



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

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

vanda Wayander Dor

May 15, 2013

Timothy M. Formella FMC Corporation 1735 Market Street Philadelphia, PA 19103

Subject:

Notification – Removal of California State Specific Language

Capture 2EC-CAL

EPA Registration Number: 279-3114 Date of Submission: May 7, 2013

Dear Mr. Formella:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration (PRN) 98-10 dated May 7, 2013, for the above mentioned product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions regarding this letter, please contact BeWanda Alexander at (703) 305-7460 or e-mail <u>alexander.bewanda@epa.gov</u>.

Sincerely,

Richard Gebken

Product Manager Team 10

Insecticide Branch

Registration Division (7505P)

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Please read instruction's on revers	e before comi: .g form.	•	Form Approv	et/IB No. 2070	-0060, Approval expires 05-31-98		
	United States	-	☐ Regist	tration	OPP Identifier Number		
S EPA	Environmental Protection	n Agency	⊠ Amen	dment			
	Washington, DC 204						
			☐ Other:				
	Application for Pesticide - Section I						
1. Company/Product Number 279-3114	·	Richard Ge	oduct Manager ebken		Proposed Classification		
 Company/Product (Name) Capture 2EC-CAL Insecticid 	e/Miticide	PM#)		None Restricted		
5. Name and Address of Applic	ant (Include ZIP Code)	6. Exped	lited Review. I	n accordance v	vith FIFRA Section 3(c)(3)		
FMC Corporation			product is simi	lar or identica ି	ៅ ែលាជាប្រាស់ and labeling		
1735 Market Street Philadelphia, PA 19103		to:	No	4.4.4	\Y 1 5 2013		
rimadelpina, FA 19105	•	EFA Reg. 1	NO	<u> </u>	VI 1 3 2013 —		
Check if this is a r	ew address	Product Na	ime				
_		Section	ı - II				
Amendment – Explain be	low.		Final printed la	bels in response to	o Agency letter dated		
Resubmission in respons	e to Agency letter dated		"Me Too" Applie	cation	•		
Notification - Explain belo			Other - Explair				
Explanation : Use addit	ional page(s) if necessary.	(For Section	I and Section I	l.)			
and EPA regulations at 40 Cl for this product. I understand understand that if this notifica	I that it is a violation of 18 U.S	ges have beer .C. Sec 1001 t terms of PR N	n made to the lab to willfully make a lotice 98-10 and	eling or the Cont any false stateme 40 CFR 152.46,	fidential Statement of Formula		
		Section	- 111				
Material This Product Will I					,		
Child-Resistant Packaging	Unit Packaging Yes		Water Soluble Pa	ckaging	Type of Container Metal		
Yes*	No No		No No	İ	Plastic		
[LINO	If "Yes"	No. per	If "Yes"	No. per	Glass		
*Certification must	Unit Packaging wgt.	container	—				
be submitted					Daper Other		
3. Location of Net Contents In	formation 4 Size(s) I	Retail Container		5 Location o	of Label Directions		
Label	Container			On Labe			
				On label	ing accompanying product		
6. Manner in Which Label is A		•	Other _				
	☐ Paper ☐ Stencii			6.1.6	1 (((
Section - IV					() () ()		
Contact Point (Complete ite	ms directly below for identification	of individual to	be contacted, if ne	cessary, to pròċeຣ	s this application)		
Name Title Telephone No. (Include Area							
Timothy M. Formella Senior Product Registration Manager 20de) 215-299-6717							
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. 2. Signature 3. Title 6. Pate Application Received (Stamped)					6. Date Application Received		
Jimothy 1	finelle		oduct Registrati	on Manager			
4. Typed Name Timothy M.	· ·	5. Date	Man 7	2013			

FMC Agricultural Products



May 7, 2013

Richard Gebken
United States Environmental Protection Agency (NOTIF)
Office of Pesticide Programs (7505P)
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202

FMC Corporation 1735 Market Street Philadelphia, PA 19103

215.299.6000 phone 215.299.6468 fax www.fmc.com

Subject: Notification per PR Notice 98-10 – delete California specific language Capture 2EC-CAL Insecticide/Miticide, EPA Reg. No. 279-3114

Dear Mr. Gebken:

FMC herein submits a notification per PR Notice 98-10 for the end-use pesticide product Capture 2EC-CAL Insecticide/Miticide (EPA Reg. No. 279-3114) containing the active ingredient bifenthrin. This notification is made to remove the California specific language from the registered product label having to do with requirements for closed system packaging.

Specifically, on page 2 of the product label the section with the header "Special Equipment" regarding California Department of Food and Agriculture requirement for closed system packaging of Capture 2EC-CAL is being removed from the label. California regulations require products with Toxicity Category 1 (i.e. "Danger" signal word) to be used in closed systems that meet California Department of Food and Agriculture criteria. Capture 2EC-CAL has a "Warning" signal word and does not meet the requirement for closed system packaging. This is the only change being made to the label at this time.

