



FOR AGRICULTURAL AND TURF AND ORNAMENTAL USE

RESTRICTED USE PESTICIDE DUE TO TOXICITY TO FISH AND AQUATIC ORGANISMS FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS, OR PERSONS UNDER THEIR DIRECT SUPERVISION, AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

ACTIVE INGREDIENT:

Lambda-cyhalothrin			
$[1 (S^*),3 (Z)]-(\pm)$ -cyano-(3-phenoxyphenyl)m	ethyl-3-(2-chloro-3,3,3-	-trifluoro-1-propenyl)-2,2-	
dimethylcyclopropanecarboxylate			13.00%
OTHER INGREDIENTS:			87.00%
	Total		100.00%
Contains 1 lb. of active ingredient per gellen			

Contains 1 lb. of active ingredient per gallon. Contains petroleum distillates.

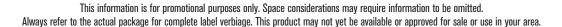
GROUP	3	INSECTICIDE
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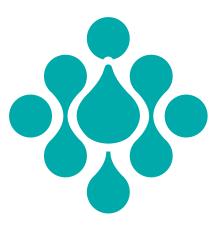
KEEP OUT OF REACH OF CHILDREN WARNING/AVISO

If you do not understand the label, find someone to explain it to you in detail.

(Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.)









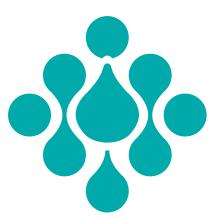
FIRST AID				
IF SWALLOWED	 Call a Poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. 			
IF IN EYES	 Hold eye 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. 			
IF INHALED:	 Move person to fresh air. If person is not breathing, call 911 or an ambulance, give artificial respiration immediately, preferably by mouth-to-mouth. Call a poison control center or doctor for treatment advice. 			

Note to Physician: Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web site: www.npic. orst.edu). Outside of these times call your poison control center at 1-800-222-1222.







INSECTICIDE

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 contact with skin, eyes or clothing. Avoid breathing spray mist. Wash hands thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment (PPE)

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

Applicators and Other Handlers Must Wear:

- · Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as Barrier Laminate or Viton >14 mils
- · Shoes plus socks
- · Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT

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

User Safety Recommendations

Users should:

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

ENVIRONMENTAL HAZARDS

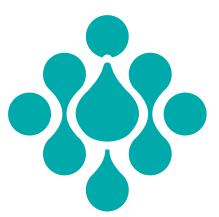
This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This 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 or weeds if bees are visiting the treatment area.

PHYSICAL AND CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame. Do not use this product in or on electrical equipment due to the possibility of shock hazard.







INSECTICIDE

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.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

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 24 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:

- Long-sleeved shirt and long pants
- · Shoes plus socks
- Chemical resistant gloves made of any waterproof material such as Barrier Laminate or Viton ≥ 14 mils

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep adults, children, and pets off treated areas until spray has dried following the application.

SPRAY DRIFT PRECAUTIONS

BUFFER ZONES

Vegetative Buffer Strip

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

Only apply products containing lambda-cyhalothrin onto fields where a maintained vegetative buffer strip of at least 10 feet exists between the field and down gradient aquatic habitat.

For guidance, refer to the following publication for information on constructing and maintaining effective buffers:

Conservation Buffers to Reduce Pesticide Losses. Natural Resources Conservation Services. USDA, NRCS. 2000. Fort Worth, Texas. 21 pp.

www.in.nrcs.usda.gov/technical/agronomy/newconbuf.pdf

Buffer Zone for Ground Application (groundboom, overhead chemigation, or airblast)

Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries, and commercial fish ponds).







INSECTICIDE

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, ponds, estuaries, and commercial fish ponds).

Buffer Zone for Non-ULV Aerial Application

Do not apply within 150 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries, and commercial fish ponds).

SPRAY DRIFT 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 so 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 downward edge of the application area by adjusting the path of the aircraft upwind.

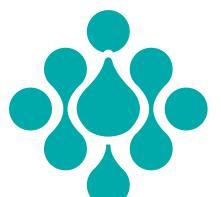
In the State of New York, a 25 ft. vegetated, non-cropped buffer strip untraversed by drainage tiles must be maintained between a treated field and a coastal salt marsh or stream that drains into a coastal salt marsh for both aerial and ground application. For aerial applications, the 25 ft. vegetated non-cropped buffer strip for runoff protection would be part of the larger 150 ft. buffer strip (or 450 ft. buffer strip for ULV application) required for spray drift.

