# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

SEP 1 1 2012

Mr. Tim Formella FMC Corporation 1735 Market Street Philadelphia, PA 19103

Subject:

Amended Reregistration Label

Product Name: Pounce 25 WP Insecticide EPA Registration Number: 279-3051 EPA Decision Numbers: 413707

Dear Mr. Formella,

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the Permethrin RED, and has concluded that your submission is acceptable.

NOTE: This product is **not** being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 9/26/2011
- Alternate CSF 1, dated 9/29/2011
- Alternate CSF 2, dated 9/29/2011
- Alternate CSF 3, dated 9/29/2011

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Julie Chao at (703) 308-8735 or chao.julie@epa.gov.

Sincerely,

Richard J. Gebken Product Manager (10) Insecticide Branch Registration Division (7504P)

Enclosures: Label stamped "Accepted" SEP 1 1 2012

Acute Toxicity Reviews, dated March 22 and October 5, 2011 Product Chemistry Reviews, dated May 26 and December 6, 2011, and January 20, 2012

# **Net Contents**

# 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.

# **POUNCE 25 WP**

# Insecticide

EPA REG. NO. 279-3051

EPA Est. 279-

### **ACTIVE INGREDIENTS:**

*Permethrin**	25.0%	6
<b>OTHER INGREDIENTS:***</b>	75.0%	6
	100.09	2

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

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

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

# KEEP OUT OF REACH OF CHILDREN CAUTION

#### FIRST AID

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. 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 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.

## 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

SEP 11 2012

# PRECAUTIONARY STATEMENTS Hazards to Humans (and Domestic Animals)

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### 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. Do not apply this product by ULV cold foggers or fog/mist generators. All mixers, loaders, applicators, and other handlers must wear: Long-sleeved 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 protective eyewear for mixers/loaders and persons exposed to the concentrate.

See engineering controls for additional requirements.

# **User Safety Recommendations**

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

## **User Safety 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**

PA 19103

ACCEPTED SEP 11 2012

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.

Under the Federal Insecticide, Fungicide. The 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.

and Rodenticide Act, as amended, for the pesticide registered under:

EPA. Reg. No: 279-3051

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.

This chemical can contaminate surface water through spray drift. 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 over-lying 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**

### Restricted Use Pesticide

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

#### Insect 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.

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.

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, Chemical-resistant gloves made of any waterproof material, and Shoes plus socks

## STORAGE AND DISPOSAL

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

#### Pesticide Storage

Do not store below 10°F, (-12°C).

Do not use or store near heat, open flame or hot surfaces. 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 replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. 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. Triple rinse container 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 close tightly. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer container for recycling, if available. 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.

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.

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.

# **APPLICATION 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 25WP 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.

#### **VEGETATIVE BUFFER STRIP**

Construct and maintain a minimum 10-foot wide vegetative filter trip 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. 21 pp. http://www.in.nrcs.usda.gov/technical/agronomy/newconbuf.pdf

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

#### SPRAY DRIFT MANAGEMENT FOR AGRICULTURAL CROPS

**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 groundboom 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 are 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 crosswind, 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)

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

Do not apply more than 0.2 pound active ingredient per cutting.

Do not make applications less than 30 days apart

<sup>\*</sup>When rates greater than 0.1 pound active per acre are used, do not apply within 14 days of harvest.

Do not apply to mixed stands with intentionally-grown forage grasses and/or legumes

**Apples** 

Insects	Rate of	Method of
Controlled	Application	Application
Green Fruitworm Oblique Banded Leafroller Plum Curculio Redbanded Leafroller Rosy Apple Aphid Spotted Tentiform Leafminer Tarnished Plant Bug White Apple Leafnopper	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.

Do not apply more than 0.5 pound active per acre per season.

Do not apply after petal fall.

Do not graze livestock in treated areas.

Do not make applications less than 10 days apart.

Do not feed cover crops from treated areas to livestock

Artichoke (0 day PHI)

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Insects	Rate of	Method of
Controlled	Application	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.  Buds may be harvested on the day of application.
<u></u>		

Do not apply more than 3 applications (0.9 pound active ingredient) per acre per season.

Do not make applications less than 10 days apart.

