

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

November 4, 2015

Timothy Formella Senior Product Registration Manager FMC Corporation 1735 Market St. Philadelphia, PA 19103

Subject: Label Amendment – Revising Use Directions, crop tables, and making minor formatting changes. Product Name: Pounce 25 WP Insecticide EPA Registration Number: 279-3051 Application Date: May 8, 2015 Decision Number: 505117

Dear Mr. Formella:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, please contact Jennifer Gaines at 703-305-5967 or via email at gaines.jennifer@epa.gov.

Sincerely,

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Jennifer Urbanski, Ph.D., Product Manager 4 Invertebrate and Vertebrate Branch 1 Registration Division (7505P) Office of Pesticide Programs

Enclosure

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

ACTIVE INGREDIENTS:

*Permethrin**	
OTHER INGREDIENTS:	75.0%
	100.0%

EPA Est.

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

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



PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals CAUTION

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):

Wear waterproof gloves.

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. Waterproof 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.

Net Contents:



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

279-3051

Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS

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 washwaters.

This chemical has the potential to 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 foraging 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.

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.

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.

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 CHEMTREC: 1-(800) 424-9300.

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

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

Container Disposal

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 non-uniform 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 Insecticide mixes readily with water to form a suspension. Dilute Pounce 25 WP Insecticide in sufficient volume of water to ensure accurate application over the area to be treated. Mix the required amount of Pounce 25 WP Insecticide 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. Apply Pounce 25 WP Insecticide 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 Insecticide when insects appear or feeding is noticed. Use the higher labeled rate as pest populations increase. Repeat the application as necessary to maintain control. Pounce 25 WP Insecticide may be applied by both ground and aerial equipment. Use sufficient water to obtain full coverage. With the exception of crops listed below, do not plant rotational crops 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 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.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs143_02381 9.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 PRECAUTIONS

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 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 – Mount the spray boom on the aircraft as to minimize drift caused by wingtip or rotor vortices. Use the minimum practical boom length and do 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	Rate of	Method of
Controlled	Application	Application
Alfalfa Caterpillar Armyworms 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 labeled 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 Lygus 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

Inconto	Data of	Method of
Insects	Rate of	
Controlled	Application	Application
Green Fruitworm	6.4 to 16	Use with ground equipment
Oblique Banded	ounces (0.1	only.
Leafroller	to 0.25	Apply in 25-400 gallons of
Plum Curculio	pound	finished spray per acre
Redbanded Leafroller	active) per	when insects appear.
Rosy Apple Aphid	acre	
Spotted Tentiform		
Leafminer		
Tarnished Plant Bug		
White Apple Leafhopper		
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 food cover graps from tracted graps to livestack		

Do not feed cover crops from treated areas to livestock.

Artichoke (0 day PHI)

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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. Buds may be harvested on the day of application.
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)

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Insects	Rate of	Method of
Controlled	Application	Application
Asparagus Beetle	3.2 to 6.4	Apply with ground equipment
Cutworms	ounces	in a minimum of 10 gallons of
	(0.05 to 0.1	finished spray per acre.
	pound	
	active) per	
	acre	
Asparagus Beetle	6.4 ounces	For post harvest application,
Japanese Beetle (Adult	(0.1 pound	apply to the fern stage of the
stage)*	active) per	asparagus plant after spear
Lygus Bugs	acre	harvest when larval and adult
Tarnished Plant Bug		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	Rate of	Method of
Controlled	Application	Application
Avocado Caterpillar	12.8 ounces	Apply with ground equipment
Avocado Lace Bug	(0.2 pound	in 25-400 gallons of finished
Avocado Leafhopper	active) per	spray per acre. Apply when
Avocado Leafroller	acre	insects first appear and
Avocado Looper		repeat at 7 day intervals as
Avocado Tree Girdler		needed to provide control.
Avocado Whitefly		
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 make applications less than 7 days apart.
 Do not graze livestock in treated areas.

 Do not feed cover crops from treated areas to livestock.
 Divestock.

Brussels Sprouts (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 0.4 pound active ingredient per acre per season		
Do not make applications less than 5 days apart.		

Cauliflower (1 day PHI)

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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.		
Demotorelie englisetiens I		

Do not make applications less than 5 days apart.

Broccoli; Chinese Broccoli (gai lon, white flowering broccoli) (1 day PHI)

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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 pound active ingredient per acre per season.		
Do not make any lighting land they 5 down anot		

Do not make applications less than 5 days apart.

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

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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.		