CHEMIGATION

Sprinkler Irrigation Application

Apply Lambda Select using rates and timing described on this label. Consultation with your local State Extension Service or other local experts may be useful for recommendations on which adjuvants or diluent types to use (see Tank Mix Applications section) as well as for rates and mixing instructions. Ascertain that the recommendations have been proven, through university and extension field trials, to be effective with this product applied by chemigation.







INSECTICIDE

Be sure the irrigation system is providing uniform application of water to all areas because good control requires thorough coverage of foliage. Maintain continuous agitation in the pesticide supply tank before and during the entire application period.

Inject the recommended rate of **Lambda Select** into the irrigation system by means of a metering device that will provide a constant flow and distribute the product to the desired area in 0.1-0.2 inch of water. It is recommended that the minimum amount of water be used that will provide proper distribution and coverage. Inject the product into the main irrigation line ahead of a right angle turn in the line to insure adequate dispersion or mixing in the irrigation water. Following application, flush the entire irrigation and injection system with clean water before stopping it.

If application is being made during a normal irrigation set of a stationary sprinkler, inject the recommended rate of **Lambda Select** for the area covered into the system only during the end of the irrigation set for a sufficient time to provide adequate coverage and product distribution.

It is not recommended that Lambda Select be applied through an irrigation system connected to a public water system. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

USE PRECAUTIONS: SPRINKLER IRRIGATION APPLICATION

- A. 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 system(s). Do not apply this product through any other type of irrigation system.
- B. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
- C. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- D. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- E. 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.
- F. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-resource contamination from backflow.
- G. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid toward the injection pump.
- H. 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.
- I. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- J. 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.
- K. 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.
- L. Do not apply when wind speed favors drift beyond the area intended for treatment.
- M. Do not apply through chemigation systems connected to public water systems.

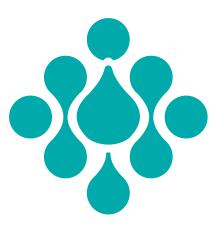
USE INSTRUCTIONS

Thorough crop coverage is necessary for both initial and residual control. Apply by ground in at least 10 gal/A or by air in at least 2 gal/A using sufficient water to obtain full coverage of foliage unless this label specifies otherwise. In situations where foliage is dense or pest pressure is high (heavier insect or egg pressure, larger larval stages), control can be improved by use of higher application volumes and/or higher use rates.

For cutworm control, Lambda Select may be applied before, during, or after planting. When making soil incorporated applications, use higher rates for better control.









Resistance Management

Lambda Select is a Group 3 Insecticide (contains the active ingredient lambda-cyhalothrin). 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.

Tank Mix Applications

Lambda Select may be tank mixed with other currently registered pesticides unless expressly prohibited by the product label. Adjuvants such as spreader stickers, wetting agents, and penetrants may also be added. Use a small volume mixing test with the other products to confirm compatibility. If other chemicals are added to the applicator tank, Lambda Select should be added last. Fill tank to desired volume and continue to agitate while making applications. If mixed with EC formulations, use within 24 hours. Observe all restrictions and precautions found on labels of products in the tank mix.

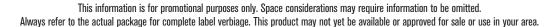
CROP USES AND SPRAY RECOMMENDATIONS

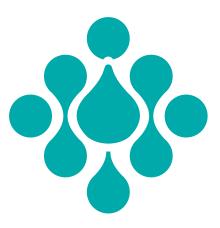
ALFALFA, ALFALFA GROWN FOR SEED

Pests	Rate Lambda Select per Acre	Remarks
Alfalfa Caterpillar Army Cutworm Cutworm spp. Green Cloverworm Leafhopper spp. Looper spp. Threecornered Alfalfa Hopper Velvetbean Caterpillar Webworm spp.	0.015-0.025 lb. a.i. (1.92-3.20 fl. oz.)	See additional instructions below. 1 Use higher rates for large larvae 2 Suppression only. 3 See resistance statement under General Directions for Use. 4 Does not include Western Flower Thrips. Do not apply more than 0.03 lb. a.i. (0.24 pt. or 3.84 fl. oz of product)/A per cutting. Do not apply more than 0.12 lb. a.i. (0.96 pt. or 15.36 fl. oz. of product)/A per season. Do not apply within 1 day of harvest for forage or within 7 days of harvest for hay.