In support of this Notification for a revised Capture 2EC-CAL label please find the following:

- a completed EPA Form 8570-1;
- a red-lined version of the proposed label showing the deletion made;
- Clean copies of the proposed label;
- a CD with the electronic version of the revised label with appropriate file name;
- a completed Certification with Respect to Label Integrity form.

If you have any questions concerning this submission, please feel free to contact me by telephone at (215) 299-6717 or email at tim.formella@fmc.com.

Sincerely,

Timothy M Formella

Senior Product Registration Manager

RESTRICTED USE PESTICIDE

Toxic to fish and aquatic organisms.

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

NOTIFICATION MAY 1 5 2013



Insecticide/Miticide

EPA Reg. No. 279-3114 Active Ingredient:	EPA Est. 279- By Wt.
Bifenthrin: (2 methyl[1,1'-biphenyl]-3-yl) methyl 3-(2-chloro-3,3,3-trifluoro-1-prop)
2,2-dimethyl-cyclopropanecarboxylate*	25.1%
Other Ingredients:**	74.9%
~	100.0%

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



KEEP OUT OF REACH OF CHILDREN **WARNING AVISO**

This label must be in the possession of the user at the time of application.

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See other panels for additional precautionary information.



FMC Corporation 1735 Market Street Agricultural Chemical Group Philadelphia PA 19103

FIRST AID

If Swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a 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 mouthto-mouth, if possible. Call a poison control center or doctor for further 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 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.

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.

Note to Physician:

This product is a pyrethroid. Contains petroleum distillate - vomiting may cause aspiration pneumonia. If large amounts have been ingested, the stomach and intestines should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

For Emergency Assistance Call (800) 331-3148.

PRECAUTIONARY STATEMENTS Hazards to Humans (and Domestic Animals)

Warning
May be fatal if swallowed. Harmful if inhaled, or absorbed through skin. Causes moderate eye irritation. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment:

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, and shoes plus socks.

Handlers who may be exposed to the concentrate through mixing, loading, application or other tasks must wear: long-sleeved shirt and long pants, chemical-resistant gloves, such as Burrier Laminate or Nitrile Rubber or Neoprene Rubber or Viton, shoes plus socks, and protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do them. Follow เกลูกน์ใสู่cturer's instructions cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other

User Safety Recommendations

Users should:

Wash hands before eating, drinking, chewing gurn, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. 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 product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops if bees are visiting the treatment area.

Physical/Chemical Hazards

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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

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

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, Chemical-resistant gloves, such as Barrier Laminate or Nitrile Rubber or Neoprene Rubber or Viton, and Shoes plus

STORAGE AND DISPOSAL

Pesticide Storage

Do not freeze. Do not store below 40° F. If crystals are observed, warm material to above 60° F by placing container in warm location. Shake or roll container periodically to redissolve solids.

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: 1-(800)-331-

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

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

U-Turn® Container: Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase.

Metal or Plastic Container: Non-refillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after flow begins to drip. Fill the container % full with water and recap. Shake for 10 seconds, Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after 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 by other procedures approved by State and local authorities. Do not cut or weld metal containers

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.

Rotational Crops

Crops for which bifenthrin tolerances exist may be rotated at any time.
All other crops may be rotated 30 days following the final application of

Tank-Mixture

Capture 2 EC Insecticide/Miticide may be applied in tank mixtures with other products approved for use on registered crops: Observe all restrictions and precautions which appear on the labels of these products. Test for compatibility of products Lefore mixing.

Application Instructions

Rate of application is variable according to pest pressure, timing of sprays, and field scouting. Use lower rates under light to moderate infestations; higher rates under heavy insect pressure επ.d foi mite control. Arid climates generally require higher rates.

Chemigation Use Directions

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

greenhouse systems) used for pesticide application to a public water system.

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

Results from utilizing chemigation have been variable and depend upon the set up and calibration of equipment. Crop injury, lack of effectiveness, or illegal residues in the crop can result from non-uniform distribution of treated water. Contact your State Agricultural Extension Service specialists, equipment manufacturers or other experts for consultation on the suitability of the equipment set up to obtain effective control of the target insect pests.

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

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

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

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

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

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

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

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

Capture 2 EC insecticide/miticide should be applied continuously for the duration of the water application. Capture 2 EC should be diluted in sufficient volume to ensure accurate application over the area to be treated. When using chemigation, a minimum of 0.5 inch per acre of irrigation water is recommended. Agitation generally is not required when a suitable diluent is used. A diluent test should be conducted to ensure that phase separation will not occur during dilution and application. Failure to achieve a uniform dilution throughout the time of application may result in undesirable residues or less than desirable control.

BUFFER ZONES

Vegetative Buffer Zones

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 bifenthrin onto fields where a maintained vegetative buffer strip of at least 10 feet exists between the field and down gradient aquatic habitat.

