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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

AUG 13 2008

1/11

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Mr. Christopher Davis  
FMC Corporation  
1735 Market Street  
Philadelphia, PA 19103

Dear Mr. Davis:

Subject: Amendment – Response to Feb 21, 2008 letter implementing spray drift language and  
Permethrin RED risk mitigation labeling

Pounce 25 WP Insecticide

EPA Reg. No. 279-3051

Your submission dated July 5, 2008

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

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a. Revise the Hazards to Humans and Domestic Animals paragraph to read as follows:

“Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.”
  - b. The paragraphs beginning with “Follow manufacturer’s instructions for cleaning...etc” and “Discard clothing and other absorbent materials...etc” should be enclosed in a box with the heading “User Safety Requirements”.
  - c. Relocate the paragraph beginning “Do not apply this pesticide in a way...etc.” and ending “...State or Tribe, consult the agency responsible for pesticide regulation” to appear directly above the Agricultural Use Requirements box.

- d. Under the heading "Chemigation Use Requirements", delete the precaution "Do not apply when wind speed favors drift beyond the area intended for treatment." . The appropriate spray drift precautions now appear under the heading "Spray Drift Requirements".
- e. Under the heading "Buffer Zones", qualify the site "ponds" to read "natural ponds" in all locations where the term "ponds" occurs.
- f. Under the heading "Method of Application" for all crops, delete the statements "Apply as needed", "Repeat as required to maintain control", and "Repeat application as necessary to maintain control", since the crop directions now include specific retreatment intervals. Alternatively, you may reword these statements to read "Apply when insects first appear and repeat at (add the appropriate interval) intervals as needed to provide control."
- g. In the "Method of Application" entry for Sweet Corn and for Sweet corn (Florida Only), after "Apply every 3 to 5 days or as needed." add "Do not make applications less than 3 days apart."
- h. In the listing of crops under the heading "Leafy Vegetables (except Brassica)", delete the crops "Lettuce, head and leaf" since the seasonal maximum application rate is different than for the other listed crops. While you apparently recognized this by adding a separate set of directions for "Lettuce, head", it would appear that the heading should be "Lettuce, head and leaf", otherwise you will be deleting leaf lettuce.
- i. In the list of prohibitions for Pine Seed Orchards, add "Harvesting of conifer seed cones is prohibited within 30 days of application." Also, delete "Avoid contact with open water." The Environmental Hazards statement lists the appropriate prohibition with respect to application in the vicinity of water.
- j. Under "Ornamental Nursery Stock (Field Grown)" and "Roses (Greenhouse)", there is a box with the heading "Method of Application" but no directions on how (equipment) to apply the product are given. Please identify the method of application.
- k. On page eight, revise "should" to "must", so that the top sentence reads "Dealers Must Sell in Original Packages Only."
- l. Under PPE, delete the paragraphs about ULV cold foggers or fog/mist generators indoors and outdoors. There are no use patterns on the labeling using ULV cold foggers, or fog/mist generators. In place of these paragraphs, add the prohibition "Do not apply this product by ULV cold foggers or fog/mist generators."

- m. Likewise, in the beginning of the fourth paragraph, revise "All other mixers...etc." to read "All mixers...etc.". In this paragraph delete "and for all handlers performing animal dip applications", since this method of application is not listed on the label. In place of the above, add "and protective eyewear for mixers/loaders and persons exposed to the concentrate".
- n. Under Container disposal you have not indicated how to dispose of no-refillable containers. Under Rigid Containers after the recycling sentence add "If not available, puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke."

A stamped copy of the label is enclosed for your records. Please submit three copies of the amended labeling bearing the above revisions before you release the amended label for shipment. Please note that acceptance of this amendment does not constitute reregistration of the subject product.

Sincerely,

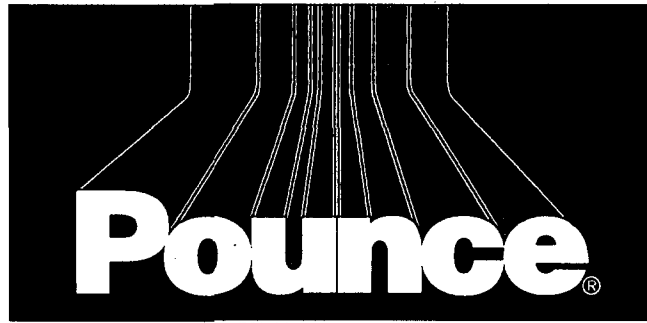
George LaRocca.  
Product Manager 13  
Insecticide Branch  
Registration Division (7505P)

Code 96

**RESTRICTED USE PESTICIDE**

Due to Toxicity to fish and aquatic organisms  
For retail sale to and use only by certified applicators or persons under their direct supervision, and only for those uses covered by the certified applicator's certification.

Net Weight



**25 WP Insecticide**

EPA Reg. No. 279-3051

EPA Est. 279-

<b>Active Ingredients:</b>	<b>By Wt.</b>
*Permethrin** .....	25.0%
<b>Other Ingredients</b> .....	75.0%
	100.0%

\*(3-Phenoxyphenyl)methyl (±) cis-trans 3-(2,2-dichloroethyl)-2,2-dimethylcyclopropanecarboxylate

\*\*cis/trans ratio: Max. 55% (±) cis and min. 45% (±) trans

U.S. Patent No. 4,024,163

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

**FIRST AID**

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**If on Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**HOTLINE NUMBER**

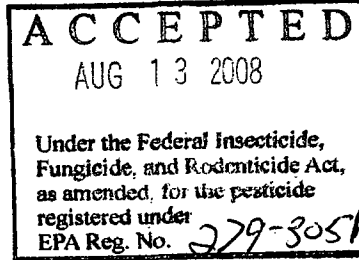
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-331-3148 for emergency medical treatment information.

