

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



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Ms. Jill Holihan
FMC Corporation
1735 Market Street
Philadelphia, PA 19103

JUL 31 2012

Subject: Amended Reregistration Label
Product Name: Ammo 2.5 EC Insecticide
EPA Registration Number: 279-3027
EPA Decision Numbers: 397741

Dear Ms. Holihan:

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 Pyrethrins and Piperonyl Butoxide REDs, 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 be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

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 Any previously dated CSFs are superseded.

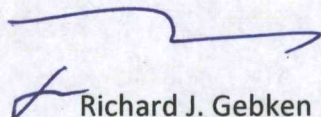
- Basic CSF, dated May 17, 2010
- Alternate CSF #1, dated October 14, 2009

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 Samantha Hulkower at 703-603-0683 or hulkower.samantha@epa.gov.

Sincerely,



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

*Enclosures: Label stamped "Accepted," dated
Acute Toxicity Review, dated April 27, 2011
Product Chemistry Review, dated September 30, 2011*

Code 537

RESTRICTED USE PESTICIDE

Due to Toxicity to fish and aquatic invertebrates
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.

ACCEPTED

JUL 31 2012
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 279-3027

Ammo

2.5 EC Insecticide

EPA Reg. No. 279-3027

EPA Est. 279-

Active Ingredient

* Cypermethrin **	30.6%
Other Ingredients***	69.4%
	100.0%

*(±) (-Cyano (3-phenoxyphenyl)methyl (±) *cis/trans* 3-(2,2-dichloroethenyl)-2,2 dimethylcyclopropane carboxylate
***Cis/trans* ratio: Max. 55% (±) *cis* and min. 45% (±) *trans*
***Contains xylene range aromatic solvents.

Contains 2.5 pounds cypermethrin per gallon.
Technical made in China. Formulated and packaged in the USA.
U.S. Patent No. 4,024,163

KEEP OUT OF REACH OF CHILDREN WARNING

FIRST AID

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

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

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

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.



FMC Corporation
Agricultural Products Group
1735 Market Street

Note to Physician:

May pose an aspiration pneumonia hazard. Contains petroleum distillate. Like the natural pyrethrins, the synthetic derivative is expected to have relatively minor toxicity in humans; in fact, any significant acute toxic effects are more likely from a carrier hydrocarbon solvent. Consequently, induction of vomiting may increase the likelihood of the most important toxic potential, chemical pneumonia, and so should either be avoided or done only under medical supervision. Ingestion of a large amount calls for gastric lavage, with care (Trendelenburg position, suction available, cuffed endotracheal tube if patient is unconscious) to avoid intrapulmonary aspiration. A saline cathartic (sodium or magnesium sulfate), 15-30 gm. dissolved in water should be given, as should 15-20 gm. activated charcoal as a slurry in water. Digestible fats, oils or alcohol may increase absorption and so should be avoided. Skin contact (vapor or powder) may be followed by transient tingling or numbness, usually of the face, but this subsides without treatment.

For Emergency Assistance Call (800) 331-3148

See other panels for additional precautionary information.

PRECAUTIONARY STATEMENTS

Hazards to Humans (and Domestic Animals)

Caution

Causes skin irritation. Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Do not get on skin or on clothing. Avoid contact with eyes. Avoid breathing vapor or spray mist. Wear coveralls worn over short sleeved shirt and short pants, socks, chemical resistant gloves (Barrier Laminate, Vitron, selection category G).

Product should be opened and poured in a well ventilated area.

Personal Protective Equipment (PPE):

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

Handlers who may be exposed to the dilute through application or other tasks must wear: Long sleeved shirt and long pants, Chemical-resistant gloves, such as Barrier Laminate or Nitrile Rubber or Neoprene Rubber or Viton, Shoes plus socks, and Protective eyewear.

Handlers who may be exposed to the concentrate through mixing, loading, application or other tasks must wear: Long sleeved shirt and long pants, Chemical-resistant gloves, such as Barrier Laminate or Nitrile Rubber or Neoprene Rubber or Viton, Shoes plus socks, Protective eyewear, and Chemical-resistant apron when mixing or loading.

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

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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.

See engineering controls for additional requirements.

