

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

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Richard Carver, PhD DuPont Crop Protection Stine-Haskell Research Center P.O. Box 30 Newark, DE 19714

SEP 3 0 2013

Dear Dr. Carver:

Subject:

Amendment to update crop group 11-10, pome fruit, and crop group 10-10, citrus fruit

Dupont Altacor Insect Control EPA Registration No. 352-730 Decision Number: 467519

Submission Date: May 31, 2012

The label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy of the label is enclosed for your records. Please submit two copies of your final printed labeling before you release the product for shipment. If you have any questions regarding these labels, please contact Dr. Jennifer Urbanski at 703-347-0156 or urbanski.jennifer@epa.gov.

Sincerely yours,

Venus Eagle

Product Manager (01)

Insecticide-Rodenticide Branch Registration Division (7505P)

Enclosure- Stamped Label



DuPont™ Altacor®

INSECT CONTROL WITH THE ACTIVE INGREDIENT RYNAXYPYR®

GROUP 28 INSECTICIDE

EPA Est. No.

[ACOR® is a water dispersible granule. ve Ingredient By Weight orantraniliprole Bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1H-pyrazole--carboxamide 35.0% er Ingredients 65.0% ΓAL 100.0%

1 Reg. No. 352-730

refillable Container

illable Container

du Pont de Nemours and Company 7 Market Street mington, DE 19898 ne: 1-800-441-7515 (Toll Free)

ACCEPTED.

SEP 3 0 2013 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under:

ot for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings, and Queens counties of New York State.

PRECAUTIONARY STATEMENTS KEEP OUT OF REACH OF CHILDREN

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

FIRST AID

questions regarding emergency medical treatment, you may contact 1-800-441-3637 for information.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

en used as directed this product does not present a hazard to humans or domestic animals.

PERSONAL PROTECTIVE EQUIPMENT

plicators and other handlers must wear:

Long-sleeved shirt and long pants.

Shoes plus socks.

er the product has been diluted in accordance with label directions for use, shirt, pants, socks, and shoes are sufficient sonal Protective Equipment. Follow manufacturer's instructions for cleaning/maintaining personal protective equipment E). If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from er laundry.

USER SAFETY RECOMMENDATIONS

SERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove othing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates, oysters, and shrimp. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to use sites.

Surface Water Advisory-

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of chlorantraniliprole from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours..

Ground Water Advisory-

This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

DIRECTIONS FOR USE

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

RESTRICTIONS

- This product is only for commercial use.
- Not for residential use.
- Not for use on ornamental plants or plants being grown for ornamental purposes.
- May be used on crops on this label grown for seed production.
- Do not use in greenhouses.
- Do not apply DuPontTM ALTACOR® through any irrigation system unless specified in the crop section of this label or in supplemental labeling.

New York State Only:

The following restrictions are required to permit use of AFTACOR® Insect Control in the State of New York

**This sproduct may not be applied within 100 feet of a water body (lake, pond; river, stream, wetland; or drainage ditch)

Aerial application of this product is prohibited.

Not-for-sale, sale into, distribution, and/or use in Nassau, Suffolk, Kings, and Queens counties of New York State

AGRICULTURAL USE REQUIREMENTS

ALTACOR® insect control must be used 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 the label about personal protective equipment, restricted-entry interval, and notification to workers (as applicable).

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 State or Tribal agency responsible for pesticide regulation.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

For early entry into 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, wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

ALTACOR® insect control must be used only in accordance with directions on this label or in separate DuPont supplemental labeling, as a result of new EPA approvals.

ALTACOR® insect control is a water dispersible granule that can be applied as a foliar spray, using ground or aerial application to control listed insects. ALTACOR® is mixed with water for application.

ALTACOR® is a member of the anthranilic diamide class of insecticides with a novel mode of action acting on insect ryanodine receptors. Although ALTACOR® has contact activity, it is most effective through ingestion of treated plant material. After exposure to ALTACOR®, affected insects will rapidly stop feeding, become paralyzed, and typically die within 1 - 3 days. Time applications to the most susceptible insect pest stage, typically at egg hatch and/or newly hatched larvae, before populations reach damaging levels. For best results, applications must be made at or before egg deposition.

INTEGRATED PEST MANAGEMENT

DuPont supports the use of Integrated Pest Management (IPM) programs to control pests. This product may be used as part of an IPM program, which can include biological, cultural, and genetic practices, aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, rotation of insecticides with different modes-of-action, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop or site systems in your area.

SCOUTING

Monitor insect populations to determine whether or not there is a need for application of DuPont™ ALTACOR® based on locally determined economic thresholds. More than one treatment of ALTACOR® may be required to control a population of pests.

RESISTANCE MANAGEMENT

For resistance management, ALTACOR® is a Group 28 Insecticide. Repeated and exclusive use of ALTACOR® (chlorantraniliprole, belonging to the anthranilic diamide class of chemistry), or other Group 28 Insecticide may lead to the buildup of resistant strains of insects in some crops.

Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, this product may be used as part of resistance management strategies established for the use area. These strategies may include incorporation of cultural and biological control practices, alternation of mode-of-action classes of insecticides on succeeding generations and targeting the most susceptible life stage. Consult your local or state agricultural authorities for details.

Unless directed otherwise in the specific crop/pest sections of this label, the best practices are to follow these instructions to delay the development of insecticide resistance:

- Apply ALTACOR® or other Group 28 insecticides using a "treatment window" approach to avoid exposure of successive insect pest generations to the same mode of action.
- A "treatment window" is defined as the period of residual activity provided by single or sequential applications of products with the same mode of action. This "treatment window" should not exceed approximately the length of one generation of the target pest.
- Within the "Group 28 treatment window", make no more than 3 applications of ALTACOR® or other Group 28 insecticides within a single generation of the target pest on a crop.
- Following a "Group 28 treatment window", rotate to a treatment window of effective products with a different mode of action. This "Non-Group 28 Window" should approximate the duration of one generation of the target pest.
- Target the most susceptible insect life stages, whenever possible.

If resistance to ALTACOR® develops in your area, ALTACOR® 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 alternate method of control for your area. For additional information on insect resistance monitoring, visit the Insecticide Resistance Action Committee (IRAC) on the web at http://www.irac-online.org.