**For Emergency Assistance Call: (800) 331-3148.  
See other panels for additional precautionary statements.**



FMC Corporation  
Agricultural Products Group  
1735 Market Street  
Philadelphia, PA 19103

Pounce 25 WP 06-26-08



**PRECAUTIONARY STATEMENTS  
Hazards to Humans (& Domestic Animals)**

**Warning**  
Do not get in eyes, on skin or on clothing. Wash thoroughly after handling.

**Personal Protective Equipment (PPE):**  
Some materials that are chemical-resistant to this product include natural rubber. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

**Applicators using ULV cold foggers or fog/mist generators in indoor spaces must wear:** Coveralls over long-sleeved shirt and long pants, Chemical-resistant gloves, Chemical-resistant footwear plus socks, and Chemical-resistant headgear, if overhead exposure.

**Applicators using ULV cold foggers and/or fog/mist generators in outdoor spaces must wear:** Long-sleeve shirt and long pants, Shoes plus socks, and Chemical-resistant gloves.

**All other mixers, loaders, applicators, and other handlers must wear:** Long-sleeve shirt and long pants, Shoes plus socks, Chemical-resistant gloves for all handlers except for applicators using motorized ground equipment, pilots, and flaggers, Chemical-resistant apron for mixers/loaders, persons cleaning equipment, and persons exposed to the concentrate and for all handlers performing animal dip applications. See engineering controls for additional requirements.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched (except as required by directions for use) or heavily contaminated with this product's concentrate. Do not reuse them.

**Engineering Controls**

Water-soluble packets when used correctly qualify as a closed mixing/loading system under the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(4)]. Mixers and loaders using water-soluble packets must wear the personal protective equipment required in the PPE section of this labeling for mixers and loaders, and be provided and must have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown chemical-resistant footwear and dust/mist respirators.

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

**Environmental Hazards**

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean water mark. Do not apply 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 wash waters.

Under some conditions, it may also have a potential for transport into surface water in runoff (primarily adsorbed to suspended soil particles), for several months or more after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, and areas overlying extremely shallow groundwater, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas overlying tile drainage systems that drain to surface waters.

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

## 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.

**Resistance.** 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.

## 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.

**PROHIBITION** - Harvesting of conifer seed cones is prohibited within 30 days of application.

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, shoes plus socks and chemical-resistant gloves made of any waterproof material.

## STORAGE AND DISPOSAL

### Pesticide Storage

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp 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. Call FMC: (800) 331-3148.

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

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### Container Disposal

Rigid containers, non-refillable: Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinse into application equipment or a mix tank or store rinse for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Paper or plastic bags: Non-refillable: Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration, or by burning. Do not burn unless allowed by state or local authorities. If burned, stay out of smoke.

## 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.

Crop injury, lack of effectiveness, or illegal residues in the crop can result from nonuniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. 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.

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 functional 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.

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.

Pounce® 25 WP mixes readily with water to form a suspension. Pounce 25 WP should be diluted in sufficient volume of water to ensure accurate application over the area to be treated. Mix the required amount of Pounce 25 WP with a small quantity of water and add this premix to the supply tank with the required amount of water. Maintain sufficient agitation during both mixing and application to ensure uniformity of the supply tank. Hydraulic or mechanical agitation is recommended. Pounce 25 WP should be applied continuously for the duration of the water application. When using chemigation, a minimum of 0.1 inch per acre of irrigation water is recommended.

## GENERAL INSTRUCTIONS

Pounce 25 WP insecticide is a 25% wettable powder formulation of the insecticide permethrin. Apply Pounce 25 WP when insects appear or feeding is noticed. The higher rate should be used as pest populations increase. Repeat the application as necessary to maintain control. Pounce 25 WP may be applied by both ground and aerial equipment. Use sufficient water to obtain full coverage. With the exception of crops listed below, rotational crops should not be planted within 60 days of last application

Mix as needed; do not store diluted material.

## BUFFER ZONES

### Vegetative Buffer Strip

Construct and maintain a minimum 10-foot-wide vegetative filter strip of grass or other permanent vegetation between the field edge and down gradient aquatic habitat (such as, but not limited to, lakes; reservoirs; rivers; permanent streams; marshes or natural ponds; estuaries; and commercial fish farm ponds).

Only apply products containing permethrin onto fields where a maintained vegetative buffer strip of at least 10 feet exists between the field and down gradient aquatic habitat.

For guidance, refer to the following publication for information on constructing and maintaining effective buffers: *Conservation Buffers to Reduce Pesticide Losses. Natural Resources Conservation Services. USDA, NRCS. 2000. Fort Worth, Texas. 21pp.*

<http://www.in.csusda/v/technical/agronom/newconbuf.pdf>

**Buffer Zone for Ground Application (groundboom, overhead chemigation, or airstblast)** - Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds).

**Buffer Zone for ULV Aerial Application** - Do not apply within 450 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds).

**Buffer Zone for Non-ULV Aerial Application** - Do not apply within 150 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds).

## Spray Drift Requirements

### Wind Direction and Speed

Only apply this product if the wind direction favors on-target deposition. Do not apply when the wind velocity exceeds 15 mph.