For guidance, refer to the following publication for information on constructing and maintaining effective buffers: Conservation Buffers to Reduce Pesticide Losses. Natural Resources Conservation Services. USDA, NRCS. 2000. Fort Worth, Texas. 21pp. http://www.in.csusda/v/technical/agronom/newconbuf.pdf.

Buffer Zone for Ground Application (groundboom, overhead chemigation, or 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, ponds, estuaries, and commercial fish ponds).

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

Spray Drift Requirements

Wind Direction and Speed

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

Temperature Inversion

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

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.

BRASSICAS

CROP	PEST	DOS	AGE	REMARKS
	PESI	LB/AI/A	FL OZ.A	KEWARKS
Head and Stem Brassica Vegetables including: Broccoli Chinese Broccoli (gai Ion, white flowering broccoli) Brussels Sprouts Cauliflower	Cutworms Com Earworm Saltmarsh Caterpillar Flea Beetles Imported Cabbagewor m Whitefly Armyworms Loopers Crickets Diamondback Mothd	0.033 - 0.10	2.1 - 6.4	Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment. When applying by air, 1-2 quarts of emulsified oil may be substituted for 1-2 quarts of water in the finished spray. Thorough coverage is essential to achieve contre?.
Cavalo broccolo Kohlrabi Cabbage	Lygus Spp.	0,08 - 0.10	5.12 - 6.4	Do not aprily more than 0.5 in active ingredient (1 quart) per acre per season.
Chinese Cabbage (napa) Chinese Mustard Cabbage (gai choy)			(((((((((((((((((((Do not make more than 5 applications after bloom. Do (

CANEBERRIES

CROP	DEST	PEST DOSAGE		REMARKS
CROP	PESI	LB/Al/A	FL OZ.A	REWARKS
Including: Blackberries	Leafrollers Orange Tortrix Root Weevils	0.05 - 0.10	3.2 - 6.4	Apply by air or ground equipment using sufficient water to obtain full coverage of foliage.
Dewberries Lowberries Marionberries Olallieberries	Spider Mites	0.10	6.4	(minimum of 10 gallons per acre by air and 50 gallons per acre by ground).
Youngberries Loganberries Raspberries				One application may be made pre-bloom and a second application may be made post bloom.
				Do not apply within 3 days of harvest.

CANOLA, CRAMBE, RAPESEED

OANOLA, ONAMBE, NAI LOLLD					
CROP	PEST	DOS	AGE ·	REMARKS	
CROP		LB/AI/A	FL OZ.A	KEWAKKS	
Canola Crambe Rapeseed	Cutworms Aphids Cutworms Diamondback Moth Loopers Other Lepidopterou s Larvae Flea Beetle Flea Hopper Grasshopper Plant Bug Stink Bugs Seedpod Weevil Thrips Whitefly Armyworms	0.033 -0.04	2.1 - 2.6	Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment. When applying by air, 1-2 quarts of emulsified oil may be substituted for 1-2 quarts of water in the finished spray. Thorough coverage is essential to achieve control. Do not apply more than 0.08 lb active ingredient (5.12 ounces) per acre per season. Do not make applications less than 14 days apart. Do not apply within 35 days of harvest.	

COTTON

onon.	DECT	DOSAGE		DEMARKS
CROP	PEST	LB/AI/A	FL OZ.A	REMARKS
Cotton	European Corn Borer Soybean (Banded) Thrips Tobacco Thrips Boll Weevil	0.02-0.1	1,3-6.4	Capture 2 EC-CAL may be applied in water or refined vegetable oil (soybean/cottonseed). Application in Water: Apply in a minimum of 5 gallons per acre with
	Boilworm Cabbage Looper Cotton Aphid Cotton Fleahopper Cotton Leafperforato r Cutworms Fall Armyworm Lygus Spp. Plant Bugs Saltmarsh Caterpillar Southern Garden Leafhopper Stink Bugs Tobacco Budworm Whitefly Yellow Striped Armyworm	0.04-0.1	2.6-6.4	gailons per acre will gallon per acre by aircraft. When applying by aircraft. When applying by air, 1 quart of emulsified oil may be substituted for one quart of water in the finished spray. To Control Boll Weevil: Apply Capture 2 EC-CAL at an interval of 3 to 4 days until pest numbers are reduced to acceptable levels. To Control Mites and Aphids: Apply when pests first appear. Repeat as necessary to main-tain control. Higher rates will be required once a damaging threshold is established.
	Beet Armyworm Carmine Spider Mite Pink Bollworm Twospotted Spider Mite	0.06-0.1	3.8-6.4	

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

Field Corn (Grain and Silage), Popcorn, Field Corn Grown For Seed (AT PLANT USE)

