3 applications per season.</li> <li>• Rotational crops may be planted no sooner than 30 days after last application.</li> <li>• Do not apply Bifenthrin 25% EC Insecticide/Miticide within 200 feet of fish-bearing waters using ground equipment or within 0.25 miles using aircraft.</li> <li>• Bifenthrin 25% EC Insecticide/Miticide should be mixed and loaded using systems that comply with accepted standards that identify a closed mixing system.</li> <li>• Do not make more than 3 applications per season (19.2 fl. oz./acre or 0.3 lb. ai/acre).</li> <li>• Rotational crops may be planted no sooner than 30 days after last application.</li> <li>• Do not cut current year's treated crown vetch seed crop for hay or forage.</li> <li>• Do not graze current year's treated crown vetch seed crop.</li> <li>• Treated crown vetch seed is not to be used for sprouting.</li> <li>• All crown vetch seed treated with Bifenthrin 25% EC Insecticide/Miticide is to be tagged at the conditioning plant "Not for human or animal consumption." <u>It shall be the grower's responsibility to notify the conditioning plant of any seed crop treated with Bifenthrin 25% EC Insecticide/Miticide.</u></li> <li>• Screenings and seeds from seed conditioning are prohibited from feed channels. All Bifenthrin 25% EC Insecticide/Miticide treated crown vetch seed screenings must be removed from the feed market.</li> </ul>	

42/42

Master Label – April 28, 2006  
[California use directions included]

### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**BEFORE BUYING OR USING THIS PRODUCT**, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this products label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL, THIS PRODUCT IS SOLD AS IS TO THE EXTENT ALLOWED BY APPLICABLE LAW. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL, BUYER OR USER MUST SEND, TO THE EXTENT REQUIRED BY APPLICABLE LAW, WRITTEN NOTICE OF SUCH CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, 7251 WEST 4TH STREET, GREELEY, CO 80634.

TO THE EXTENT ALLOWED BY APPLICABLE LAW, THE BUYERS OR USERS EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT ALLOWED BY APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

Ammo®, Capture®, Mustang® - Registered trademarks of FMC Corporation.  
Ambush®, Karate® - Registered trademarks of Syngenta Group Company.  
Asana® - Registered trademark of E. I. DuPont de Nemours & Company.  
Baythroid®, Scout Xtra® - Registered trademarks of Bayer.  
Danitol® - Registered trademark of Sumitomo Chemical Company, Ltd.

Loveland Products, Inc.  
P.O. Box 1286  
Greeley, CO 80632