### Temperature Inversion

Do not make aerial or ground applications into temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above 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.

### Droplet Size

Use only Medium or coarser spray nozzles (for ground and non-ULV

aerial application) according to ASAE (S572) definition for standard nozzles. In conditions of low humidity and high temperatures, applicators should use a coarser droplet size.

**Additional Requirements for Ground Applications**

Wind speed must be measured adjacent to the application site on the upwind side, immediately prior to application.

For ground boom applications, apply using a nozzle height of no more than 4 feet above the ground or crop canopy.

For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

**Additional Requirements for Aerial Applications**

The spray boom should be mounted on the aircraft as to minimize drift caused by wingtip or rotor vortices. The minimum practical boom length should be used and must not exceed 75% of the wing span or 80% rotor diameter.

Flight speed and nozzle orientation must be considered in determining droplet size.

Spray must be released at the lowest height consistent with pest control and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.

When applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

**Alfalfa; Alfalfa grown for seed (0 day phi)\*** (Includes lucerne, sainfoin, holy clover, esparcet, birdsfoot trefoil and varieties and/or hybrids of these)

Insects Controlled	Rate of Application	Method of Application
Alfalfa Caterpillar Armyworms spp. Blue Alfalfa Aphid Cutworms Green Cloverworm Green Peach Aphid Loopers Pea Aphid Spotted Alfalfa Aphid Velvetbean Caterpillar Webworms	3.2 to 12.8 ounces (0.05 to 0.2 pound active) per acre	Use higher recommended dosage for increased pest pressure or for increased residual pest control. Apply with ground equipment in a minimum of 10 gallons of finished spray per acre or 2 gallons of finished spray per acre by aircraft.
Alfalfa Weevil Cucumber Beetle Egyptian Alfalfa Weevil Meadow Spittlebug Plant Bugs (including <i>Lygus</i> spp.) Potato Leafhopper Stink Bugs	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	

Do not apply more than 0.2 pound active ingredient per cutting.  
\*When rates greater than 0.1 pound active per acre are used, do not apply within 14 days of harvest.  
Do not make applications less than 30 days apart.  
Do not apply to mixed stands with intentionally-grown forage grasses and/or legumes.

**Apples**

Insects Controlled	Rate of Application	Method of Application
Green Fruitworm Oblique Banded Leafroller Plum Curculio Redbanded Leafroller Rosy Apple Aphid Spotted Tentiform Leafminer Tarnished Plant Bug White Apple Leafhopper	6.4 to 16 ounces (0.1 to 0.25 pound active) per acre	Use with ground equipment only. Apply in 25-400 gallons of finished spray per acre when insects appear and repeat as required to maintain control.

Do not apply more than 0.5 pound active ingredient per acre per season.  
Do not apply after petal fall.  
Do not graze livestock in treated areas.  
Do not feed cover crops from treated areas to livestock.  
Do not make applications less than 10 days apart.

**Artichoke (0 day phi)**

Insects Controlled	Rate of Application	Method of Application
Artichoke Plume Moth Leafminers	6.4 to 19.2 ounces (0.1 to 0.3 pound active) per acre.	Apply with ground equipment in a minimum of 10 gallons of finished spray per acre or in a minimum of 2 gallons per acre by aircraft. Apply as needed. Buds may be harvested on the day of application.

Do not apply more than 3 applications (0.9 pounds active ingredient) per acre per season.  
Do not make applications less than 10 days apart.

**Asparagus (1 day phi)**

Insects Controlled	Rate of Application	Method of Application
Asparagus Beetle Cutworms	3.2 to 6.4 ounces (0.05 to 0.1 pound active) per acre	Apply with ground equipment in a minimum of 10 gallons of finished spray per acre. Apply as needed.
Asparagus Beetle Japanese Beetle (Adult stage)* Lygus Bugs Tarnished Plant Bug	6.4 ounces (0.1 pound active) per acre	For post harvest application, apply to the fern stage of the asparagus plant after spear harvest when larval and adult stage are present. *Not for control of this insect in California.

Do not apply more than 0.4 pound active ingredient per acre per season.  
Do not make applications less than 7 days apart.

**Avocado (7 day phi)**

Insects Controlled	Rate of Application	Method of Application
Avocado Caterpillar Avocado Lace Bug Avocado Leafhopper Avocado Leafroller Avocado Looper Avocado Tree Girdler Avocado Whitefly Brown Soft Scale Mirids Omnivorous Looper Orange Tortrix Scale Crawlers Spanworm Thrips Twig Borers	12.8 ounces (0.2 pound active) per acre	Apply with ground equipment in 25-400 gallons of finished spray per acre. Apply when insects first appear and repeat at 7 to 10 day intervals as needed to provide control.

Do not apply more than 0.8 pounds active ingredient per acre per season.  
Do not graze livestock in treated areas.  
Do not feed cover crops from treated areas to livestock.

**Brussels Sprouts; Cauliflower; Cavalo broccolo; Kohlrabi (1 day phi)**

Insects Controlled	Rate of Application	Method of Application
Armyworm spp. Cabbage Looper Diamondback Moth Imported Cabbageworm Plant Bugs Thrips	3.2 to 6.4 ounces (0.05 to 0.1 pound active) per acre	Apply with ground equipment in a minimum of 10 gallons of finished spray per acre or in a minimum of 2 gallons per acre by aircraft. Apply as needed.

Do not apply more than 0.4 pound active ingredient per acre per season (0.6 pounds active ingredient per acre per season in Hawaii).  
Do not make applications less than 5 days apart.