APPLICATION

Apply at the specified rates when insect populations reach locally determined economic thresholds. Consult the cooperative extension service, professional consultants or other qualified authorities to determine appropriate threshold levels for treatment in your area.

Apply follow-up treatments of ALTACOR®, as specified, to keep pest populations within threshold limits. Refer to the Resistance Management section of this label for further guidance on follow-up treatments. See individual crop sections of this label for specific minimum spray interval.

Use sufficient water to obtain thorough, uniform coverage. Because ALTACOR® is most effective through ingestion of treated plant material, thorough spray coverage is essential for optimum control of targeted pest insects. Using increased water volumes will typically result in better spray coverage, especially under adverse conditions such as dry, hot weather or dense plant foliage. Apply ALTACOR® using ground or aerial application equipment. For ground application use the following directions unless otherwise specified in separate crop sections of this label: use a minimum of 30 gallons per acre (gpa) of water. ALTACOR® may be applied by overhead chemigation on certain crops; for overhead chemigation applications see, "APPLICATION BY CHEMIGATION" section of this label for guidance. For aerial application use the following directions unless otherwise specified in this label or in supplemental labeling: use a minimum of 10 gallons per acre (gpa) of water. For potato and cotton: for aerial application use a minimum of 5 gallons per acre (gpa) of water; for ground application use a minimum of 10 gallons per acre of water.

In some situations where coverage is difficult to achieve such as closed canopy, dense foliage, plants with waxy leaf surfaces, or less than optimum application equipment, an adjuvant may improve performance. Use only adjuvant products that are

labeled for agricultural use and follow the directions on the manufacturer's label. Always conduct a premix test for compatibility. Use a proven adjuvant that does not affect foliage and/or fruit finish. Refer to specific crop sections of this label for additional adjuvant guidance.

Use of adjuvants is restricted on cotton and prickly pear cactus - see those specific crop instructions in the following crop tables.

CROP ROTATION

Crops on this label and the following crops or crop groups may be planted immediately following harvest: Artichoke, globe; Asparagus; Brassica (Cole) Leafy Vegetables (Crop Group 5); Cereal Grains (Crop Group 15); Corn (field, pop, seed, and sweet); Cucurbit Vegetables (Crop Group 9); Forage, Fodder, and Straw of Cereal Grains (Crop Group 16); Fruiting Vegetables (Crop Group 8); Grass Forage, Fodder and Hay (Crop Group 17); Herbs subgroup (Crop Group subgroup 19A); Hops; Leafy Vegetables (non-brassica, Crop Group 4); Legume Vegetables (Crop Group 6); Foliage of Legume Vegetables (Crop Group 7); Spearmint, Peppermint, Nongrass Animal Feeds (Forage, Fodder, Straw, and Hay Crop Group 18); Okra; Bulb onion vegetables (Crop Subgroup 3-07A); Peanuts; Oilseeds (Crop Group 20); Rice; Root and Tuber Vegetables (Crop Group 1): Spice subgroup (Crop Group subgroup 19B); Strawberries: Sugarcane; Tobacco: and Tops of Root and Tuber Vegetables (Crop Group 2).

The following crops or crop groups may be planted 30 days following the last application of DuPont™ ALTACOR®: leek, green onion and Welsh onion.

All other crops cannot be planted until 12 months after the last application of ALTACOR®.

APPLICATION BY CHEMIGATION - CRANBERRY

Instructions for the Use of ALTACOR® in Overhead Sprinkler Chemigation Systems.

Types of Chemigation Systems: ALTACOR® may be applied only through overhead sprinkler irrigation systems. Overhead irrigation systems include the following; center pivot, end tow, hand move, lateral move, side roll, solid set and wheel line. The irrigation system used must provide uniform water distribution.

Directions for Chemigation:

Preparation

A pesticide tank is recommended for the application of ALTACOR® in chemigation systems. Thoroughly clean the injection system and tank of any fertilizer or chemical residues using a standard clean-out procedure. Dispose of any residues in accordance with State and Federal laws. With the mix tank ¼ to 1/2 full with water and the agitator running, measure the required amount of ALTACOR® and add it to the tank. Then add additional water to bring your total pesticide mixture up to the desired volume for your application.

Note: Always add the ALTACOR® to water, never put ALTACOR® into a dry tank or other mixing equipment without first adding water.

See "Tank Mixing Sequence" section of the container label for tank mixing sequence. Continue to agitate the mixture throughout the application process. Use mechanical or hydraulic agitation, do not use air agitation.

Injection Into Chemigation Systems

Inject the proper amount of ALTACOR® into the irrigation water flow using a positive displacement injection pump. Injection should occur at a point in the main irrigation water flow to ensure thorough mixing with the irrigation water. For continuously moving systems, inject the solution containing ALTACOR® into the irrigation water line continually and uniformly throughout the irrigation cycle. Apply in no more than 0.2 inches of water per acre. For overhead sprinkler systems that are stationary, add the solution containing ALTACOR® to the irrigation water line and apply no more than 0.2 inches of water per acre.

Uniform Water Distribution

The irrigation system used for application of ALTACOR® must provide for uniform distribution of ALTACOR® treated water. Non-uniform distribution can result in crop injury, lack of effectiveness or illegal pesticide residues in or on the crop being treated. Ensure the irrigation system is calibrated to uniformly distribute the chemigation application to the crop. Contact the equipment manufacturer, the local University Extension agent or other experts if you have questions about achieving uniform distribution of the application.

Equipment Calibration

Calibrate the irrigation system and injector before applying ALTACOR®. Calibrate the injection pump while the system is running using the expected irrigation rate. If you have questions about calibration, you should contact your state extension service specialists, equipment manufacturer or other experts.

Monitoring of Chemigation Applications

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of a responsible person, shall shut the system down and make necessary adjustments should the need arise. Wear the personal protective equipment as defined in the PPE section of the label for applicators and other handlers when making adjustments or repairs on the chemigation system when ALTACOR® is in the irrigation water.

Required System Safety Devices

Do not connect any irrigation system used for pesticide applications to a public water system unless the pesticide label prescribed safety devices are in place. Public water system means a system for the provision to the public of piped water for human consumption, if such a system has at least 15 service connections or regularly serves an average of at least 25 individuals at least 60 days out of the year.