	DOS	AGE		
PEST	LB/AI/A FL OZ.A		REMARKS	
Corn Rootworm Larvae	.0046 pound	0.30 fluid	Analy so a E to 7 inch T	
Mexican	active per	ounces per	Apply as a 5 to 7 inch T-	
Northern	1,000 linear	1,000 linear	open seed furrow. Position	
Southern	feet of row	feet of row	the spray nozzle behind the	
Western Army Cutworm	.0023 to	0.15 to 0.30	planter shoe, in front of the	
Cutworm Species	.0046 pound	fluid ounces	press wheel centered over the row. Use the table	
Grubs	active per	per 1,000	below to determine the	
Seed Corn Beetle	1,000 linear	linear feet	Capture 2EC needs per	
Seed Corn Maggot True Armyworm or	feet of row	of row	acre. Apply in a minimum of	
Armyworm Species		İ	3 gallons of finished spray per acre.	
Wireworm			Mix Capture 2EC with water	
İ			or fertilizer in the following	
			manner. Fill the spray tank	
			approximately one-half full	
			with water or liquid fertilizer, add the proper amount of	
{	[·	Capture 2EC, then add the	
			rest of the water or fertilizer.	
			Provide sufficent agitation	
]		ļ ,	during mixing and application to maintain a	
			uniform spray mixture.	
			Applications of Capture	
			2EC alone or in recommended tank	
l			mixtures, in conjunction	
			with in furrow pop-up	
			fertilizers may be used. A	
			jar compatibility test should be performed with	
			appropriate ratio of Capture	
			2EC and fertilizer to ensure	
			mixture will stay in solution.	
			Constant agitation should be maintained during	
			mixing and application.	
			Do not apply to soil where	
			there is greater than 30%	
			cover of crop residue remaining.	
			Do not apply within 30 days of harvest	
			Do not graze livestock in	
			treated area or cut treated	
			crops for feed within 30 days of treatment.	
			Do not apply more than 0.1	
			pound active per acre per	
			season as an at plant	
			application.	
Row Spacings (inches)		40	38 36 30	
Capture 2EC (pounds ai Capture 2EC (formulated o		0.060 3.9	0.064 0.069 0.080	
Capture ZEC (formulated o	unces per acre)	3.9	4.1 4.4 5.12	

Field Corn (Grain and Silage), Popcorn, Field Corn Grown For Seed (FOLIAR USE)

	DOSAGE			
PEST	LB/AI/A	FL OZ.A		
Aphids	0.033-0.10	2.1-6.4		
Army Cutworm				
Beet Armyworm	•			
Cereal Leaf Beetle				
Chinch Bug				
Common Stalk Borer				
Corn Earworm				
Corn Rootworm Adults				
Cucumber Beetle Adult				
Cutworm Species				
European Corn Borer				
Fall Armyworm				
Flea Beetle				
Grasshoppers				
Greenbug				
Japanese Beetle Adult				
Leafhopper		•		
Sap Beetle				
Southern Armyworm				
Southern Corn Leaf Beetle				
Southwestern Corn Borer				
Stinkbugs				
Tarnished Plant Bug				
Thrip		_		
True Armyworm or Armyworm Species		•		
Webworms		•		
Western Bean Cutworm				
Yellowstriped Armyworm	0.08-0.10	5.12-6.4		
Banks Grass Mite	0.00-0.10	5.12-6.4		
Carmine Mite				
Twospotted Spider Mite				

RESTRICTIONS—Corn

Do not apply more than 0.2 pound active per acre per season.

Do not apply within 30 days of harvest.

Do not graze livestock in treated areas or cut treated crops for feed within 30 days of the last application.

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

Do not make aerial or ground applications to corn if heavy rainfall is imminent.

REMARKS—Corn

REMARKS—Corn General: Apply in a minimum of 2-5 gallons of finished spray per acre by aircraft or in a minimum of 10 gallons per acre with ground equipment. To improve control by aircraft, use 5 gallons of finished spray per acre particularly when initial populations are heavier than normal. When applying by air, 1-2 quarts of emulsified oil may be substituted for 1-2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.

To control ear-attacking pests: Apply Capture 2 EC-CAL just before silking and repeat as necessary to maintain control.

Southwestern Corn Borer, European Corn Borer: Make application for corn borer control with initial application at or shortly before egg

For control of other insect pests: Apply when pests first appear and repeat as necessary.

For Control of Mites:

Apply for Banks Grass Mite control when colonies first form prior to leaf damage or discoloration and before dispersal above the bottom third of the plant.

For Twospotted Spider Mite and Carmine Mite control, apply when colonies first form prior to leaf damage or discoloration and before widespread mite dispersal throughout the canopy.

Higher rates will be necessary for heavier initial populations and corn under heat or drought stress. Field experience with dimethoate at 0.5 lb. active per acre in tank mixture has demonstrated good control under these conditions.