**Broccoli; Chinese Broccoli (gai lan, white flowering broccoli); (1 day phi)**

Insects Controlled	Rate of Application	Method of Application
Armyworm spp. Cabbage Looper Diamondback Moth Imported Cabbageworm Plant Bugs Thrips	3.2 to 12.8 ounces (0.05 to 0.2 pound active) per acre	Apply with ground equipment in a minimum of 10 gallons of finished spray per acre or in a minimum of 2 gallons per acre by aircraft. Apply as needed.

Do not apply more than 0.8 pound active ingredient per acre per season.  
Do not make applications less than 5 days apart.

**Cabbage; Cabbage, Chinese (napa) (tight-heading varieties only) (1 day phi)**

Insects Controlled	Rate of Application	Method of Application
Cabbage Looper Diamondback Moth Imported Cabbageworm Southern White Butterfly	3.2 to 12.8 ounces (0.05 to 0.2 pound active) per acre	Apply with ground equipment in a minimum of 10 gallons per acre or in a minimum of 2 gallons per acre by aircraft. Apply as needed.
Armyworm spp. Cutworms Flea Beetles	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	
Do not apply more than 0.4 pound active ingredient per acre per season (0.8 pound active ingredient per acre per season in Hawaii). Do not make application less than 5 days apart.		

**Cantaloupes:** For general use directions refer to the **Cucurbit Vegetables** crop grouping.

**Celery, Florence fennel** (sweet anise, sweet fennel, finocchio) (fresh leaves and leaf petioles only): For general use directions refer to the **Leafy Vegetable** crop grouping.

**Cherries (Includes Sweet Cherries and Tart Cherries) (3 day phi)**

Insects Controlled	Rate of Application	Method of Application
Green Fruitworm Lesser Peach Tree Borer Plum Curculio Redbanded Leafroller Rose Chafer Tarnished Plant Bug	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	Use Pounce 25 WP insecticide as a dilute spray. Apply when insects appear. Apply with ground equipment in 25-400 gallons of finished spray per acre.
Do not graze livestock in treated areas. Do not feed cover crops from treated areas to livestock. <i>East of the Rockies</i> , do not exceed 6 applications per season, with no more than 4 applications after petal fall, no more than 0.6 pounds active ingredient per acre per season. <i>West of the Rockies</i> , do not apply more than 4 applications per season, with no more than 3 applications after petal fall, no more than 0.6 pounds active ingredient per acre per season. Do not make applications less than 10 days apart.		

**Chrysanthemums**

Insects Controlled	Rate of Application	Method of Application
Liriomyza Leafminer Flies	32 ounces (0.5 pound active) per 100 gallons	Avoid spraying the blooms. Pounce 25 WP may be applied on a weekly schedule. Caution: Cultivars may vary in sensitivity and a small number of plants should be treated to determine plant safety prior to commercial use.

**Collards and Turnips (1 day phi)**

Insects Controlled	Rate of Application	Method of Application
Beet Armyworm Cabbage Looper Corn Earworm Cutworms Diamondback Moth European Corn Borer Fall Armyworm Green Cloverworm Imported Cabbageworm Leafhoppers Leafminer Southern Armyworm Southern White Butterfly Tobacco Budworm Vegetable Leafminer Aphids*	3.2 to 9.6 ounces (0.05 to 0.15 pound active) per acre	Apply with ground equipment only. Apply with ground equipment in a minimum spray volume of 10 gallons of finished spray per acre. Apply as needed. Do not make applications less than 3 days apart.
For use on Collards in AR, AZ, GA, IL, NC, OK, SC, and TX and on Turnips in FL, GA, IL, IN, OK, SC, TX, and WA. Do not apply more than 0.45 pound active ingredient per acre per season on Collards and Turnips. *Suppression only.		

**Conifers (Container and Field Grown)**

Insects Controlled	Rate of Application	Method of Application
Nantucket Pine Tip Moth	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	Begin application when the adults appear and repeat at 5 to 7 day intervals or as needed throughout the season.

**Corn (Field), Field Corn Grown for Seed, Popcorn**

Insects Controlled	Rate of Application	Method of Application
<i>Preemergent Use:</i> Armyworms Cutworms Stalk Borers	6.4 to 9.6 ounces (0.1 to 0.15 pound active) per acre as a broadcast spray  OR 0.5 to 0.75 ounces per 1000 linear feet row (based on a 4" band and 40" row spacing.)	Pounce may be applied as a preplant incorporated, preemergence, or at planting time application. Apply as a broadcast spray by ground or air (minimum of 2 gallons finished spray per acre by air) or 4-15 inch band using sufficient spray volume to achieve adequate coverage.  Linear row calculations should be used proportional to the standard Band Width/Row Width formula to adjust rates for different band widths or row spacings. Use higher rates of Pounce 25 WP when incorporating into the soil without exceeding the recommended dosage.  When using tank mixes, observe all restrictions and precautions which appear on the labels of these products. Provide constant agitation during mixing and application to keep the mixture in solution.
<i>Foliar Use:</i> Armyworm (including Fall Armyworm) Corn Borers European Southwestern Corn Earworm Corn Rootworm Beetles Cutworms Flea Beetle Hop Vine Borer Stalk Borers Webworms	6.4 to 9.6 ounces (0.1 to 0.15 pound active) per acre	When treating for stalk borers, Pounce 25 WP must be applied when or shortly before the stalk borer larvae are moving into the corn from surrounding weeds and grasses. Mowing or burn-down herbicide are suggested to initiate movement. For control of Corn Earworm apply just before silking and continue as necessary to maintain control. Apply a minimum of 2 gallons of finished spray per acre by air or 10 gallons per acre with ground equipment.
<i>Foliar Use:</i> Western Bean Cutworm	3.2 to 6.4 ounces (0.05 to 0.1 pound active) per acre	
Up to 0.45 pound active ingredient may be used per season. Do not make treatments less than 7 days apart or apply less than 30 days prior to harvest of grain or fodder (stover). Forage may be harvested on the day of application.		