User Safety Recommendations

Users should wash hands with plenty of soap and water 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

Engineering Controls

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)]

Human flagging is prohibited Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers

Environmental Hazards

This pesticide is toxic to fish aquatic invertebrates oysters and shrimp 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 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

Physical/Chemical Hazards

Combustible Do not use or store the product near heat or open flame

**DIRECTIONS FOR USE
RESTRICTED USE PESTICIDE**

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

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

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

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

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants soil or water is Coveralls Shoes plus socks Chemical resistant gloves made of any waterproof material

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage and disposal

Pesticide Storage

Do not store below 10 F (-12 C)

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 Do not contaminate other pesticides fertilizers water food or feed by storage or disposal

In case of spill avoid contact isolate area and keep out animals and unprotected persons Confine spills Call FMC (800 331 3148)

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

Pesticide Disposal

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

Nonrefillable container Do not reuse or refill this container

Triple rinse container (or equivalent) promptly after emptying

Triple rinse as follows (For containers greater than 5 gallons)

Empty the remaining contents into application equipment or a mix tank Fill the container 1/4 full with water Replace and tighten closures Tip container on its side and roll it back and forth

ensuring at least one complete revolution for 30 seconds Stand the container on its end and tip it back and forth several times

Empty the rinsate into application equipment or a mix tank or

store rinsate for later use or disposal Repeat this procedure two

more times (For containers 5 gallons or less) Empty the

remaining contents into application equipment or a mix tank and

drain for 10 seconds after the flow begins to drip Fill the container

1/4 full with water and recap 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 Then offer for recycling if

available or reconditioning or puncture and dispose of in a

sanitary landfill or incineration or if allowed by state and local

authorities by burning If burned stay out of smoke

Returnable/Refillable Containers Refill this container with

pesticide only Do not reuse this container for any other purpose

Cleaning the container before final disposal is the responsibility of

the person disposing of the container Cleaning before refilling is

the responsibility of the refiller To clean the container before final

disposal empty the remaining contents into application equipment

or mix tank Fill the container about 10% full with water Agitate

vigorously or recirculate water with the pump for 2 minutes Pour

or pump rinsate into application equipment or rinsate collection

system Repeat this rinsing procedure two more times

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 motor 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

Ammo® 2.5 EC insecticide should be applied continuously for the duration of the water application. Ammo 2.5 EC should be diluted in sufficient volume to insure accurate application over the area to be treated. When using chemigation a minimum of 0.5 inch per acre of irrigation water is recommended. Agitation is not required when a suitable diluent is used

BUFFER ZONES

Vegetative Buffer Strip

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

Only apply products containing cypermethrin 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.inrcs.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 permanent 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 permanent 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 permanent 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 the ground. Mist or fog may indicate the presence of an inversion by producing smoke and observing a smoke layer near the ground surface

Droplet Size

Use only Medium or coarser spray nozzles (for ground and non ULV aerial application) according to ASAE (S572) definition for standard nozzles. In conditions of low humidity and high temperatures applicators should use a coarser droplet size

Additional Requirements for Ground Applications

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

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

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

Additional Requirements for Aerial Applications

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

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

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

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

GENERAL INSTRUCTIONS

Use low rate under light to moderate infestation. Higher rates should be used under heavy insect pressure. The rate of application is variable according to insect pressure timing of spray and field scouting

Rotational Crops

With the exception of the crops listed below rotational crops may not be planted within 30 days after last application

Tank-Mixture

Ammo® 2.5 EC insecticide may be applied in tank mixtures with other products approved for use on cotton brassicas bulb vegetables head lettuce and pecans. Observe all restrictions and precautions which appear on the labels of these products

For improved control of aphids and mites on cotton Ammo 2.5 EC may be tank mixed with Curacron® 8E. The tank mixture is most effective when pest populations are first observed. Subsequent applications may be needed to maintain control

Other Restrictions (Risk Mitigation)

Maximum Usage When Applying Both Zeta Cypermethrin and Cypermethrin Products to the Same Crop Within the Same Season

Do not apply more than the maximum seasonal total for either product when used alone and do not apply more than the combined maximum seasonal total for both products as outlined in the table below

Crop	Maximum Seasonal Total for Either Product Used Alone lbs ai/acre			Maximum Seasonal Total When Applying Both Products to the Same Crop (lbs ai/acre)
	Zeta cypermethrin		Cypermethrin	
	Fury or Mustang	Mustang Max		
Cotton	0.3	0.15	0.4	0.4
Head and Stem Brassica	0.3	0.15	0.6	0.6
Leafy Brassica Greens	0.3	0.15	0.4	0.4
Head Lettuce	0.3	0.15	0.6	0.6
Bulb Vegetables	0.25	0.125	0.5	0.5
Pecans	0.3	0.15	0.5	0.5

Fury or Mustang (1.5 EC or 1.5 EW) Mustang Max (0.8 EC)
Any cypermethrin product approved for crop use

Cotton (14 day phi)