Asparagus (1 day phi)

Aspaiagus (Tuay pili)		
Insects	Rate of	Method of
Controlled	Application	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.
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)

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

Do not apply more than 0.8 pound 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 (1 day PHI)

Insects	Rate of	Method of
Controlled	<ul> <li>Application</li> </ul>	Application
Armyworm spp.	3.2 to 6.4	Apply with ground equipment
Cabbage Looper	ounces	in a minimum of 10 gallons of
Diamondback Moth	(0.05 to 0.1	finished spray per acre or in
Imported Cabbageworm	pound	a minimum of 2 gallons per
Plant Bugs	active) per	acre by aircraft.
Thrips	acre	
Do not apply more than 0.4 pound active ingredient per acre per season		
Do not make applications less than 5 days apart		

Cauliflower (1 day phi)

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

Do not apply more than 25.6 ounces (0.4 pound active ingredient) per acre per season and 38.4 ounces (0.6 pound active ingredient) per acre per season in Hawaii.

Do not make applications less than 5 days apart.

Broccoli; Chinese Broccoli (gai lon, white flowering broccoli); Cavalo

broccolo; Kohlrabi (1 day phi)

broccolo, Kolifrabi (1 day phi)		
Insects	Rate of	Method of
Controlled	Application	Application
Armyworm spp.	3.2 to 12.8	Apply with ground equipment
Cabbage Looper	ounces	in a minimum of 10 gallons of
Diamondback Moth	(0.05 to 0.2	finished spray per acre or in
Imported Cabbageworm	pound	a minimum of 2 gallons per
Plant Bugs	active) per	acre by aircraft.
Thrips	acre	
Do not apply more than 0.8	3 pound active ingredien	t per acre per season.

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	Rate of	Method of
•	Controlled	Application	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.
	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 and 0.8 pound active ingredient per acre per season in Hawaii.

Do not make applications less than 5 days apart.

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

Celery, Florence fennel (sweet anise, sweet fennel, finochio) (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 25WP 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.

East of the Rockies, do not exceed 6 applications per season, with no more than 4 applications after petal fall, and no more than 0.6 pound active per acre per season. West of the Rockies, do not apply more than 4 applications per season, with no more than 3 applications after petal fall, and no more than 0.6 pound active per acre per season.

Do not make applications less than 10 days apart.

Chrysanthemums

insects	Rate of	Method of
Controlled	Application	Application
Liriomyza Leafminer Flies	32 ounces (0.5 pound active) per 100 gallons	Avoid spraying the blooms. Pounce 25WP 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 top commercial use.

Collards and Turnips (1 day phi)

Conards and Turnips	(i day phi)	
Insects	Rate of	Method of
Controlled	Application	Application
Beet Armyworm	3.2 to 9.6	Apply with ground equipment
Cabbage Looper Corn Earworm	ounces (0.05 to 0.15	only.  Apply with ground equipment
Cutworms	pound	in a minimum spray volume
Diamondback Moth	active) per	of 10 gallons of finished
European Corn Borer	acre	spray per acre.
Fall Armyworm		Do not make applications
Green Cloverworm		less than 3 days apart
Imported Cabbageworm Leafhoppers		·
Leafminer		
Southern Armyworm		
Southern White Butterfly		•
Tobacco Budworm	·	
Vegetable Leafminer		
Aphids*	\-\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2	l TV

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)

Conifers (Container and	d Field Grown)	
Insects	Rate of	Method of
Controlled	<ul> <li>Application</li> </ul>	Application
Nantucket Pine Tip Moth	6.4 to 12.8 ounces (0.1 to 0.2 pound	Begin application when the adults appear and repeat at 5 to 7 day intervals throughout the season.
	active) per acre	