Cherries (Includes Sweet Cherries and Tart Cherries) (3 day PHI)

Insects	Rate of	Method of
Controlled	Application	Application
Green Fruitworm	6.4 to 12.8	Use Pounce 25 WP
Lesser Peach Tree	ounces (0.1	Insecticide as a dilute spray.
Borer	to 0.2 pound	Apply when insects appear.
Plum Curculio	active) per	Apply with ground equipment
Redbanded Leafroller Rose Chafer	acre	in 25-400 gallons of finished
		spray per acre.
Tarnished Plant Bug		
Do not graze livestock in tr Do not feed cover crops fro Do not make applications I Chrysanthemums	om treated areas to lives	tock.
Insects	Rate of	Method of
Controlled	Application	Application
Liriomyza Leafminer	32 ounces	Avoid spraying the blooms.
Flies	(0.5 pound	Pounce 25 WP Insecticide
	active) per	may be applied on a weekly
	100 gallons	schedule.
		Caution: Cultivars may vary in sensitivity and a small
		number of plants should be
		treated to determine plant
		safety prior top commercial

Collards and Turnips (1 day PHI)

	(
Insects	Rate of	Method of
Controlled	Application	Application
Beet Armyworm	3.2 to 9.6	Apply with ground equipment
Cabbage Looper	ounces	only.
Corn Earworm	(0.05 to 0.15	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		
Green Cloverworm		
Imported Cabbageworm		
Leafhoppers		
Leafminer		
Southern Armyworm		
Southern White Butterfly		
Tobacco Budworm		
Vegetable Leafminer Aphids*		
	AZ GA IL NO OK SO	and TX and on Turning in
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.		
Do not make applications less than 3 days apart.		
* Suppression only.		
Cappiecolori only.		

use.

Conifers (Container and Field Grown)

Insects	Rate of	Method of
Controlled	Application	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 Poncorn

Corn (Field), Field Corn Grown for Seed, Popcorn			
Insects	Rate of	Method of	
Controlled	Application	Application	
Controlled Preemergent Use: Armyworms Cutworms Stalk Borers	Application 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 25 WP Insecticide 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. Use linear row calculations 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 Insecticide when incorporating into the soil without exceeding the labeled 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	
Foliar Use: Armyworm (including Fall Armyworm) Corn Borer European Southwestern	6.4 to 9.6 ounces (0.1 to 0.15 pound active) per acre	solution. When treating for stalk borers, Pounce 25 WP Insecticide must be applied when or shortly before the stalk borer larvae are moving into the corn from surrounding weeds and	
Corn Earworm Corn Rootworm Beetles Cutworms Flea Beetle Hop Vine Borer Stalk Borers Webworms		grasses. Mowing or burndown herbicide are suggested to initiate movement. For control of Corn Earworm apply just before silking and continue at intervals of not less than 7	
Foliar Use: Western Bean Cutworm	3.2 to 6.4 ounces (0.05 to 0.1 pound active) per acre	days as needed to provide control. Apply a minimum of 2 gallons of finished spray per acre by air or 10 gallons per acre with ground equipment.	
Up to 0.45 pound active in	greatent may be used pe	a season.	

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	Rate of		Met	hod of
Controlled	Application		Appl	ication
Armyworms	0.5 ounces		Apply as an	in-furrow,
Cutworms	per 1,000		band or T-b	and treatment
	linear feet		using a min	imum 4"
	of row		band. Use t	able below
			to determine	e the Pounce
			25 WP Inse	cticide needs
			for each acr	e.
			Do not apply	y more than
			0.15 lb activ	e ingredient
			per acre per	r season.
Row Spacings (inches)		40	30	20
Pounce 25 WP (pounds	s ai per acre)	0.10	0.15	0.15
Pounce 25 WP (formula	ated oz per acre)	6.4	9.6	9.6

Corn, Sweet (1 day PHI)

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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. 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.		
Aster Leafhopper Corn Earworm Cutworm European Corn Borer Fall Armyworm Southern Armyworm	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre			
Do not apply more than 0.8 pound active ingredient per acre per season. Do not make applications less than 3 days apart.				

Cucurbit Vegetables except Muskmelon (hybrids and/or cultivars of Cucumis melo) (0 day PHI) includes: 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); 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.).

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 apply more than 1.2 pounds active ingredient per acre per season.			

Do not apply more than 1.2 pounds active ingredient per acre per season. Do not make applications less than 7 days apart. Applications may be made up to harvest.

Muskmelon (hybrids and/or cultivars of Cucumis melo) (0 day PHI)

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)

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	6.4 to 12.8	acre by aircraft.

Cucumber Beetle	ounces (0.1	
(adults)	to 0.2	
Cutworms	pound	
Leafhoppers	active) per	
Melonworm	acre	
Pickleworm		
Plant Bugs (including		
Lygus and Stink Bugs)		
Rindworms		
Squash Vine Borer		
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.		
Applications may be made up to harvest.		

Eggplant (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 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 ingredient per acre per season (1.0 pounds active ingredient per acre per season in Hawaii.			

Do not apply more than 0.6 pound active ingredient per acre per season (1.0 pounds 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 0.4 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)

Horseradish (30 day F	'AI)	
Insects	Rate of	Method of
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 ovi- position.
Do not apply more than 0.45 pound active ingredient per acre per season. Do not make applications less than10 days apart.		

Leafy Greens Crop Subgroup 4A (except Spinach) (1 day PHI) includes: Amaranth; Arugula; Chervil; Chrysanthemum, edibleleaved and garland; Corn salad; Cress, garden; Cress, upland; Dandelion; Dock; Endive; Lettuce, head and leaf; Orach; Parsley; Purslane, garden; Purslane, winter; Radicchio

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Insects	Rate of	Method of
Controlled	Application	Application
Aphids Beet Armyworm Corn Earworm Cutworms European Corn Borer Fall Armyworm Green Cloverworm Leafminers Southern Armyworm	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	Apply when insects first appear and repeat at 7-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
Tobacco Budworm		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 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.