- 1. 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.
- 2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 3. 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.
- 4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5. 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.
- 6. Systems must use a metering pump such as a positive displacement injection pump (e.g. diaphragm pump)

SPRAY PREPARATION

Spray equipment must be clean and free of previous pesticide deposits before applying DuPontTM ALTACOR®. Fill spray tank 1/4 to 1/2 full of water. Add ALTACOR® directly to spray tank. Mix thoroughly to fully disperse the insecticide; once dispersed continued agitation is required. Use mechanical or hydraulic means; do not use air agitation. Do not store spray mix solutions overnight in spray tank. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures.

Compatibility - Since formulations may be changed and new ones introduced, premix a small quantity of a desired tank mix and observe for possible adverse changes (settling out, flocculation, etc.). Avoid mixtures of several materials and very concentrated spray mixtures.

This product can be mixed with pesticide products labeled for use on crops on this label in accordance with the most restrictive of label limitations and precautions. Do not exceed labeled dosage rates. This product cannot be mixed with any product containing a label prohibition against such mixing.

Tank Mixing Sequence -Add different formulation types in the sequence indicated below*. Allow time for complete mixing and dispersion after addition of each product.

- 1. Water soluble bag.
- 2. ALTACOR® and other water dispersible granules.
- 3. Wettable powders.
- 4. Water based suspension concentrates
- 5. Water-soluble concentrates.
- 6. Oil based suspension concentrates.
- 7. Emulsifiable concentrates.
- 8. Adjuvants, surfactants, and oils
- 9. Soluble fertilizers.
- 10. Drift retardants.
- * Unless otherwise specified by manufacturer directions for use or by local experience.

SPRAY TANK CLEANOUT

Prior to application, start with clean, well maintained application equipment. Immediately following application, thoroughly clean all spray equipment to reduce the risk of forming hardened deposits which might become difficult to remove.

		DuPont™ ALTACOR® Rate Per Acre		Last Application	REI
Crops	Insects	Lb A.I.	Ounces Product	Days to Harvest	(Hours)
Banana/Plantain	Leafrollers Make no more than 3 application chlorantraniliprole containing in the minimum interval between Spray Volume: Thorough cover for the size of trees or plants an Do not apply dilute application acre. For best results apply 100	4			
Bushberry subgroup (Berry and small fruit crop group), Including:	Cherry fruitworm Cranberry fruitworm Omnivorous leafroller Raspberry crown borer	0.066 - 0.099	3.0 - 4.5	1	·
Aronia berry; blueberry, highbush; blueberry, lowbush; buffalo currant; Chilean guava; cranberry, highbush; currant, black; currant, red;	Make no more than 3 applicatic chlorantraniliprole containing p The minimum interval between water per acre. Do not apply les per acre. Spray Volume: Thorough cove Select a spray volume appropri	products per acre per y treatments is 7 days. ss than 30 gal water pe crage is essential to act	ear. Do not apply dilute apper acre. For best results: hieve best results.	lications of more than 200 gal apply 100 - 150 gal water	
elderberry; European barberry; gooseberry; honeysuckle, edible; huckleberry; jostaberry; Juneberry					
(Saskatoon berry); lingonberry; native currant; salal; sea buckthorn; cultivars, varieties, and/or hybrids of					
these Large shrub/tree	Omnivorous leafroller	0.066 - 0.099	3.0 - 4.5	1	
subgroup (Berry and small fruit crop group), Including: Bayberry; buffaloberry; che; chokecherry; elderberry; Juneberry (Saskatoon berry); mountain pepper berries; mulberry; phalsa; pincherry;	Raspberry crown borer Make no more than 3 application chlorantraniliprole containing property of the minimum interval between water per acre. Do not apply lesper acre. Spray Volume: Thorough cover Select a spray volume approprise.	products per acre per y treatments is 7 days. It is than 30 gal water per trage is essential to acl	ear. Do not apply dilute apply acre. For best results and the services best results.	lications of more than 200 gal apply 100 - 150 gal water	
riberry; salal; serviceberry; cultivars, varieties, and/or hybrids of these					'
Low growing berry subgroup except cranberry and strawberry	Cherry fruitworm Cranberry fruitworm Omnivorous leafroller Raspberry crown borer	0.066 - 0.099	3.0 - 4.5	1	· .
(Berry and small fruit crop group), Including: Bearberry; bilberry; blueberry, lowbush; cloudberry; lingonberry;	Make no more than 3 application chlorantraniliprole containing properties. The minimum interval between water per acre. Do not apply lest per acre. Spray Volume: Thorough covers Select a spray volume appropris	products per acre per y treatments is 7 days. ss than 30 gal water per grage is essential to acl	ear. Do not apply dilute apply acre. For best results an inverse best results.	lications of more than 200 gal apply 100 - 150 gal water	
muntries; partridgeberry; cultivars, varieties, and/or hybrids of these					
Cranberry	Blackheaded fireworm* Cherry fruitworm Cranberry fruitworm Green spanworm Omnivorous leafroller Raspberry crown borer Sparganothis fruitworm	0.066 – 0.099	3.0 – 4.5	1	
	Make no more than 3 applicatic Do not apply more than 9 oz Al per year. The minimum interval between Do not apply less than 20 gal wacre by aerial application. Spray Volume: Thorough cover the size of trees or plants and de * Blackheaded fireworm - use learn ALTACOR® may be applied to titled APPLICATION BY CHE	LTACOR® or 0.2 lb a treatments is 7 days. ater per acre by groun rage is essential to achensity of foliage. high application rate for cranberry by overher	d application. Do not ap ieve best results. Select or moderate to heavy infe ad chemigation. For spec	ply less than 5 gal water per a spray volume appropriate for estations.	