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

Corn (Field), Field Cor		
Insects	Rate of	Method of
Controlled	Application	Application
Preemergent Use:	6.4 to 9.6	Pounce may be applied as a
Armyworms	ounces (0.1	preplant incorporated,
Cutworms	to 0.15	preemergence, or at planting
Stalk Borers	pound	time application.
	active) per	Apply as a broadcast spray
	acre as a	by ground or air (minimum of
	broadcast	2 gallons finished spray per
	spray OR	acre by air) or 4-15 inch band using sufficient spray
	0.5 to 0.75	volume to achieve adequate
	ounces per	coverage.
	1000 linear	Linear row calculations
	feet row	should be used proportional
	(based on a	to the standard Band
, 1.	4" band and	Width/Row Width formula to
	40" row	adjust rates for different band
	spacing.)	widths or row spacings. Use
1		higher rates of Pounce
1		25WP 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.
Foliar Use:	6.4 to 9.6	When treating for stalk
Armyworm (including	ounces (0.1	borers, Pounce 25WP must
Fall	to 0.15	be applied when or shortly
Armyworm)	pound	before the stalk borer larvae
Corn Borer	active) per	are moving into the corn from
European Southwestern	acre	surrounding weeds and
Corn Earworm		grasses. Mowing or burndown herbicide are
Corn Rootworm Beetles		suggested to initiate
Cutworms		movement. For control of
Flea Beetle		Corn Earworm apply just
Hop Vine Borer		before silking and continue at
Stalk Borers		intervals of not less than 7
Webworms		days as needed to provide
Foliar Use:	3.2 to 6.4	control. Apply a minimum of
Western Bean Cutworm	ounces	2 gallons of finished spray
	(0.05 to 0.1	per acre by air or 10 gallons
ļ	pound	per acre with ground
	active) per	equipment.
'	acre	
112.12.0.45.22.23		

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)

John (Ficial), Ficia John	11 010411 101 00	<u>,                                  </u>	Opcom (Ati	iant Osc/
Insects	Rate of		Meth	od of
Controlled	Application		Applic	cation
Armyworms	0.5 ounces		Apply as an i	n-furrow,
Cutworms	per 1,000 linear feet of row	·	band or T-ba using a minin band. Use ta to determine 25WP needs acre.	num 4" ble below the Pounce
Row Spacings (inches)		40	_ 30	20
Pounce 25WP (pounds	ai per acre)	0.10	0.15	0.20
Pounce 25WP (formula	ted oz per acre)	6.4	9.6	12.8

Corn, Sweet (1 day phi)

Com, Sweet (1 day pri		
Insects	Rate of	. Method of
Controlled	Application	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 when insects first appear and repeat at 3 to 5 day intervals as needed to provide control. Do not make applications less than 3 days apart.  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.
Aster Leafhopper Corn Earworm	6.4 to 16.0 ounces (0.1	*Pest does not occur on this crop in California.
Cutworm	to 0.25	
European Corn Borer	pound	
Fall Armyworm	active) per	
Southern Armyworm	acre	
Do not apply more than 0.8	3 pound active ingredien:	t 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.melopepo) (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.).

\	T Varieties of Officials	· • • • • • • • • • • • • • • • • • • •
Insects	Rate of	Method of
Controlled ·	Application	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
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	acre by aircraft. Do not make applications less than 7 days apart.

Do not apply more than 1.2 pounds active ingredient per acre per season. For cantaloupes, do not apply more than 0.15 pound per application, or 0.75 pound active ingredient 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	Rate of	Method of
Controlled	Application	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 by aircraft. Apply using sufficient
Cabbage Looper Flea Beetles Vegetable Leafminer	6.4 to 9.6 ounces (0.1 to 0.15 pound active) per acre	water to obtain uniform coverage.
Do not apply more than 0.6	pound active ingredien	t per acre per season (1.0

pounds active ingredient per acre per season in Hawaii. Do not make applications less than 7 days apart.

Filherts (14 day phi)

riiberts (14 day pili)		
Insects	Rate of	Method of
Controlled	Application	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 0.4 pound active per acre (50 to 200 gallons finished spray per acre).  For aerial application apply 0.2 to 0.4 pound active in a minimum of 10 gallons of finished spray per acre.  Apply when insects appear.

Do not apply more than 0.75 pound active 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)

	noiseradish (30 day p	1111)	
	Insects	Rate of	Method of
1	Controlled	Application	Application
	Imported Crucifer Weevil (Baris lepidii)	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 at intervals of not less than 10 days as needed to control weevil adults during oviposition.
ŀ			

Do not apply more than 0.45 pound 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, edibleleaved and garland; Corn salad; Cress, garden; Cress, upland (yellow rocket, winter cress); Dandelion; Dock (sorrel); Endive (escarole); Fennel, Florence (finochio); Orach; Parsley; Purslane, garden; Purslane, winter; Radicchio (red chicory); Rhubarb; Swiss chard. Spinach (including New Zealand and vine, Malabar spinach, Indian spinach).\*

mulan spinacily.		
Insects Controlled	Rate of	Method of Application
Aphids Beet Armyworm Corn Earworm Cutworms European Corn Borer Fall Armyworm Green Cloverworm Leafminers Southern Armyworm Tobacco Budworm	Application 6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	Apply when insects first appear and repeat at 3 to 5 day intervals as needed by air or ground to provide control. 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
Alfalfa Looper Cabbage Looper Leafhoppers	3.2 to 12.8 ounces (0.05 to 0.2 pound active) per acre	acre by aircraft.