SWEET CORN SWEET CORN GROWN FOR SEED (AT PLANT USE)

DOSAGE DOSAGE				
PEST			REMARKS	
Corn Rootworm Larvae	LB/AI/A	FL OZ.A 0.30 fluid		
Mexican	.0046 pound active per	ounces per	Apply as a 5 to 7 inch T-	
Northern	1,000 linear	1,000 linear	band treatment over an open seed furrow. Position	
Southern	feet of row	feet of row	the spray nozzle behind the	
Western			planter shoe, in front of the	
Army Cutworm	.0023 to	0.15 to 0.30	press wheel centered over	
Cutworm Species	.0046 pound	fluid ounces	the row. Use the table	
Grubs Seed Corn Beetle	active per 1,000 linear	per 1,000 linear feet	below to determine the	
Seed Corn Maggot	feet of row	of row	Capture 2EC needs per acre. Apply in a minimum of	
True Armyworm or	1001011011		3 gallons of finished spray	
Armyworm Species			per acre.	
Wireworm			Mix Capture 2EC with water	
1		ļ	or fertilizer in the following	
1			manner. Fill the spray tank	
1			approximately one-half full	
			with water or liquid fertilizer,	
ľ			add the proper amount of Capture 2EC, then add the	
1			rest of the water or fertilizer.	
			Provide sufficent agitation	
			during mixing and	
			application to maintain a	
			uniform spray mixture.	
			Applications of Capture	
1			2EC alone or in	
1			recommended tank mixtures, in conjunction	
1			with in furrow pop-up	
Į.			fertilizers may be used. A	
			jar compatibility test should	
			be performed with	
			appropriate ratio of Capture	
			2EC and fertilizer to ensure mixture will stay in solution.	
1			Constant agitation should	
			be maintained during	
			mixing and application.	
			Do not apply to soil where	
			there is greater than 30%	
			cover of crop residue	
			remaining.	
			Do not apply within 30 days of harvest	
			Do not graze livestock in	
			treated area or cut treated	
			crops for feed within 30	
			days of treatment.	
			Do not apply more than 0.1	
			pound active per acre per	
)		·	season as an at plant l application.	
Row Spacings (inches)		40	38 36 30	
Capture 2EC (pounds ai	per acre)	0.060	0.064 0.069 0.080	
Capture 2EC (formulated of		3.9	4.1 4.4 5.12	

SWEET CORN SWEET CORN GROWN FOR SEED

PEST	DOSAGE			
PESI	LB/AI/A	FL OZ.A		
Aphids	0.033-0.10	2.1-6.4		
Army Cutworm				
Aster leafhopper				
Beet Armyworm		1		
Cereal Leaf Beetle		ł		
Chinch Bug		1		
Common Stalk Borer		.		
Corn Earworm				
Corn Rootworm Adults		I		
Corn Silkfly		1		
Cucumber Beetle Adult				
Cutworm Species		1.		
European Corn Borer				
Fall Armyworm		· .		
Flea Beetle				
Grasshoppers		1		
Greenbug		1.		
Japanese Beetle Adult	•	1.		
Leafhopper				
Sap Beetle				
Southern Armyworm				
Southern Corn Leaf Beetle		1		
Southwestern Corn Borer		t .		
Stinkbugs _				
Tarnished Plant Bug				
Thrip				
True Armyworm or Armyworm Species		1		
Webworms	•	ſ		
Western Bean Cutworm				
Yellowstriped Armyworm	· · · · · · · · · · · · · · · · · · ·			
Banks Grass Mite	0.08-0.10	5.12-6.4		
Carmine Mite		l .		
Pacific Spider Mite		Ī		
Twospotted Spider Mite				

RESTRICTIONS—Sweet Corn

Do not apply more than 0.2 pounds active ingredient (12.8 ounces formulated) per acre per season.

Do not apply within one day of harvest.

Do not graze livestock in treated areas or cut treated crops for feed within 1 day of the last application.

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

Do not make aerial or ground applications to corn if heavy rainfall is

REMARKS—Sweet Corn

General: Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment. When applying by air, 1-2 quarts of emulsified oil may be substituted for 1-2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.

To control ear-attacking pests: Apply Capture 2EC-CAL when silking begins and repeat as necessary to maintain control.

Southwestern Corn Borer, European Corn Borer: Make 2 applications for corn borer control with the initial application at or shortly before egg hatch.

For control of other insect pests: Apply when pests first appear and repeat as necessary.

For Control of Mites: Apply for Banks Grass Mite control when colonies first form prior to leaf damage or discoloration and before dispersal above the bottom third of the plant.

For Twospotted Spider Mite and Carmine Mite control, apply when colonies first form prior to leaf damage or discoloration and before widespread mite dispersal throughout the canopy.

Higher rates will be necessary for heavier initial populations and corn under heat or drought stress.

ARTICHOKE

PEST	DOSAGE		REMARKS
	LB/AI/A	FL OZ.A	REWARKS
Cribrate Weevil Artichoke Plume Moth	0.10	6.4	Apply when pest population reaches damaging threshold and repeat as necessary to maintain control, but not more often than 15 day intervals. Application by ground: Apply a full cover spray in a minimum of 75 gallons of finished spray per acre. Application by air: Apply specified dosage in a minimum of 10 gallons per acre.
			A 5-day preharvest interval must be observed.