Crops			ALTACOR® er Acre	Last Application	REI	
	Insects	Lb A.I.	Ounces Product	Days to Harvest	(Hours)	
Caneberry subgroup Berry and small	Omnivorous leafroller Raspberry crown borer*	0.066 - 0.099	3.0 - 4.5	3	4	
fruit crop group), Including: Blackberry; loganberry: red and black raspberry cultivars and/or hybrids of these	Make no more than 3 applications per season. Do not apply more than 9 oz ALTACOR® or 0.2 lb a.i. of chlorantraniliprole containing products per acre per year. The minimum interval between treatments is 14 days. Spray Volume: Thorough coverage is essential to achieve best results. Select a spray volume appropriate for the size of trees or plants and density of foliage. Do not apply dilute applications of more than 200 gal water per acre. Do not apply less than 30 gal water per acre. For best results apply 100.—150 gal water per acre. *Raspberry crown borer - For control of Raspberry Crown Borer, apply ALTACOR® as a directed foliar application, using a spray volume of 50 to 100 gallons/acre, directed to base of canes. Apply in early fall right after egg hatch or in early spring when larvae first become active and start to feed on the crown of the plant. Time the application when rainfall (minimum of 1/2 inch) is forecast or when overhead irrigation (minimum of 1/2 inch water per acre) can be used to move ALTACOR® into the plant root zone in order to control raspberry crown borer.					
Small fruit vine climbing subgroup	Omnivorous leafroller Raspberry crown borer	0.066 - 0.099	3.0 - 4.5	1		
except fuzzy kiwifruit and grape, (Berry and small fruit crop group), Including: Amur river grape; gooseberry; kiwifruit, hardy; maypop; schisandra berry; cultivars, varieties, and/or hybrids of these	Make no more than 3 application chlorantraniliprole containing particles and the minimum interval between Spray Volume: Thorough cover Select a spray volume approprion onto apply dilute application acre. For best results apply 100	products per acre per y treatments is 7 days. crage is essential to acl ate for the size of trees s of more than 200 gal	ear. nieve best results. or plants and density of water per acre. Do not a	foliage.		
Cacao	Cacao pod borer 0.066 - 0.099 3.0 - 4.5 1 Make no more than 3 applications per season. Do not apply more than 9 oz ALTACOR® or 0.2 lb a.i. of chlorantraniliprole containing products per acre per year. The minimum interval between treatments is 7 days. Spray Volume: Thorough coverage is essential to achieve best results. Select a spray volume appropriate for the size of trees or plants and density of foliage. Do not apply dilute applications of more than 200 gal water per acre. Do not apply less than 30 gal water per acre. For best results apply 100 - 150 gal water per acre.					
Citrus, Including: Calamondin;	Citrus leafminer Citrus peelminer Omnivorous leafroller	0.066 - 0.099	3.0 - 4.5	1 .		
citrus citron; citrus hybrids (includes chironja, tangelo, tangor); grapefruit; kumquat; lemon; lime; mandarin (tangerine); orange, sour; orange, sweet; pummelo; Satsuma mandarin	Make no more than 3 applications per season. Do not apply more than 9 oz ALTACOR® or 0.2 lb a.i. of chlorantraniliprole containing products per acre per year. The minimum interval between treatments is 7 days. Spray Volume: Thorough coverage is essential to achieve best results. Select a spray volume appropriate for the size of trees or plants and density of foliage. Do not apply less than 30 gal water per acre. For best results apply 100-150 gal water per acre. Where higher spray volumes are used, apply a higher ALTACOR® rate in the specified rate range.					
Australian desert lime; Australian finger-	Citrus leafminer Citrus peelminer Omnivorous leafroller	0.066 - 0.099	3.0 - 4.5	1		
lime; Australian round lime; Brown River finger lime; Japanese summer Mediterranean mandarin; Mount white lime; New Guinea wild lime; Russell River	Make no more than 3 application chlorantraniliprole containing properties. The minimum interval between Spray Volume: Thorough cover for the size of trees or plants and Do not apply less than 30 gal with For best results apply 100-150. Where higher spray volumes are	products per acre per yetreatments is 7 days. rage is essential to ach d density of foliage. rater per acre.	ear.	a spray volume appropriate		
lime; Sweet lime; Tachibana orange; Tahiti lime; Trifoliate orange; Uniq fruit; cultivars, varieties, and/or hybrids of	·					
these Coffee	Coffee leafminer	0.066 - 0.099	3.0 - 4.5	.7		
	Make no more than 3 application chlorantraniliprole containing properties. The minimum interval between Spray Volume: Thorough cover for the size of trees or plants and Do not apply dilute application acre. For best results apply 100	products per acre per y treatments is 14 days grage is essential to acl d density of foliage.	nieve best results. Select			