PEST	DOSAGE		REMARKS
	LB A/A	FL OZ/A	
Preemergent Use Cutworms	0.025 to 0.1	1.3 to 5	Use Ammo 2.5 EC in the time period from 14 days prior to planting up to emergence of the crop. Apply as a broadcast spray by ground or air banded (including T band) or in furrow spray using sufficient spray volume to achieve adequate coverage. Reduced volumes of water may be used with specialized equipment. Use a minimum of 1 gallon of water per acre by air. Use the higher rates of Ammo 2.5 EC when incorporating into the soil.
Foliar Use Cutworms Tobacco Thrips Soybean (banded) Thrips	0.025 to 0.1	1.3 to 5	Ammo 2.5 EC may be applied in water or refined vegetable oil. When water is used, apply a minimum of one gallon of finished spray per acre by air or five gallons of finished spray with ground equipment. When applying in water by air, one quart of emulsified oil may be substituted for one quart of water in the finished spray. When using oil, use a minimum of one quart per acre in the finished spray.
Foliar Use Boll Weevil Cabbage Looper Cotton Bollworm Cotton Fleahopper Cotton Leaf Perforator European Corn Borer Fall Armyworm Lygus Bugs Other Plant Bugs Pink Bollworm Saltmarsh Caterpillar Tarnished Plant Bug Tobacco Budworm White Flies* Yellow Striped Armyworm	0.04 to 0.1	2 to 5	Ammo 2.5 EC may be injected into overhead sprinkler irrigation water provided 1) an anti-backflow check valve is present between the injection port and the water source, 2) a check valve is present in the line to prevent irrigation water from entering the chemical supply tank and 3) the irrigation injection system has interlocking on/off switches.
Foliar Use Beet Armyworm	0.06 to 0.1	3 to 5	Do not make applications less than 5 days apart. A maximum of 0.4 lb active ingredient (20 fl oz of product) may be applied per acre per year. A maximum of 0.1 lb active ingredient (5 fl oz of product) may be applied per acre per application. Do not graze or feed cotton for forage. Do not make more than 10 synthetic pyrethroid applications (of one product or combinations of products) to cotton in one growing season.

Aids in control
For control of beet armyworms only in the high plains of Texas, Arizona, and California.

Head and Stem Brassica Vegetables including Broccoli Chinese Broccoli (gai lan white flowering broccoli) Brussels Sprouts Cauliflower Cavalo broccolo Kohlrabi Cabbage Chinese Cabbage (napa) (tight heading varieties only) Chinese Mustard Cabbage (gai choy) (1 day phi)

PEST	DOSAGE		REMARKS
	LB A/A	FL OZ/A	
Cutworms Corn Earworm Tobacco Budworm Lygus Bugs Saltmarsh Caterpillar Leafhoppers Flea Beetles Imported Cabbageworm Cucumber Beetles Aphids Whiteflies*	0.05 to 0.1	2.5 to 5	Apply in water as necessary for insect control using a minimum of 15 gallons of finished spray per acre with ground equipment and 5 gallons per acre by air. Lower rates of Ammo 2.5 EC Insecticide should be used under light to moderate insect pressure. Higher rates should be used to control heavy to extremely heavy insect populations. Do not make

PEST	DOSAGE		REMARKS
	LB A/A	FL OZ/A	
Armyworms Loopers Stinkbugs Crickets Ground Beetles Onion Thrips Wireworm (adults)	0.075 to 0.1	3.75 to 5	applications less than 7 days apart. A maximum of 0.6 lb active ingredient (30 fl oz of product) may be applied per acre per season. A maximum of 0.1 lb active ingredient (5 fl oz of product) may be applied per acre per application. In areas where arid climatic conditions persist such as California and Arizona, higher than minimum recommended rates may be required. Follow appropriate spray drift precautions listed for cotton, brassicas, lettuce, and onions.

Aids in control

Leafy Brassica Greens including Broccoli Raab (rapini) Chinese cabbage (bok choy) Chinese Mustard Cabbage (gai choy) Collards Kale Mizuna Mustard Greens Mustard Spinach Rape Greens (1 day phi)

PEST	DOSAGE		REMARKS
	LB A/A	FL OZ/A	
Cutworms Corn Earworm Tobacco Budworm Lygus Bugs Saltmarsh Caterpillar Leafhoppers Flea Beetles Imported Cabbageworm Cucumber Beetles Aphids Whiteflies*	0.05 to 0.1	2.5 to 5	Apply in water as necessary for insect control using a minimum of 15 gallons of finished spray per acre with ground equipment and 5 gallons per acre by air. Lower rates of Ammo 2.5 EC Insecticide should be used under light to moderate insect pressure. Higher rates should be used to control heavy to extremely heavy insect populations. Do not make applications less than 7 days apart.
Armyworms Loopers Stinkbugs Crickets Ground Beetles Onion Thrips Wireworm (adults)	0.075 to 0.1	3.75 to 5	A maximum of 0.4 lb active ingredient (20 fl oz of product) may be applied per acre per season. A maximum of 0.1 lb active ingredient (5 fl oz of product) may be applied per acre per application. In areas where arid climatic conditions persist such as California and Arizona, higher than minimum recommended rates may be required. Follow appropriate spray drift precautions listed for cotton, brassicas, lettuce, and onions.