CUCURBITS:

0000.	VDITO.			
CROP	PEST	DOS	AGE	REMARKS
CROP	PESI	LB/AI/A	FL OZ.A	REWARKS
Chayote (fruit) Chinese waxgourd (Chinese preserving melon) Citron melon Cucumber Gherkin Gourd, edible (includes hyotan, cucuzza) (Luffa spp.) (includes hechima, Chinese okra) (Momordica	Aphids Cutworms Cabbage Looper Leafhoppers Gucumber Beetles Squash Bugs Armyworms Melonworm Pickleworm Pickleworm Plant bug Stink Bugs Rindworm Squash Vine Borer Corn Tobacco Budworm Grasshopper	0.04 - 0.10	2.6 - 6.4	Apply in a minimum of 5 gallons of finished spray per acre by air or in a minimum of 20 gallons per acre with ground equipment. When applying by air, 1-2 quarts of emulsified oil may be substituted for 1-2 quarts of water in the finished spray. Thorough coverage is essential to achieve control. Do not apply more than 0.3 lb active ingredient (19.2 ounces formulated) per acre per season. Do not make more than two applications after

spp.)	Whitefly	0.08 - 0.10	5.12 - 6.4	bloom.
(includes	Twospotted			Do not make applications
balsam	Spider Mite			less than 7 days apart.
apple,	Carmine	•		
balsam	Mite			Do not apply within 3 days of harvest.
pear, bitter	Banks			days of harvest.
melon,	Grass Mite	ľ		1
Chinese	Lygus spp.	ì		1
cucumber)				
Muskmelon				
(hybrids				
and/or				1
cultivars of				1
Cucumis	1			
melo)				
(includes				
true	l .			l
cantaloupe,				
cantaloupe,				
casaba,				·
crenshaw	{			
melon, golden				
pershaw				
melon,				J
honeydew				ł
meion,				
honey balls,				
mango	l			
melon.				
Persian				·
melon,				
pineapple				•
melon,				
Santa Claus				
melon, and				
snake			i	
melon)				
Pumpkin				
(Cucurbita				
spp.)				
Squash,				
summer				
(includes				
crookneck				
squash,				
scallop				. *
squash,				
straightneck				
squash,				
vegetable				
marrow, zucchini)				
Squash,				
winter				
(includes				
butternut				
squash,				
calabaza,				
hubbard				
squash (C.		i .		
mixta; C.			·	•
pepo)				
includes	1			
acom				
squash,	İ			
spaghetti				
squash)				
Watermelon				
(includes				
hybrids				
and/or	j			
varieties of				
Citrullus				
spp.).				

LETTUCE, HEAD

LETTOOL, TILAD				
DECT	DOS	AGE	REMARKS	
PEST	LB/Al/A	FL OZ.A	REWARKS	
Aphids Armyworms Cabbage Maggot Corn earworm Cucumber Beetles Cutworms Diamondback Moth Flea Beetles Grasshopper Imported Cabbageworm Leafhoppers Loopers Salt Marsh Caterpillar Stink bug Spp. Thips Tobacco Budworm Whitefly	0.033 to 0.10	2.1 to 6.4	Apply in water as necessary for insect control using a minimum of 15 gallons of finished spray per acre with ground equipment and 5 gallons per acre by air. When applying by air, 1-2 quarts of emulsified oil may be substituted for 1-2 quarts of water in the finished spray. Thorough coverage is essential to achieve control. Do not make applications less than 7 days apart.	
Lygus Spp. Carmine Mite	0.08 to 0.10	5.12 to 6.4	ingredient may be applied per acre per season.	
Two Spotted SpiderMite	·		Do not apply within 7 days of harvest.	

PEPPERS, BELL AND NON-BELL

r			
PEST	DOSAGE		REMARKS
F L 31	LB/AI/A	FL OZ.A	KEWARKS
Aphids Armyworms Corn earworm Cucumber Beetles Cutworms European Corn Borer Flea Beetles Leafhoppers Leafminers Loopers Pepper Weevil Stink bug spp Tobaco budworm Thrips Whitefly	0.033 to 0.1	2.1 to 6.4	Apply using sufficient water to obtain uniform coverage. Apply as needed. Apply with ground equipment using a minimum of 10 gallons of finished spray per acre or a minimum of 2 gallons per acre by aircraft. Do not make applications less than 7 days apart. Do not apply more than 0.20 pound active ingredient per acre per season.
Lygus Spp. Broad Mite Carmine Mite Two Spotted Spider Mite	0.08 to 0,10	5.12 to 6.4	Do not apply within 7 days of harvest.