**Corn (Field), Field Corn Grown for Seed, Popcorn (At Plant Use)**

Insects Controlled	Rate of Application	Method of Application
Armyworms Cutworms	0.5 ounces per 1,000 linear feet of row	Apply as an in-furrow, band or T-band treatment using a minimum 4" band. Use table below to determine the Pounce 25 WP needs for each acre.
<b>Row Spacings (inches)</b>		40      30      20
<b>Pounce 25 WP (pounds ai per acre)</b>		0.10    0.15    0.20
<b>Pounce 25 WP (formulated ounces per acre)</b>		6.4      9.6      12.8

**Corn, Sweet (1 day phi)**

Insects Controlled	Rate of Application	Method of Application
Corn Earworm Corn Rootworm Beetles* Cutworms European Corn Borer Fall Armyworm Flea Beetle Hop Vine Borer Leafhoppers Southern Armyworm Stalk Borers	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	Apply every 3 to 5 days or as needed.  Apply with ground equipment in a minimum of 10 gallons of finished spray per acre or in a minimum of 2 gallons per acre by aircraft.  *Pest does not occur on this crop in California.
Do not apply more than 0.8 pounds active ingredient per acre per season.		

**Corn, Sweet (Florida Only)**

Insects Controlled	Rate of Application	Method of Application
Aster Leafhopper Corn Earworm Cutworm European Corn Borer Fall Armyworm Southern Armyworm	6.4 to 16.0 ounces (0.1 to 0.25 pound active) per acre	Apply every 3 to 5 days or as needed.  Apply with ground equipment in a minimum of 10 gallons of finished spray per acre or in a minimum of 2 gallons per acre by aircraft.
Do not apply more than 2.0 pounds active ingredient per acre per season.		

**Cucurbit Vegetables (0 day phi):** **Chayote** (fruit) (*Sechium edule*); **Chinese waxgourd** (Chinese preserving melon) (*Bernincasa hispida*); **Citron melon** (*Citrullus lanatus* var. *citroides*); **Cucumber** (*Cucumis sativus*); **Gherkin** (*Cucumis anguria*); **Gourd, edible** (*Lagenaria* spp.) (includes hyotan, cucuzza); (**Luffa spp.**) (includes hechima, Chinese okra); (**Momordica spp.**) (includes balsam apple, balsam pear, bitter melon, Chinese cucumber); **Muskmelon** (hybrids and/or cultivars of *Cucumis melo*) (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); **Pumpkin** (*Cucurbita* spp.); **Squash, summer** (*Cucurbita pepo* var. *meloepo*) (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini); **Squash, winter** (*Cucurbita maxima*; *C. moshata*) (includes butternut squash, calabaza, hubbard squash); (**C. mixta**; **C. pepo**) includes acorn squash, spaghetti squash); **Watermelon** (includes hybrids and/or varieties of *Citrullus* spp.).

Insects Controlled	Rate of Application	Method of Application
Aphids Leafminers Squash Bug	12.8 ounces (0.2 pound active) per acre	Apply with ground equipment in a minimum spray volume of 20 gallons of finished spray per acre or in a minimum of 4 gallons per acre by aircraft.
Cabbage Looper Cucumber Beetle (adults) Cutworms Leafhoppers Melonworm Pickleworm Plant Bugs (including Lygus and Stink Bugs) Rindworms Squash Vine Borer	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	Do not make applications less than 7 days apart.
Do not apply more than 1.2 pounds active ingredient per acre per season, except cantaloupes, do not apply more than 0.8 pounds active per acre per season (1.2 pounds active ingredient per acre per season in Hawaii). Applications may be made up to harvest.		

**Eggplants (3 day phi)**

Insects Controlled	Rate of Application	Method of Application
Colorado Potato Beetle	9.6 ounces (0.15 pound active) per acre	Apply with ground equipment in a minimum of 10 gallons of finished spray per acre or a minimum of 2 gallons per acre by aircraft. Apply using sufficient water to obtain uniform coverage. Apply as needed.
Cabbage Looper Flea Beetles Vegetable Leafminer	6.4 to 9.6 ounces (0.1 to 0.15 pound active) per acre	
Do not apply more than 0.6 pounds active ingredient per acre per season (1.0 pound active ingredient per acre per season in Hawaii). Do not make applications less than 7 days apart.		

**Filberts (14 day phi)**

Insects Controlled	Rate of Application	Method of Application
Filbertworm Oblique Banded Leafroller	12.8 to 16.0 ounces (0.2 to 0.25 pound active) per acre	For full coverage application apply 0.05 to 0.1 pound active per 100 gallons (based on 400 gallons finished spray per acre) and spray to run-off. OR for low volume concentrate application apply 0.2 to 0.25 pound active per acre (50 to 200 gallons finished spray per acre). For aerial application apply 0.2 to 0.25 pound active in a minimum of 10 gallons of finished spray per acre. Apply when insects appear.
Do not apply more than 0.75 pounds active ingredient per acre per season. Do not graze livestock in treated areas. Do not feed cover crops from treated areas to livestock. Do not make applications less than 10 days apart.		