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 and Leaf:

Lottero) Hour and Loui.			
Insects	Rate of	. Method of	
Controlled	Application	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 when insects first appear and repeat at 3 to 5 day intervals as need by air or ground to provide control. 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	ŧ.	

Do not apply more than 0.8 pound 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 nhi)

_uay piii)		<u> </u>
Insects	Rate of	Method of
Controlled	Application	Application
		Application  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.
	L.,	111401110011111104000

Onions, Bulb (1 day p	hi)	
Insects	Rate of	Method of
Controlled	Application	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. Use the higher
Cutworms Leafminers Onion Maggots (Adults) Stink Bugs	6.4 to 19.2 ounces (0.1 to 0.3 pound active) per acre	label rates as Onion Thrips population increases and avoid rescue situations.
Do not apply more than 1.0	pounds active ingredie	nt per acre per season.

Do not make applications less than 7 days apart

Carlie (4 day mb)

Gariic (1 day phi)		
Insects	Rate of	Method of
Controlled .	Application	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. Use the higher
Cutworms Leafminers Onion Maggots (Adults) Stink Bugs	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	label rates as Onion Thrips population increases and avoid rescue situations.

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

Ornamental Nursery Stock (Field Grown)

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Insects	Rate of	Remarks
Controlled	Application	
Bagworm Beet Armyworm Cabbage Looper Citrus Thrips Heliothis 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 25WP may be used to control specified pests on non-edible ornamentals and non-bearing plants of fruiting species. Caution: Pounce 25WP 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)

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Insects	Rate of	Method of
Controlled	Application	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 pound active 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	Rate of	Method of
I	Controlled	Application	Application
	Green Fruitworm	6.4 to 16.0	Apply with ground equipment
	Lesser Peach Tree	ounces (0.1	using 25-400 gallons of
	Borer,	to 0.25	spray per acre or a minimum
	Oriental Fruit Moth	pound	of 10 gallons per acre by
	Peach Twig Borer	active) per	aircraft. Spray to wet all
i	Plum Curculio	· acre	foliage.
	Rose Chafer		
1	Tarnished Plant Bug		
	Do not apply more than 0.75 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 (Dormant through Delayed Dormant)

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

Do not apply more than 0.65 pound active 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	Rate of	Method of
Controlled	Application	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. Prebloom 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)

reppers, Deli (3 day p	111)	
Insects	Rate of	Method of
Controlled	Application	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 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	8 ounces (0.2 pound active) per acre	
Do not apply more than 0.8	3 pound active ingredie	ent per acre per season

Do not make applications less than 5 days apart.

Pine Seed Orchards

	Insects	Rate of	
Controlled		Application	
	Coneworms Seed Bugs	by Ground (low and high volume applications): Use 8 to 16 fluid ounces of product/acre (0.2 to 0.4 lb ai/acre) using a final carrier solution of 25 to 400 gallons/acre depending on the type of sprayer system being used.  Make up to 3 applications per season at 4 week intervals.	
		by Air: Use 24 fluid ounces of product/acre (0.6 lb ai/acre). Apply in a minimum of 5 gallons of finished spray per acre.  Do not make more than 1 application per season.	

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.

Do not graze livestock in treated areas.

Do not feed cover crops from treated areas to livestock.