	·	,	ALTACOR® Per Acre	Last Application	REI	
Crops	Insects	Lb A.I.	Ounces Product	Days to Harvest	(Hours)	
Figs	Navel orangeworm 0.066 - 0.099 3.0 - 4.5 1 Make no more than 3 applications per season. Do not apply more than 9 oz ALTACOR® or 0.2 lb a.i. of chlorantraniliprole containing products per acre per year. The minimum interval between treatments is 7 days. Spray Volume: Thorough coverage is essential to achieve best results. Select a spray volume appropriate for the size of trees or plants and density of foliage. Do not apply dilute applications of more than 200 gal water per acre. Do not apply less than 30 gal water per acre. For best results apply 100 - 150 gal water per acre.					
Grape	Grape berry moth Grape leaffolder Climbing cutworm European grapevine moth Japanese beetle (adult)* Omnivorous leafroller Western grapeleaf.	0.044 - 0.099 0.066 - 0.099	2.0 – 4.5 3.0 – 4.5			
	* Japanese beetle (adult) - use I Do not apply more than 9 oz A per year. Make no more than 4 application The minimum interval between Spray Volume: Thorough cove for the size of trees or plants and Do not apply less than 30 gal we For best results apply 100 -150 Where higher spray volumes at	LTACOR® or 0.2 lb a ons per season. I treatments is 7 days. rage is essential to ach id density of foliage. vater per acre. gal water per acre.	a.i. of chlorantraniliprole	containing products per acre a spray volume appropriate		
Olives	American plum borer European grapevine moth	0.066 - 0.099	3.0 - 4.5	1		
	Make no more than 3 application chlorantraniliprole containing properties. The minimum interval between Spray Volume: Thorough cover for the size of trees or plants and Do not apply dilute application acre. For best results apply 100	products per acre per y treatments is 7 days. crage is essential to act and density of foliage. s of more than 200 gal	ear. hieve best results. Select water per acre. Do not a	t a spray volume appropriate		
Persimmons	Leafrollers	0.066 - 0.099	3.0 - 4.5	1		
Pome Fruits,	Make no more than 3 application chlorantraniliprole containing The minimum interval between Spray Volume: Thorough cover for the size of trees or plants and Do not apply dilute application acre. For best results apply 100 East of the Rocky Mountains	products per acre per y treatments is 7 days. crage is essential to acl d density of foliage. s of more than 200 gal	ear. nieve best results. Select water per acre. Do not a	a spray volume appropriate		
Including: Apple;	Green fruitworm Spotted tentiform leafminer			(except Mayhaw	•	
Crabapple; Loquat; Mayhaw; Pear; Pear, oriental; Quince	Apple maggot* Codling moth** Eastern apple sawfly European corn borer Obliquebanded leafroller*** Oriental fruit moth Plum curculio* Redbanded leafroller Tufted apple bud moth Variegated leafroller White apple leafhopper*	0.055 - 0.099	2.5 - 4.5	which is 14)		
	West of the Rocky Mountains Green fruitworm Spotted tentiform leafminer	0.055 - 0.088	2.5 - 4.0			
	Apple maggot* Codling moth** Eastern apple sawfly European corn borer Obliquebanded leafroller*** Oriental fruit moth Pandemis leafroller Plum curculio* Redbanded leafroller Tufted apple bud moth Variegated leafroller White apple leafhopper*	0.066 - 0.099	3.0 - 4.5			
cont'd next page	Make no more than 4 application chlorantraniliprole containing p days. Spray Volume: Thorough cover for the size of trees and density Do not apply dilute applications water per acre. Do not apply less than 30 gal w	products per acre per your erage is essential to accommod foliage. s of more than 200 gal	ear. The minimum interv hieve best results. Select water per acre. For best	al between treatments is 10 a spray volume appropriate		

,			ALTACOR® Per Acre	Last Application	REI
Crops	Insects	Lb A.I.	Ounces Product	Days to Harvest	(Hours)
Pome Fruits cont'd	is applied early season for cont * Suppression only. ** Codling Moth Larvae Application Timing: For e provides 10 to 17 days of property of the Rock make repeat applications on history of significant codlin repeat applications on a 10 comprehensive managemen applications at high labeled When using ALTACOR® i retreatment schedule is cons Pears - West of the rocky infestations use the 3.0 oz r For high pressure infestation ALTACOR® at 4.0 to 4.5 c ***Obliquebanded Leafroller For overwintering larvae, ap ingestion of treated foliage,	® has demonstrated let, Aphytis spp., and Entito of pear psylla, Scrol of first generation of ach generation. The second of the second of ach generation of ach generation of ach generation of ach generation. The second of ach generation of ach generation of ach generation of a second of ach generation of ach genera	ow to no impact on the pecarsia spp. This low impact and Jose scale and wooly codling moth. Thirst application prior to a intensity of codling more day based spray ting the special	is are an important component redator <i>Deraeocoris brevis</i> and pact is very important apple aphid when ALTACOR® egg hatch. Each application the pressure and rate of fruit ning advisories to determine the pressure infestations and ions or for orchards with a 4.5 ounces per acre. Make ssure orchards, use a ed by properly timed larvacide the insecticides, make sure the product used. It days chedule. For low pressure codling moth damage, apply	4
Azarole:	take several days to achieve East of the Rocky Mountains		2.5 - 4.0	5	
Medlar;	Green fruitworm Spotted tentiform leafminer	0.033 - 0.008	2.5 - 4.0	,	
Tejocote; cultivars, varieties, and/or hybrids of these	Apple maggot* Eastern apple sawfly European corn borer Obliquebanded leafroller** Oriental fruit moth Plum curculio* Redbanded leafroller Tufted apple bud moth Variegated leafroller	0.055 - 0.099	2.5 - 4.5		
	White apple leafhopper* West of the Rocky Mountains Green fruitworm Spotted tentiform leafminer	0.055 - 0.088	2.5 - 4.0		
	Apple maggot* Eastern apple sawfly European corn borer Obliquebanded leafroller** Oriental fruit moth Pandemis leafroller Plum curculio* Redbanded leafroller Tufted apple bud moth Variegated leafroller White apple leafhopper*	0.066 - 0.099	3.0 - 4.5		
	is applied early season for cont * Suppression only. **Obliquebanded Leafroller For overwintering larvae, ar For summer generation appl	erage is essential to act of foliage. s of more than 200 gal rater per acre by groun eneficial insects such a has demonstrated lot, Aphytis spp., and Enntrol of pear psylla, Sarol of first generation of the property in the spring (pinkly just prior to or at the however, during perior for foliage is seen as the poly in the spring (pinkly just prior to or at the however, during perior to perior to or at the however, during perior for the spring (pinkly just prior to or at the however, during perior to or at the however, during perior to or at the however, during perior to or at the however.	hieve best results. Select water per acre. For best d. is predators or parasitoid to no impact on the processia spp. This low impact of the proces	a spray volume appropriate t results apply 100 – 150 gal s are an important component redator <i>Deraeocoris brevis</i> and fact is very important apple aphid when ALTACOR®	