SUCCULENT PEAS AND BEANS

3000	SUCCULENT PEAS AND BEANS				
CROP	DECT	DOS	AGE	DEMARKS	
CROP	PEST	LB/AI/A	FL OZ.A	REMARKS	
Pea (Pisum spp.): Dwarf pea, Edible-pod	Flea Beetle Grasshoppers Aster Leafhopper	0.025 - 0.10	1.6 - 6.4	Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons	
pea, English pea Garden pea, Green pea, Green pea, Sugar snap pea Bean (Phaseolus spp.): Broadbean (Succulent) Lima bean (green) Runner bean, Snap bean, Wax bean Bean (Vigna spp.): Asparagus bean, Blackeyed pea dothinese longbean, Cowpea Moth bean, Southern pea Yardlong bean Soybean (immature seed) Sword bean	Leafhoppers Aphids	0.033 - 0.10	2.1 - 6.4	minimum of 10 gallons per acre with ground equipment. When applying by air, 1-2 quarts of emulsified oil may be substituted for 1-2 quarts of water in the finished spray. Thorough coverage is essential to achieve control. Do not apply more than 0.2 lb. active ingredient (12.8 ounces formulated) per acre per season. Do not apply within 3 days of harvest	
	Whitefly Banks Grass	0.08 - 0.10	5.12 - 6.4		
	Mite Twospotted Spider Mite Carmine Mite				
<u> </u>	Lygus Sp	٠ (

EGGPLANT

	T	500	ACE	
CROP	P PEST DOSAGE			REMARKS
		LB/AI/A	FL OZ.A	
Eggplant	Colorado Potato Beetle Corn Earworm European Corn Borer Flea Beetle Cabbage Looper Tomato Pinworm Tomato Hornworm Vegetable Leafminer Whitefly Armyworms Plant Bug Stink Bug Thrips	0.033 - 0.10	2.1 - 6.4	Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment. When applying by air, 1-2 quarts of emulsified oil may be substituted for 1-2 quarts of water in the finished spray. Thorough coverage is essential to achieve control. Do not make applications less than 7 days apart. Do not apply more than 0.2 lb active ingredient (12.8 ounces formulated) per acre per season. Do not apply within 9 days of harvest.
	Banks Grass Mite Twospotted Spider Mite Carmine Mite Pacific Spider Mite Lyous Spp.	0.08 - 0.10	5.12 - 6.4	

HOPS			
PEST	DOS	AGE	REMARKS
PESI	LB/AI/A	FL OZ.A	REWARKS
Aphids Armyworms Cutworms Leafrollers Loopers	0.06 to 0.1	3.8 to 6.4	Do not exceed 0.1 lb ai per acre per application. Do not exceed 0.3 lb ai per acre per season.
Root Weevils	0.05 to 0.1	3.2 to 6.4	A spray interval of 21 days between applications must
Twospotted spider mite	0.1	6.4	be maintained. A 14 day pre-harvest interval must be observed. Application by ground: For best results, full coverage is essential. Early season recommend 100-150 gallons of spray per acre. Late season recommend 200-250 gallons of spray per acre. For Root Weevil control, make a directed spray to the base of the plant. Spray up the vine 3 feet and the soil surface 1.5 to 2 feet on either side of the plant. Application by air for late season control of twospotted spider mites: Apply no less than 6.4 oz. (0.1 lb ai) per application in a minimum of 10 gallons per acre. Use of ultra low volume (ULV) application on hops is prohibited.

PEARS

PEST	DOS	AGE	REMARKS
FEST.	LB/AI/A	FL OZ.A	REMARKS
Aphids Codling Moth Cutworms Green Fruitworm Leafhoppers Leafminers Leafminers Lygus spp. Plant Bugs Plum Curculio San Jose Scale (Crawlers) Stink Bugs	0.04 to 0.2	2.6 to 12.8	Application by ground: Apply as a dilute (minimum of 200 gallons of finished spray per acre) or concentrate (minimum of 50 gallons of finished spray per acre) spray in sufficient water to provide thorough coverage. Application by air: Apply the specified dosage in a minimum of 10 gallons per
Tamished Plant Bugs			acre by air.
Twospotted Spider Mite Yellow Mite	0.06 to 0.2	8.8 to 12.8	Do not apply more than 0.5 pound active per acre per
European Red Mite	0.08 to 0.2	5.12 to 12.8	season with no more than 0.45 pound active per acre applied after petal fall. Apply as necessary to maintain control using a minimum of 30 day spray interval. Apply up to 14 days prior to harvest. Do not graze livestock in treated orchards or cut treated cover crops for feed.

CITRUS (1 day phi)

OTTICO (1 day pin)						
Insects	Rate of	Method of				
Controlled	Application	Application				
Diaprepes Root Weevil (Diaprepes abbreviatus) Fire ants Asian cockroach	16 - 32 ounces (0.25 - 0.50 pound active) per acre	Apply to individual citrus resets, when not in solid planted rows, using hand-gun or shielded sprayer.				
7 Clair Cooksaari		Peak emergence of Diaprepes root weevil generally occurs in the spring. Depending on weather conditions, a minor emergence of Diaprepes root weevil may also occur in the fall.				
		If the citrus grove to be treated is in an area where weather conditions are conducive to primary emergence occurring in the spring, 32 fluid ounces formulated product should be used to obtain the longest residual management of Diaprepes root weevil.				
		If the citrus grove to be treated is in an area where weather conditions will promote more than one peak of pest emergence, 16 fluid ounces formulated product can be applied early season and 16 fluid ounces formulated product can be applied later in the season.				
		If emergence extends beyond the residual protection of Capture 2EC, grower is advised to use additional management strategies (i.e. foliar adult control or soil larvae control such as nematodes). Contact your state agricultural Extension Specialist as to the recommendation suited for local conditions.				