Harvesting of conifer seed cones is prohibited within 30 days of application

Pistachios (0 day phi)

Insects	Rate of	Method of
Controlled	Application	Application
Leaffooted Bugs	12.8 to 19.2 ounces	Use sufficient water to obtain
Navel Orangeworm	(0.2 to 0.3 pound	full coverage of foliage.
Peach Twig Borer	active) per acre	Applý Pounce 25WP in a
Plant Bugs		minimum of 10 gallons of
Stink Bugs	1	finished spray per acre by
		aircraft or by ground
	1	equipment in 25-400 gallons
		of finished spray per acre.
Ants	19.2 ounces (0.3	Application should follow
	pound active) per	mowing of weed growth to
	acre	insure maximum coverage of
	<b>\</b> ·	the soil surface.
1.		Overhead moisture following
		application will enhance
activity.		
Do not apply more than 0.9 pound active per acre per crop 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.		

Potatooc (14 day phi)

Do not make applications less than 10 days apart

Potatoes (14 day phi)	*	
Insects	Rate of	Method of
Controlled	Application	Application
Aster Leafhopper Beet Armyworm Cabbage Looper Colorado Potato Beetle Cutworms European Corn Borer Potato Aphid Potato Flea Beetle Potato Leafhopper Potato Plant Bug 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.
Do not apply more than 0.		t per acre per season.

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

Range Grass (New Mexico Only)

Do not harvest or feed hay to livestock.

Range Grass (New Mexico Only)		
Insects	Rate of	Method of
Controlled	Application	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.		

Roses (Field Grown)

Roses (Field Glowil)		
Insects	Rate of	Method of
Controlled	Application	Application
Heliothis spp.	6.4 to 12.8 fluid 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)

110000 (0.001110000)		
Insects	Rate of	Remarks
Controlled	Application	
Beet Armyworm Cabbage Looper Omnivorous Leafroller	12.8 fluid 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	Rate of	Method of
Controlled	Application	Application
Bean Leaf Beetle Cabbage Looper Corn Rootworm Beetles Cutworms Flea Beetle Green Cloverworm Japanese Beetle Mexican Bean Beetle Potato Leafhopper Saltmarsh Caterpillar (Woollybear Caterpillar) Thistle 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 hav		

Do not graze or feed soybean forage or hay. Do not make applications less than 10 days apart.

Spinach: Refer to Leafy Vegetable crop grouping for general use directions. Do not apply more than 0.6 pound active ingredient per acre per season.

Tomatoes, Tomatillos (0 day phi)

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Insects	Rate of	Method of
Controlled	Application	Application
Beet Armyworm	3.2 to 12.8 ounces	Apply with ground equipment
Cabbage Looper	(0.05 to 0.2 pound	in a minimum of 10 gallons
Colorado Potato Beetle	active) per acre	finished spray per acre or in a
Granulate Cutworm		minimum of 2 gallons per acre
Hornworms		by aircraft.
Southern Armyworm		1
Tomato Fruitworm		
Tomato Pinworm		•
Vegetable Leafminers		
Do not apply more than 0.6	nound active ingredie	nt ner acre ner season (0.8

Do not apply more than 0.6 pound active ingredient per acre per season (0.8 pound 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	Rate of	Method of	
Controlled	Application	Application	
Codling Moth Navel Orangeworm Walnut Husk Fly	12.8 to 16.0 ounces (0.2 to 0.25 Pound active) per acre	Application 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 0.4 pound active per acre (25-200 gallons finished spray per acre). For aerial application apply 0.2 to 0.4 pound active in a minimum of 10 gallons of finished spray per acre. Apply when insects	
<u> </u>		appear.	

Do not apply more than 0.75 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.

#### **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. When used in dairy barns and facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.

Shake well before measuring.

For	Target	Method	Dilute	Application
Application	insects	of		Rate
in		Application		
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 Cock- roaches, Mosquitoes and Spiders.	Sprayer	6 ounces* to 11 gallons water or 8 level table- spoons to 3 gallons of water	1 gallon per 750 square feet of surface

<sup>\* 1</sup> ounce of this powder equals 5 level tablespoons. Shake canister before measuring. Make up only as required.

Apply when insects first appear and repeat at 2 week intervals as needed to provide control.

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

riate composition and t			
Pounds Active per	Formulation Ounces per	Formulation Pounds	
Acre	Acre	per Acre	
0.05	3.2	. 0.2	
0.10	6.4	0.4	
0.15	8.0	0.5	
0.20	9.6	0.6	
0.25	11.2	0.7	
0.30	12.8	0.8	
0.40	25.6	1.6	

Dealers Must Sell in Original Packages Only.

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Rev. 2012-09-10