**Horseradish (30 day phi)**

Insects Controlled	Rate of Application	Method of Application
Imported Crucifer Weevil ( <i>Baris lepidii</i> )	9.6 ounces (0.15 pound active) per acre	For foliar application, apply with ground equipment in a minimum spray volume of 20 gallons finished spray per acre. Make up to 3 foliar applications as needed to control weevil adults during oviposition.
Do not apply more than 0.45 pounds active ingredient per acre per season. Do not make applications less than 10 days apart.		

**Leafy Vegetables (except Brassica) (1 day phi):** **Amaranth** (leafy amaranth, Chinese spinach, tampala); **Arugula** (Roquette); **Cardoon**; **Celery**; **Celery, Chinese**; **Celtuce**; **Chervil**; **Chrysanthemum, edible-leaved and garland**; **Corn salad**; **Cress, garden**; **Cress, upland** (yellow rocket, winter cress); **Dandelion**; **Dock** (sorrel); **Endive** (escarole); **Fennel**, **Florence** (finochio); **Lettuce, head and leaf**; **Orach**; **Parsley**; **Purslane, garden**; **Purslane, winter**; **Radichio** (red chicory); **Rhubarb**; **Swiss chard**.

**Spinach** (including New Zealand and vine, Malabar spinach, Indian spinach).\*

Insects Controlled	Rate of Application	Method of Application
Aphids Beet Armyworm Corn Earworm Cutworms European Corn Borer Fall Armyworm Green Cloverworm Leafminers Southern Armyworm Tobacco Budworm	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	Apply every 3 to 5 days or as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Apply with ground equipment in a minimum of 10 gallons of finished spray per acre or in a minimum of 2 gallons per acre by aircraft.
Alfalfa Looper Cabbage Looper Leafhoppers	3.2 to 12.8 ounces (0.05 to 0.2 pound active) per acre	
Do not apply more than 1.0 pounds active ingredient per acre per season (1.2 pounds active ingredient per acre per season in Hawaii). Do not make applications less than 7 days apart (3 days apart for Spinach). *For Spinach, do not apply more than 0.6 pound active ingredient per acre per season.		



**Lettuce, Head**

Insects Controlled	Rate of Application	Method of Application
Aphids Beet Armyworm Corn Earworm Cutworms European Corn Borer Fall Armyworm Green Cloverworm Leafminers Southern Armyworm Tobacco Budworm	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	Apply every 3 to 5 days or as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Apply with ground equipment in a minimum of 10 gallons of finished spray per acre or in a minimum of 2 gallons per acre by aircraft.
Alfalfa Looper Cabbage Looper Leafhoppers	3.2 to 12.8 ounces (0.05 to 0.2 pound active) per acre	

Do not apply more than 0.8 pounds active ingredient per acre per season (1.2 pounds active ingredient per acre per season in Hawaii).  
Do not make applications less than 7 days apart.

**Mushrooms (Mushroom houses and adjacent premise areas) (3 day phi)**

Insects Controlled	Rate of Application	Method of Application
Mushroom Flies (Sciarid and Phorid adults)	Apply 6 ounces to 11 gallons water or 8 level tablespoons to 3 gallons water. As a guide, use 1 gallon spray per 750 sq. ft. (400-1,400 sq.ft.)	Spray directly to walls and ceilings as residual surface treatment only. Spray to point of runoff. Use Pounce 25WP prior to filling house, during cooldown, during spawning, up to pinning and between breaks. Do not use when mushrooms are present. Treat as needed when flies appear. Do not make more than 20 applications prior to pinning of first break; apply no more than two applications between each break. Do not apply more than 30 applications total per crop of 5 breaks.  Use of high pressure hand wand prohibited in mushroom houses.

**Onions, Bulb (1 day phi)**

Insects Controlled	Rate of Application	Method of Application
Armyworms Onion Thrips	9.6 to 19.2 ounces (0.15 to 0.3 pound active) per acre	Apply with ground equipment in a minimum of 20 gallons of finished spray per acre or in a minimum of 5 gallons per acre by aircraft. Begin applications when pests appear and repeat as necessary to maintain control. Use the higher label rates as Onion Thrips population increases and avoid rescue situations.
Cutworms Leafminers Onion Maggots (Adults) Stink Bugs	6.4 to 19.2 ounces (0.1 to 0.3 pound active) per acre	

Do not apply more than 1.0 pounds active ingredient per acre per season.  
Do not make applications less than 7 days apart.

**Garlic (1 day phi)**

Insects Controlled	Rate of Application	Method of Application
Armyworms Onion Thrips	9.6 to 12.8 ounces (0.15 to 0.2 pound active) per acre	Apply with ground equipment in a minimum of 20 gallons of finished spray per acre or in a minimum of 5 gallons per acre by aircraft. Begin applications when pests appear and repeat as necessary to maintain control. Use the higher label rates as Onion Thrips population increases and avoid rescue situations.
Cutworms Leafminers Onion Maggots (Adults) Stink Bugs	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	

Do not apply more than 0.8 pounds active ingredient per acre per season.  
Do not make applications less than 10 days apart.