Aids in control

Lettuce Head (5 day phi)

PEST	DOSAGE		REMARKS
	LB A/A	FL OZ/A	
Corn Earworm Cucumber Beetles Cutworms Diamondback Moth Flea Beetles Imported Cabbageworm Leafhoppers Lygus Bugs Saltmarsh Caterpillar Tobacco Budworm	0.05 to 0.1	2.5 to 5	Apply in water as necessary for insect control using a minimum of 15 gallons of finished spray per acre with ground equipment and 5 gallons per acre by air. Lower rates of Ammo 2.5 EC should be used under light to moderate insect pressure. Higher rates should be used to control heavy to extremely heavy insect populations.
Armyworms Crickets Loopers Onion Thrips Stinkbugs	0.075 to 0.1	3.75 to 5	A maximum of 0.6 lb active ingredient (30 fl oz of product) may be applied per acre per season. A maximum of 0.1 lb active

		<p>ingredient (5 fl oz of product) may be applied per acre per application</p> <p>In areas where arid climatic conditions persist such as California and Arizona higher than minimum recommended rates may be required</p> <p>Follow appropriate spray drift precautions listed for cotton brassicas lettuce and onions</p> <p>Do not make applications less than 7 days apart</p>
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		<p>split</p> <p>A maximum of 0.1 lb active ingredient (5 fl oz of product) may be applied per acre per application</p> <p>Do not graze livestock in treated orchards or cut treated cover crops for feed</p> <p>Do not make applications less than 7 days apart</p>
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Bulb Vegetables (Allium spp) including Garlic Garlic Great Headed (elephant) Green Eschalots Japanese Bunching Onions Leeks Onion Dry Bulb and Green Onion Welch Shallots Dry Bulb and Green Spring Onion or Scallions (7 day phi)

PEST	DOSAGE		REMARKS
	LB A/A	FL OZ/A	
Onion Thrips	0.08 to 0.1	4 to 5	<p>Apply Ammo 2.5 EC in a minimum of 20 gallons per acre with ground equipment or in a minimum of 3 gallons per acre by aircraft. Begin applications when pests appear. Do not make applications less than 7 days apart.</p> <p>To control Onion Thrips</p> <p>Use higher rates as population increases and avoid rescue situations. Use of a crop oil concentrate at 16 fl oz/A is recommended.</p> <p>A maximum of 0.5 lb active ingredient (25 fl oz of product) may be applied per acre per season.</p> <p>A maximum of 0.1 lb active ingredient (5 fl oz of product) may be applied per acre per application.</p> <p>Do not graze livestock in treated areas or cut treated crops for feed.</p> <p>Follow appropriate spray drift precautions listed for cotton brassicas lettuce and onions.</p>
Aphids	0.04 to 0.1	2 to 5	
Armyworms			
Cutworms			
Leafminers			
Onion Maggot Adults			
Stinkbugs			

**Dealers Must Sell in Original Packages Only
Conditions of Sale and Limitation of Warranty and Liability**

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

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather, or crop conditions beyond the control of FMC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and buyer assumes the risk of any such use.

Pecans (21 day phi)

PEST	DOSAGE		REMARKS
	LB A/A	FL OZ/A	
Black Pecan Aphid Hickory Shuckworm Pecan Nut Casebearer Pecan Weevil Yellow Pecan Aphid	0.06 to 0.1	3 to 5	<p>Applications at the lower rate should be made when pest populations are low. Rates should be increased as the pest pressure increases.</p> <p>Apply by ground equipment to the point of drip. Use 100 gallons of dilute spray per acre for smaller trees. For larger trees which require higher gallonage to achieve adequate coverage, apply in 200 to 300 gallons of water. In order to calculate the correct number of gallons of water needed to spray one acre of your trees to the point of drip, you may need to conduct a test. If you do not know how to conduct such a test with your equipment, you should request assistance from your equipment dealer.</p> <p>Up to 0.5 lb active ingredient (25 fl oz of product) per acre per year may be applied prior to shuck.</p>

To the extent consistent with applicable law, FMC or seller shall not be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES, OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY, OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

Curacron—Trademark of Novartis
Ammo and FMC—Trademarks of FMC Corporation

Rev 2012 07 27