Do not apply through irrigation systems.

Do not allow any application of Capture 2EC to contact fruit or foliage,

Do not apply more than a total of 32 fluid ounce; of connucated product (0.5 lb. a.i.)per acre per year.

Apply the specified doseage in a minimum of 30 fullons of finished spray per acre.

Ground application only. Do not apply by air.

TOMATOES (1 day phi)

LOIMY LOES (ruay piii)	
Insects Controlled	Rate of Application	Method of Application
Controlled Aphids Armyworms Including: Beet Armyworm, Faill Armyworm, Southern Yellowstriped Armyworm Bean Leaf Beetle Cabbageworm Carmine Mite Clovenworm Corn earworm Corn Rootworm Corn Rootworm Cucumber Beetles Cutworms Diamondback Moth European Corn Borer Flea Beetles Flea Hopper Grasshopper Japanese Beetle (Adult) Leafhoppers Loopers Lygus Spp. Melonworm Pea Weevil Pea Leaf Weevil Pickleworm Plant Bug Rindworm Salt Marsh Caterpillar Sap Beetle Seedpod Weevil Squash Bugs Stink bug Spp. Tobacco Budworm Tarnished Plant Bug Thrips Two Spotted Spider Mite	Application 2.1 - 5.2 fluid ounces (0.033 - 0.08 pound active) per acre.	Apply in water as necessary for insect control using a minimum of 15 gallons of finished spray per acre with ground equipment. Thorough coverage is essential to achieve control.
Whitefly	<u> </u>	

SPINACH (40 day phi)

Do not make applications less than 10 days apart.

A maximum of 4 applications may be applied per season.

SENVACII (40	uay pni)				
Insects Controlled	Rate of Application	Method of Application			
Colorado Potato Beetle Tomato Pinworm Tomato Hornworm Armyworms Corn earworm Cucumber Beetles Cutworms European Corn Borer Flea Beetles Leafminers Loopers Pepper Weevil Thrips Whitefly Broad Mite Banks Grass Mite Twospotted Spider Mite Carmine Mite Pacific Spider Mite Lygus Spp. Fire Ants	2.1 to 6.4 ounces (0.033 to 0.10 pound active) per acre 5.12 to 6.4 ounces (0.08 to 0.10 pound active) per acre	For control of whiteflies apply foliar treatments of Capture® insecticide by ground or air at rates of up to 0.4 pt. (0.1 lb active) per acre at minimum 7-day intervals up to a maximum of 4 applications. Do not apply within 40 days of harvest. For control of fire ants apply Capture® insecticide to the soil (at planting) or as a foliar treatment by ground or air at rates of up to 0.4 pt. (0.1 lb active) per acre at minimum 7-day intervals up to a maximum of 4 applications. Do not apply within 40 days of harvest. Apply the specified dosage in 5-50 gallons of finished spray per acre by air or 10-50 gallons finished spray per finished spray per finished spray per finished spray per finished spray per acre by ground.			
Do not make applications	Do not make applications less than 7 days apart.				

Do not apply more than 0.4 pounds active ingredient per acre per season.

TREE NUTS

Including: almond, Beech nut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory nut, Macadamia nut (bush nut), Pecan, Pistachio

Insects Controlled	Rate of Application	Method of Application
Black Pecan Aphid CodlingMoth Filbert Worm Hickory Shuckworm Leaffooted Bugs, Navel Orangeworm Oblique Banded Leafroller Peach Twig Borer Pecan Leaf Casebearer Pecan Nut Casebearer Pecan Phylloxera Plant Bugs Stink Bugs Walnut Aphid Yellow Pecan Aphid	3.2 to 12.8 ounces (0.05 to 0.2 pound active) per acre	Apply by ground or air equipment using sufficient water to obtain full coverage of foliage. Apply as a dilute (minimum of 200 gallons of finished spray per acre) or concentrate (minimum of 50 gallons of finished spray per acre) by ground or apply the specified amount in a minimum of 10 gallons of finished spray per acre by air.
European Red Mite Pecan Weevil Spider Mite species	5.1 to 12.8 ounces (0.08 to 0.2 pound active) per acre	
Fire Ants Walnut Husk Fly	6.4 to 12.8 ounces (0.1 to 0.2 pound active) per acre	

Do not apply within 21 days of harvest for pecans and 7 days for all other registered tree nut crops

Do not apply more than 0.5 lb. active ingredient (1 quart) per acre per season.

Do not make applications less than 15 days apart.

Do not graze livestock in treated orchards or cut treated cover crops for feed.

Dealers Should 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 or 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 MPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. You'verranties, express or implied, having been made are inapplicable if this product has been used 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.

To the extent allowed by 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 CONCISTENT 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.

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