**Ornamental Nursery Stock (Field Grown)**

Insects Controlled	Rate of Application	Method of Application
Bagworm Beet Armyworm Cabbage Looper Citrus Thrips <i>Heliothis</i> spp. Lace Bug Leafhoppers Leafminers Whiteflies	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per 100 gallons of water	Pounce 25 WP may be used to control specified pests on non-edible ornamentals and non-bearing plants of fruiting species.  Caution: Pounce 25 WP has demonstrated excellent plant safety; however, not all species and varieties have been tested. Before treating large numbers of plants of a particular variety, treat a few plants and observe prior to full scale application.

**Papaya (Florida Only) (7 day phi)**

Insects Controlled	Rate of Application	Method of Application
Aphids Brown Soft Scale Mealybug Papaya Fruit Fly Papaya Webworm Papaya Whitefly Scale Crawlers	9.6 ounces (0.15 pound active) per acre	Apply with ground equipment in 25-400 gallons of finished spray per acre. Apply when insects first appear and repeat at 10 day intervals as needed to provide control.

Do not apply more than 0.75 pounds active ingredient per acre per season.  
Do not graze livestock in treated areas.  
Do not feed cover crops from treated areas to livestock.

**Peaches, Nectarines (14 day phi)**

Insects Controlled	Rate of Application	Method of Application
Green Fruitworm Lesser Peach Tree Borer Oriental Fruit Moth Peach Twig Borer Rose Chafer Plum Curculio Tarnished Plant Bug	6.4 to 16.0 ounces (0.1 to 0.25 pound active) per acre	Apply with ground equipment using 25-400 gallons of spray per acre or a minimum of 10 gallons per acre by aircraft. Spray to wet all foliage.

Do not apply more than 0.75 pounds active ingredient per acre per season.  
Do not graze livestock in treated areas.  
Do not feed cover crops from treated areas to livestock.  
Do not make applications less than 10 days apart.

**Pears (Dormant through Delayed Dormant)**

Insects Controlled	Rate of Application	Method of Application
Pear Psylla	12.8 to 25.6 ounces (0.2 to 0.4 pound active) per acre	Apply during the dormant through delayed dormant growth periods only. Apply in a minimum of 10 gallons of finished spray per acre by aircraft and 25-400 gallons per acre by ground equipment.

Do not apply more than 0.65 pound active ingredient per acre per season.  
Do not graze livestock in treated areas.  
Do not feed cover crops from treated areas to livestock.  
Do not make applications less than 10 days apart.

**Pears (Pre-Bloom)**

Insects Controlled	Rate of Application	Method of Application
Codling Moth Green Fruitworm Pear Psylla	12.8 to 16.0 ounces (0.2 to 0.25 pound active) per acre	Apply with ground equipment using 25-400 gallons of finished spray per acre or a minimum of 10 gallons per acre by aircraft. Pre-bloom sprays can be applied from dormant through bud burst stages.

Do not apply more than 0.65 pound active ingredient per acre per season.  
Do not graze livestock in treated areas.  
Do not feed cover crops from treated areas to livestock.  
Do not make applications less than 10 days apart.

**Peppers, Bell (3 day phi)**

Insects Controlled	Rate of Application	Method of Application
Cabbage Looper Corn Earworm Cutworms Flea Beetle Pepper Weevil Vegetable Leafminer	6.4 to 12.8 ounces (0.1 to 0.2 pound active) 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.
European Corn Borer	12.8 ounces (0.2 pound active) per acre	
Do not apply more than 0.8 pounds active ingredient per acre per season. Do not make applications less than 5 days apart.		

**Pine Seed Orchards**

Insects Controlled	Rate of Application	Method of Application
Coneworms Seed Bugs	12.8 ounces (0.2 pound active) in 100 gallons of water (0.025% dilution by weight)	For high volume sprayers, apply 5 to 10 gallons of finished spray per tree.
	66 ounces (1.6 pounds active) in 100 gallons of water (0.125% dilution by weight)	For low volume sprayers, apply 100 gallons per acre.
	48 ounces (1.2 pounds active) per acre	For aerial application, use in not less than 10 gallons of water.
To control Webbing Coneworm—make first application within 1 week of female flower closure or peak pollen flight. To control other coneworms and seed bugs—make first application within 30 days following female flower closure. Repeat applications at 4 week intervals, but do not apply more than 6 applications.		
Do not graze livestock in treated areas. Do not feed cover crops from treated areas to livestock. Avoid contact with open water.		

**Pistachios (0 day phi)**

Insects Controlled	Rate of Application	Method of Application
Leaf-footed Bugs Navel Orangeworm Peach Twig Borer Plant Bugs Stink Bugs	12.8 to 19.2 ounces (0.2 to 0.3 pound active) per acre	Use sufficient water to obtain full coverage of foliage. Apply Pounce 25 WP in a minimum of 10 gallons of finished spray per acre by aircraft or by ground equipment in 25-400 gallons of finished spray per acre.
Ants	19.2 ounces (0.3 pound active) per acre	Application should be after mowing of weed growth to insure maximum coverage of the soil surface. Overhead moisture after application will enhance activity.
Do not apply more than 0.9 pound active ingredient per acre per season. Do not apply after 10% hull split. Do not graze livestock in treated areas. Do not feed cover crops from treated areas to livestock. Do not make applications less than 10 days apart.		