٠.			ALTACOR® Per Acre	Last Application	REI
Crops	Insects	Lb A.I.	Ounces Product	Days to Harvest	(Hours)
Pomegranates	Navel orangeworm Omnivorous leafroller	0.066 - 0.099	3.0 - 4.5	1	
	Make no more than 3 applicatic chlorantraniliprole containing. The minimum interval betweet Spray Volume: Thorough cov. for the size of trees or plants at Do not apply dilute application acre. For best results apply 10	products per acre per y n treatments is 7 days. erage is essential to ac nd density of foliage. ns of more than 200 ga	ear. hieve best results. Select water per acre. Do not a		
Prickly Pear Cactus	Prickly pear moth	0.066 - 0.099	3.0 - 4.5	1	
	Make no more than 3 application chlorantraniliprole containing	products per acre per c			
Stone Fruits, Including: Apricot; Cherry, sweet; Cherry, tart; Nectarine; Peach; Plum;	Cherry fruit fly* Codling moth Katydid (nymphs) Obliquebanded leafroller Omnivorous leaf roller Oriental fruit moth Peach twig borer** Tufted apple bud moth	0.066 - 0.099	3.0 - 4.5	10	
Plum, Chickasaw; Plum, Damson; Plum, Japanese; Plumcot;	Make no more than 3 application chlorantraniliprole containing days. A lower application rate spray program.	products per acre per v	ear. The minimum inter	val between treatments is 7	
Prune (fresh)	Do not apply dilute application water per acre. Do not apply less than 30 gal w * Suppression only. ** Peach twig borer - ALTA(through delayed dormant at	vater per acre by groun COR® may be used the pplications: Use higher ons may be made with acturer's label. For bes of the summer generation	d. roughout the growing se rates for dormant applic an EPA registered dorm to performance, apply usion: Make applications at	ason, however for dormant cation and lower rates for lant oil; for specific directions ang ground equipment.	
Tea	Leafrollers	0.066 - 0.099	3.0 - 4.5	3	
(HI & SC only)	Make no more than 3 application chlorantraniliprole containing In The minimum interval between Spray Volume: Thorough cove for the size of trees or plants at Do not apply dilute application acre. For best results apply 100	products per acre per y n treatments is 14 days trage is essential to ach nd density of foliage. Is of more than 200 gal	ear. ieve best results. Select water per acre. Do not a		
Tree Nuts, Including:	Hickory shuckworm Pecan nut casebearer	0.044 – 0.099	2.0 – 4.5	. 10	
Almond; Beech nut; Brazil nut; Butternut; Cashew;	Codling moth Navel orange worm Oblique banded leafroller Oriental fruit moth Peach twig borer	0.066 – 0.099	3.0 – 4.5		
Chestnut; Chinquapin; Filbert (hazelnut); Hickory nut; Macadamia (bush) nut; Pecan; Pistachio; Walnut, black and English (Persian)	Make no more than 4 application Do not apply more than 9 oz A per year. Spray Volume: Thorough cove for the size of trees or plants ar Do not apply less than 30 gal w For best results apply 100 -150 Where higher spray volumes at The minimum interval betweer Codling moth - (Walnut) Mak Depending on level of infestatia application equipment to achie Navel orange worm (Hullsplit second application approximate higher rates in the labeled rate Peach twig borer - ALTACO applications: ALTACOR® marecommendations on use of oil regarding the use of oils in tree thorough uniform coverage of early to mid-dormant timing. Peach twig borer - For spring (just prior to bud break) to earl applications at peak moth fligh range may be needed for high in the content of the content	arage is essential to ach ad density of foliage. water per acre. I gal water polication at on reapply 14-21 days we thorough coverage tapplication timing) — ely 10 — 14 days later. I gal	ALTACOR® rate in the or before peak egg lay f later as needed. Use hig Make an application at 1 Depending on level of p plications may be needed in EPA registered dormat i	a spray volume appropriate e specified rate range. or targeted generation. her rates and ground 15% hull-split timing; make a est infestation, use of 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	

, —,	DuPont™ ALTACOR® Rate Per Acre		Last Application	REI	
Crops	Insects	Lb A.I.	Ounces Product	Days to Harvest	(Hours)
Tropical fruits:	Leafrollers Leafminers	0.066 - 0.099	3.0 - 4.5	1*	4
atemoya; avocado; biriba; black sapote; canistel; cherimoya; custard apple; ilama; feijoa; guava; jaboticaba;	Make no more than 3 application chlorantraniliprole containing property of the size of trees or plants and The minimum interval between water per acre. *Except acerola, jaboticaba, lycipaboticaba, lychee, papaya and jaboticaba, lychee, lych	roducts per acre per ye rage is essential to ach d density of foliage. treatments is 10 days. is than 30 gal water per thee, papaya and passion	iar. ieve best results. Selec Do not apply dilute ap r acre. For best results a onfruit; Last application	t a spray volume appropriate plications of more than 200 gal apply 100 - 150 gal water	
longan; lychee; mamey sapote; mango; papaya; passionfruit; pineapple; pulasan; rambutan; sapodilla; soursop; Spanish lime;		·			
star apple; starfruit; sugar apple; wax jambu; White sapote (Casimiroa), and other cultivars and/or hybrids of these.					
Cotton	Beet armyworm Cotton bollworm** Fall armyworm Saltmarsh caterpillar Southern armyworm Tobacco budworm**	0.044 - 0.088	2.0 – 4.0	21	
•	Cabbage looper Soybean looper*	0.066 - 0.099	3.0 – 4.5		
	Do not use an adjuvant with app Make no more than 4 applicatio Do not apply more than 9 oz Al per year. The minimum interval between * Suppression only. ** For Heliothine control (cott 0.066 - 0.088 lb. ai per acre 0.088 lb ai per acre (2.0 - 4.4)	ns per acre per year. LTACOR® or 0.2 lb a. treatments is 5 days. on bollworm and/or to (3.0 - 4.0 oz product).	i. of chlorantraniliprole bacco budworm) make Subsequent application	the first application at rates of	
Potato	Beet and Yellowstriped Armyworms Cabbage looper Colorado potato beetle European corn borer Potato tuberworm	0.044 – 0.066	2.0 – 3.0	14	
	Do not apply more than 9 oz Al per year. The minimum interval between Make no more than 4 applicatio Colorado potato beetle resistant of Colorado potato beetle or with potato beetle must be with an el more than once to Colorado pot Potato tuberworm: ALTACOR Begin application when field so tuberworm often have overlapp on field scouting: Avoid treating protect the crop just prior to har potato tuberworm pressure is hit				
cont'd next page	senescence or vine kill increase provide adequate control of lark chemigation or integrate chemigstrays, add Methylated Seed Oi chemigation applications, apply ALTACOR® may be applied to Instructions for the Use of AL Types of Chemigation Systems: irrigation systems. Overhead irrilateral move, side roll, solid set distribution.	rae in the mid to lower pation applications into I(MSO) adjuvant at 1 in 0.1 to 0.2 acre inche potatoes via overhead TACOR® in Overhead ALTACOR® may be igation systems includ	crop canopy. For best r the foliar spray progra gallon per 100 gallons on es of water and add MS sprinkler chemigation ad Sprinkler Chemiga applied only through on the following; center programs.	esults, apply via overhead m. For best results with foliar of spray volume (1% v/v). For O at 12 to 16 fl oz/acre. systems. tion Systems. verhead sprinkler pivot, end tow, hand move,	