Leafy Petioles Crop Subgroup 4B (1 day PHI) includes: Cardoon; Celery; Celery, Chinese; Celtuce; Fennel, Florence (sweet anise, sweet fennel, finochio); Rhubarb; Swiss chard

sweet termer, infochio),	KIIUDAID, SWISS CII	aru
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 7-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 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 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 PHI)

Insects	Rate of	Method of
Controlled	Application	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 25 WP Insecticide 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.
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Onions, Bulb (1 day PHI)

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 ingredient per acre per season.		

Do not make applications less than 7 days apart.

Garlic (1 day PHI)

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

Ornamental Nul Sery C		
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 25 WP Insecticide may be used to control specified pests on non-edible ornamentals and non- bearing plants of fruiting species. Caution: Pounce 25 WP Insecticide 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.
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Papaya (Florida Only) (7 day PHI)

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

- Do not apply more than 0.75 pound active per acre per season. Do not make applications less than 10 days apart.
- 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
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
Plum Curculio	acre	foliage.
Rose Chafer		-
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 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 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)

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Insects	Rate of	Method of
Controlled	Application	Application
Cabbage Looper Corn Earworm Cutworms Flea Beetle	6.4 to 12.8 ounces (0.1 to 0.2 pound	Apply using sufficient water to obtain uniform coverage. Apply with ground equipment using a minimum of 10
Pepper Weevil Vegetable Leafminer	active) per acre	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 pound active ingredient per acre per season. Do not make applications less than 5 days apart.		

Pine Seed Orchards

Insects	Rate of
Controlled	Application
Coneworms	by Ground (low and high volume applications):

Seed Bugs	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 Plant Bugs	active) per acre	Apply Pounce 25 WP Insecticide in a minimum of	
Stink Bugs		10 gallons of finished spray	
etim Dage		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	Application should follow mowing of weed growth to	
	acre	insure maximum coverage of	
		the soil surface.	
		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% hul	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	Rate of	Method of		
Controlled	Application	Application		
Aster Leafhopper	6.4 to 12.8 ounces	Apply with ground equipment		
Beet Armyworm	(0.1 to 0.2 pound	in a minimum of 10 gallons of		
Cabbage Looper	active) per acre	finished spray per acre or in		
Colorado Potato Beetle		a minimum of 2 gallons per		
Cutworms		acre by aircraft.		
European Corn Borer				
Potato Aphid				
Potato Flea Beetle				
Potato Leafhopper				
Potato Psyllid				
Potato Tuberworm				
Tarnished Plant Bug				
Do not apply more than 0.8 pound active ingredient per acre per season.				
Do not make applications less than 10 days apart.				

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.			
Do not harvest or feed hay to livestock.			

Roses (Field Grown)

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)

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 Insecticide, 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 Bean Leaf Beetle Cabbage Looper Corn Rootworm Beetles Cutworms Flea Beetle	Rate of Application 3.2 to 6.4 ounces (0.05 to 0.1 pound active) per acre	Method of Application 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.		
Green Cloverworm Japanese Beetle Mexican Bean Beetle Potato Leafhopper Saltmarsh Caterpillar (Woollybear Caterpillar) Thistle Caterpillar Velvetbean Caterpillar				
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 (1 day PHI) includes: New Zealand spinach and vine spinach

Insects	Rate of	Method of	
Controlled	Application	Application	
Aphids	6.4 to 12.8	Apply when insects first	
Beet Armyworm	ounces (0.1	appear and repeat at 3 to 5	
Corn Earworm	to 0.2	day intervals as needed by	
Cutworms	pound	air or ground to provide control. Use sufficient water	
European Corn Borer Fall Armyworm	active) per	to obtain full coverage of	
Green Cloverworm	acre	foliage.	
Leafminers		lonago.	
Southern Armyworm		Apply with ground equipment	
Tobacco Budworm		in a minimum of 10 gallons of	
		finished spray per acre or in	
Alfalfa Looper	3.2 to 12.8	a minimum of 2 gallons per	
Cabbage Looper	ounces	acre by aircraft.	
Leafhoppers	(0.05 to 0.2		
	pound		
	active) per		
	acre		
Do not apply more than 0.6 pound active ingredient per acre per season. Do not make applications less than 3 days apart.			
be not make applications less than o days apart.			

Tomatoes, Tomatillos (0 day PHI)

Insects	Rate of	Method of
Controlled	Application	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 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 0.25Pound active) per acre	Apply when insects appear. Apply as a dilute spray (minimum of 100 gallons finished spray per acre) or concentrate spray (minimum of 25 gallons finished spray per acre) in sufficient water to provide thorough coverage. Aerial Application – Apply in a minimum of 10 gallons finished spray per acre.		
Do not apply more than 48 oz product (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. **Use Restrictions**

Do not treat manure or litter. Do not contaminate 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.

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

* 1 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 sites.

Rate Conversion Chart

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

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