**Potatoes (14 day phi)**

Insects Controlled	Rate of Application	Method of Application
Aster Leafhopper Beet Armyworm Cabbage Looper Colorado Potato Beetle Cutworms European Corn Borer Potato Aphid Potato Flea Beetle Potato Leafhopper Potato Psyllid Potato Tuberworm Tarnished Plant Bug	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	Apply with ground equipment in a minimum of 10 gallons of finished spray per acre or in a minimum of 2 gallons per acre by aircraft. Use sufficient spray volume to obtain full coverage. Apply as needed.
Do not apply more than 0.8 pounds active ingredient per acre per season. Do not make applications less than 10 days apart.		

**Pumpkins:** For general use directions refer to the **Cucurbit Vegetables** crop grouping.

**Range Grass (New Mexico Only)**

Insects Controlled	Rate of Application	Method of Application
Range Caterpillar	0.64 ounces (0.01 pound active) per acre	Apply using sufficient spray volume to obtain uniform coverage. Apply with ground equipment in a minimum of 10 gallons of finished spray per acre or in a minimum of 2 gallons per acre by aircraft.
Do not apply more than once per year. Cattle may be present during application. Do not harvest or feed hay to livestock.		

**Roses (Field Grown)**

Insects Controlled	Rate of Application	Method of Application
<i>Heliothis</i> spp.	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	Apply with ground equipment in a minimum of 10 gallons of finished spray per acre or in a minimum of 2 gallons of finished spray per acre by aircraft.

**Roses (Greenhouse)**

Insects Controlled	Rate of Application	Method of Application
Beet Armyworm Cabbage Looper Omnivorous Leafroller	12.8 ounces (0.2 pound active) per 100 gallons of water	Caution: Varieties may vary in their sensitivity to Pounce 25 WP, and a small number of plants should be treated under local conditions to determine plant safety prior to commercial use.

**Soybeans (60 day phi)**

Insects Controlled	Rate of Application	Method of Application
Bean Leaf Beetle Cabbage Looper Corn Rootworm Beetles Cutworms Flea Beetles Green Cloverworm Japanese Beetle Mexican Bean Beetle Potato Leafhopper Saltmarsh Caterpillar (Woollybear Caterpillar) Thistle Caterpillar Velvetbean Caterpillar	3.2 to 6.4 ounces (0.05 to 0.1 pound active) per acre	Apply with ground equipment in a minimum of 10 gallons of finished spray per acre or in a minimum of 2 gallons per acre by aircraft.
Beet Armyworm Corn Earworm Soybean Looper Webworms	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	
Do not apply more than 0.4 pound active ingredient per acre per season. Do not graze or feed soybean forage or hay. Do not make applications less than 10 days apart.		

**Spinach:** For general use directions refer to the **Leafy Vegetable** crop grouping. Do not apply more than 0.6 pound active ingredient per acre per season.

**Tomatoes, Tomatillos (0 day phi)**

Insects Controlled	Rate of Application	Method of Application
Beet Armyworm Cabbage Looper Colorado Potato Beetle Granulate Cutworm Hornworms Southern Armyworm Tomato Fruitworm Tomato Pinworm Vegetable Leafminers	3.2 to 12.8 ounces (0.05 to 0.2 pound active) per acre	Apply with ground equipment in a minimum of 10 gallons finished spray per acre or in a minimum of 2 gallons per acre by aircraft.

Do not apply more than 0.6 pounds active ingredient per acre per season (0.8 pounds active ingredient per acre per season in Hawaii).  
Do not apply to cherry tomatoes or other varieties which produce fruit less than one inch in diameter.  
Do not make applications less than 7 days apart.

**Walnuts (1 day phi)**

Insects Controlled	Rate of Application	Method of Application
Codling Moth Navel Orangeworm Walnut Husk Fly	12.8 to 16.0 ounces (0.2 to 0.25 pound active) per acre	For full coverage application apply 0.05 to 0.1 pound active per 100 gallons (based on 400 gallons finished spray per acre), spray to run-off; OR, for low volume application apply 0.2 to 0.25 pound active per acre (25-200 gallons finished spray per acre). For aerial application apply 0.2 to 0.25 pound active in a minimum of 10 gallons of finished spray per acre. Apply when insects appear.

Do not apply more than 0.75 pounds active ingredient per acre per season.  
Do not graze livestock in treated areas.  
Do not feed cover crops from treated areas to livestock.  
Do not make applications less than 10 days apart.

**Premises Spray**

For agricultural use only.

Spray directly to walls and ceiling as residual surface treatment only. Do not treat manure or litter. Avoid contamination of feed and water. Do not apply directly to livestock or poultry.

Shake well before measuring.

For Application in	Target Insects	Method of Applic.	Dilute	Applic. Rate
Dairies, Barns, Feedlots, Stables, Poultry Houses, Swine and Livestock Houses	House Flies, Stable Flies and other Manure Breeding Flies.  Also aids in the reduction of Cockroaches, Mosquitoes and Spiders.	Sprayer	6 ounces* to 11 gallons water or 8 level table-spoons to 3 gallons water	1 gallon per 750 square feet of surface

\* 1 ounce of this powder equals 5 level tablespoonfuls. Shake canister before measuring. Make up only as required.  
Re-treat as necessary, but not more often than once every 2 weeks.  
The use of any residual fly spray should be supplemental with proper manure management and general sanitation to reduce or eliminate fly breeding site.

**Rate Conversion Chart**

Pounds Active per Acre	Formulation Ounces per Acre	Formulation Pounds per Acre
0.05	3.2	0.2
0.10	6.4	0.4
0.125	8.0	0.5
0.15	9.6	0.6
0.175	11.2	0.7
0.20	12.8	0.8
0.40	25.6	1.6

**Dealers Should Sell in Original Packages Only.**

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**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

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