		DuPont™ ALTACOR® Rate Per Acre		Last Application	REI	
Crops	Insects	Lb A.I.	Ounces Product	Days to Harvest	(Hours)	
Potato Cont'd	Directions for Chemigation: Preparation A pesticide tank is recommended. Thoroughly clean the injection clean-out procedure. Dispose of tank 1/4 to 1/2 full with water a and add it to the tank. Then add volume for your application. Note into a dry tank or other mixing section of the container label for application process. Use mechanisms of the container label for application process. Use mechanisms with the irrigation should mixing with the irrigation should mixing with the irrigation should add the solution containing AL of water per acre. Uniform Water Distribution The irrigation system used for a ALTACOR® treated water. No or illegal pesticide residues in ouniformly distribute the chemig local University Extension ager distribution of the application. Equipment Calibration Calibrate the irrigation.system a while the system is running using you should contact your state ey Monitoring of Chemigation Ap A person knowledgeable of the supervision of a responsible per the need arise. Wear the person applicators and other handlers we ALTACOR® is in the irrigation spesticide label-prescribed safety provision to the public of piped connections or regularly serves. 1. The system must contain a fur appropriately located on the irrigation prevent the flow of fluid back to 3. The pesticide injection pipeli prevent the flow of fluid back to 3. The pesticide injection pipeli prevent the flow of fluid back to 3. The pesticide injection pipeli prevent the flow of fluid back to 3. The pesticide injection pipeli prevent the flow of fluid back to 3. The pesticide injection pipeli prevent the flow of fluid back to 3. The pesticide injection pipeli prevent the flow of fluid back to 3. The pesticide injection pipeli prevent the flow of fluid back to 3. The pesticide injection pipeli prevent the flow of fluid back to 3. The pesticide injection pipeli prevent the flow of fluid back to 3. The pesticide injection pipeli prevent the flow of fluid back to 3. The pesticide injection pipeli prevent the flow of fluid back to 3. The	ed for the application system and tank of ar any residues in accond the agitator runnin additional water to bote. Always add the Aequipment without fir tank mixing sequencical or hydraulic agistems TACOR® into the irreducer of	of ALTACOR® in chemical reduced with State and Feeg, measure the required a ring your total pesticide of LTACOR® to water, no standing water. See "Tace. Continue to agitate thation, do not use air agit igation water flow using ne main irrigation water flow using he main irrigation water flow using systems, inject the yand uniformly througher or overhead sprinkler system over the system of the irrigation water line and apply and the system of the irrigation water line and applying ALTACOR®. Calcium the crop. Contact the equipou have questions about plying ALTACOR®. Calcium rate. If you have que alists, equipment manufa and responsible for its opposite modown and make necent as defined in the PPE sents or repairs on the chede applications to a public public water system mes sumption, if such a system 25 individuals at least 60 vacuum relief valve and vent water source contant critonal, automatic, quick imp. a functional, normally close and connected to the system the irrigation system is	Days to Harvest ligation systems. esidues using a standard deral laws. With the mix amount of ALTACOR® mixture up to the desired ver put ALTACOR® not Mixing Sequence" e mixture throughout the ation. a positive displacement flow to ensure thorough solution containing out the irrigation cycle. Stems that are stationary, y no more than 0.2 inches on system is calibrated to coment manufacturer, the achieving uniform distribution of the label for migation, or under the essary adjustments should section of the label for migation system when the water system unless the label for the manufacturer or other experts. The water system unless the label for the label for migation system when the water system of the label for migation system when the label for migation for the label for migation system when the water system unless the label for migation for the label for migation for the label for migation for the label for migation system when the water system unless the label for label for migation for the label for migation for the label for migation system when the water system unless the label for label for migation system when the water system unless the label for label for migation system when the water system unless the label for label for migation system when the water system unless the label for label for migation is a system for the label for migation is a sy		
	S. The irrigation line or water p water pump motor when the wa adversely affected. 6. Systems must use a metering pump) effectively designed and capable of being fitted with a sy. 7. Chemigation systems connect cone, backflow preventer (RPZ point of pesticide introduction be discharged into a reservoir to break (air gap) between the outly of at least twice the inside diam Operation Start the water pump and sprink starting the injector. Start the above. This procedure is necess application is finished, allow the before stopping the system. • End guns must be turned off diprovide uniform application and 1t is recommended that nozzle and system safety devices be pl • Do not apply when wind speed bo not apply when system condistribution. • Do not allow irrigation water to Cleaning the System Thoroughly clean the injection clean-out procedure. Dispose of owner's manual or your local end	ump must include a fiter pressure decreases pump such as a posit constructed of mater stem interlock, ted to public water sy) or the functional equ As an option to the R ink prior to pesticide i tet end of the fill pipe eter of the fill pipe, there and let the system getter and calibrate the ary to defiver the desi e entire irrigation and uring the application, a coverage, is in the immediate are ugged to prevent cont of favors drift eyond mections or fittings le to collect or run-off desistem and tank of an any residues in accor-	s to the point where pesticive displacement injection hals that are compatible was terms must contain a functivalent in the water suppez, the water from the puintroduction. There shall and the top or overflow in achieve the desired prese injection system according rate per acre in a unit injector system to be thought the properties of wells, control panels amination of these areas, the area intended for treatack or when nozzles do not uring chemigation.	n pump (e.g. diaphragm rith pesticides and ctional, reduced-pressure ly line upstream from the ablic water system should be a complete physical rim of the reservoir tank source and speed before ding to the directions form manner. When the roughly flushed clean areas or if they do not as, chemical supply tanks timent.		

SPRAY DRIFT MANAGEMENT

The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

IMPORTANCE OF DROPLET SIZE

The most effective way to reduce drift potential is to apply large droplets (>150 microns). The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. The presence of sensitive species nearby, the environmental conditions, and pest pressure may affect how an applicator balances drift control and coverage.

APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL, BUT WILL NOT PREVENT DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVORABLE ENVIRONMENTAL CONDITIONS!

See Wind, Temperature and Humidity, and Surface Temperature Inversions sections of this label.

Controlling Droplet Size - General Techniques

Volume -Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.

Pressure -Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHERCAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.

Nozzle Type -Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles.

Controlling Droplet Size - Aircraft

Number of Nozzles -Use the minimum number of nozzles with the highest flow rate that provide uniform coverage.

Nozzle Orientation -Orienting nozzles so that the spray is emitted backwards, parallel to the air stream will produce larger droplets than other orientations.

Nozzle Type -Solid stream nozzles (such as disc and core with swirl plate removed) oriented straight back produce larger droplets than other nozzle types.

Do not apply as a ULV application.

BOOM LENGTH AND HEIGHT

Boom Length (aircraft) -The boom length must not exceed 3/4 of the wing length; using shorter booms decreases drift potential. For helicopters use a boom length and position that prevents droplets from entering the rotor vortices.

Boom Height (aircraft) -Application more than 10 ft above the canopy increases the potential for spray drift.

Boom Height (ground) - Setting the boom at the lowest height, which provides uniform coverage, reduces the exposure of droplets to evaporation and wind. The boom should remain level with the crop and have minimal bounce.

WIND

Drift potential increases at wind speeds of less than 3 mph (due to variable direction and inversion potential) or more than 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. DO NOT APPLY DURING GUSTY OR WINDLESS CONDITIONS.

Note: Local terrain can influence wind patterns. Every applicator must be familiar with local wind patterns and how they affect spray drift.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, set up equipment to produce larger droplets to reduce effects of evaporation.

SURFACE TEMPERATURE INVERSIONS

Drift potential is high during a surface temperature inversion. Surface inversions restrict vertical air mixing, which causes small-suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Surface inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates a surface inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product.

TREE AND VINE SPRAYERS

Air assisted tree and vine sprayers carry droplets into the canopy of trees and vines via a radially or laterally directed air stream.

In addition to the general drift management principles already described, the following specific practices will further reduce the potential for drift:

- Adjust deflectors and aiming devices so that spray is only directed into the canopy.
- Block off upward pointed nozzles when there is no overhanging canopy.
- Use only enough air volume to penetrate the canopy and provide good coverage.
- Movement of spray that goes beyond the edge of the cultivated area may be minimized by practices such as spraying the outside row only from outside the planting.

Drain spray equipment. Thoroughly rinse sprayer and flush hoses, boom and nozzles with clean water.

Clean all other associated application equipment. Take all necessary safety precautions when cleaning equipment. Do not clean near wells, water sources or desirable vegetation. Dispose of waste rinse water in accordance with local regulations.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not subject to temperatures below 32 degrees F. Store product in original container only in a location inaccessible to children and pets. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Not for use or storage in or around the home.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility

CONTAINER HANDLING: Refer to the Net Contents section of this product's labeling for the applicable "Refillable Container" or "Nonrefillable Container" designation.

For Small (Capacity Equal to or Less Than 50 Pounds) Nonrefillable Plastic Containers: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour 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 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.

For Large (Capacity Greater Than 50 Pounds) Nonrefillable Plastic Containers: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. 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. Turn the container over onto its other 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. Then offer for recycling if available or 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.

Nonrefillable Paper or Plastic Bags, Fiber Sacks including Flexible Intermediate Bulk Containers (FIBC) or Fiber Drums With Liners: Nonrefillable container. Do not reuse or refill this container. Completely empty paper or plastic bag, fiber sack or drum liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer for recycling if available or dispose of empty paper or plastic bag, fiber sack or fiber drum and liner in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

Refillable Fiber Drums With Liners: Refillable container (fiber drum only). Refilling Fiber Drum: Refill this fiber drum with DuPontTM ALTACOR® Insect Control containing Chlorantraniliprole only. Do not reuse this fiber drum for any other purpose. Cleaning before refilling is the responsibility of the refiller. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment.

Disposing of Fiber Drum and/or Liner: Do not reuse this fiber drum for any other purpose other than refilling (see preceding). Cleaning the container (liner and/or fiber drum) before final disposal is the responsibility of the person disposing of the container. Offer the liner for recycling if available or dispose of liner in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner. To clean the fiber drum before final disposal, completely empty the fiber drum by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer the fiber drum for recycling if available or dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

For All Refillable Containers: Refillable container. Refill this container with chlorantraniliprole 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 from this container into application equipment or mix tank. Fill the container about 10 percent 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. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn out threads and closure devices. Check for leaks after refilling and before transporting. Do not transport if this container is damaged or leaking. If the container is damaged, leaking or obsolete, or in the event of a major spill, fire or other emergency, contact DuPont at 1-800-441-3637, day or night.

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LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read this 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.

DuPont will not be responsible for losses or damages resulting from use of this product in any manner not specifically published by DuPont and stated on this label or other labels or recommendations which conform with Section 2(ee) of the Federal Insecticide, Fungicide and Rodenticide Act. User assumes all risks associated with such non-specified use.

It is impossible to eliminate all risks associated with the use of this product. Such risks arise from weather conditions, soil factors, off target movement, unconventional farming techniques, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of DuPont. These risks can cause: ineffectiveness of the product, crop injury, or injury to non-target crops or plants. WHEN YOU BUY OR USE THIS PRODUCT, YOU AGREE TO ACCEPT THESE RISKS.

DuPont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, DUPONT MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL DUPONT OR SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. BUYER'S OR USER'S BARGAINED-FOR EXPECTATION IS CROP PROTECTION. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER AND THE EXCLUSIVE LIABILITY OF DUPONT OR SELLER, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, TORT OR STRICT LIABILITY), WHETHER FROM FAILURE TO PERFORM OR INJURY TO CROPS OR OTHER PLANTS, AND 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 DUPONT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

To the extent consistent with applicable law that allows such requirement, DuPont or its Ag Retailer must have prompt notice of any claim so that an immediate inspection of buyer's or user's growing crops can be made. Buyer and all users shall promptly notify DuPont or a DuPont Ag Retailer of any claims, whether based on contract, negligence, strict liability, other tort or otherwise, or be barred from any remedy.

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