(continued)









ALFALFA, ALFALFA GROWN FOR SEED (continued)

Pests	Rate Lambda Select per Acre	Remarks
Alfalfa Seed Chalcid (Adult) Alfalfa Weevil Armyworm Bean Leaf Beetle (Adult) Blister Beetle spp. Blue Alfalfa Aphid Clover Leaf Weevil spp. Clover Root Borer (Adult) Clover Root Curculio spp. (Adult) Clover Stem Borer (Adult) Corn Earworm Cowpea Aphid Cowpea Curculio (Adult) Coucumber Beetle spp. (Adult) Cucumber Beetle spp. (Adult) Egyptian Alfalfa Weevil Fall Armyworm¹ Grape Colaspis (Adult) Green Peach Aphid¹ Japanese Beetle (Adult) Green Peach Aphid¹ Japanese Beetle (Adult) Meadow Spittlebug Mexican Bean Beetle Pea Aphid Pea Weevil (Adult) Plant Bug spp. including Lygus spp.³ Spotted Alfalfa Aphid Stink Bug spp. Sweet Clover Weevil (Adult) Thrips spp.¹ Western Yellowstriped Armyworm Whitefringed Beetle spp. (Adult) Plant Bug spp. including Lygus spp.³ Yellow Striped Armyworm	0.02-0.03 lb. a.i. (2.56-3.84 fl. oz.)	See additional instructions below. 1 Use higher rates for large larvae 2 Suppression only. 3 See resistance statement under General Directions for Use. 4 Does not include Western Flower Thrips. Do not apply more than 0.03 lb. a.i. (0.24 pt. or 3.84 fl. oz of product)/A per cutting. Do not apply more than 0.12 lb. a.i. (0.96 pt. or 15.36 fl. oz. of product)/A per season. Do not apply within 1 day of harvest for forage or within 7 days of harvest for hay.
Beet Armyworm ^{1,3} Blotch Leafminer ³ Spider Mites ²	0.03 lb. a.i. (3.84 fl. oz.)	

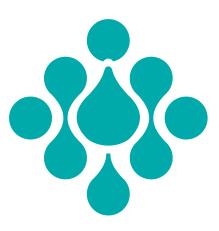
Use scouting to determine need for applications. Base the timing and frequency of applications on the timing when insect populations reach local economic thresholds.

Apply by ground or air using enough water to obtain full coverage of foliage. Apply in at least 2 gal./A by air or 10 gal/A by ground. In situations of dense foliage and/or high pest populations, use 5-10 gal/A by air or 20 gal./A by ground and higher use rates. Also use higher rates for improved residual control.

Avoid application when bees are actively foraging by applying during the early morning or during the evening hours. Be aware of bee hazard resulting from a cool evening and/or morning dew. It may be advisable to remove bee shelters during and for 2-3 days following application. Avoid direct application to bee shelters.









CANOLA

Pests	Rate Lambda Select per Acre	Remarks
Armyworm spp. Cabbage Seedpod Weevil Cutworm spp. Diamondback Moth Flea Beetle Grasshoppers Looper spp. Lygus Bug	0.015-0.03 lb. a.i. (1.92-3.84 fl. oz.)	See additional instructions below. Do not apply within 7 days of harvest. Do not apply more than 0.09 lb. a.i. (0.72 pt. or 11.52 fl. oz. of product)/A per year.
Cabbage Aphid	0.03 lb. a.i. (3.84 fl. oz.)	

Use scouting to determine need for applications, usually at intervals of 5 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

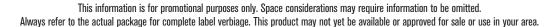
Apply by air or ground with enough water to obtain full coverage of foliage.

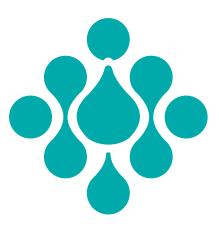
For air applications, apply a minimum of 2 gal. of water /A.

CEREAL GRAINS - CORN (AT PLANT): FIELD CORN, POPCORN, SEED CORN, SWEET CORN

Pests		Rate Lambda Select per 1,000 ft of Row ²		Remarks			
		Do not harvest or graze livestock or cut treated crops for feed within 21 days of at plant application.					
Southern, Mexica Cutworm spp.	,			Do not apply more than crop at plant.	0.09 lb. a.i. (0.72 pt	. or 11.52 fl. oz. of p	product)/A per
Lesser Cornstalk E Red Imported Fire Seedcorn Beetle				For field corn, popcorn, pts. or 15.36 fl. oz of pro			
Seedcorn Maggot Wireworm spp. ¹				For sweet corn, do not apply more than 0.48 lb. a.i. (3.84 pts. or 61.44 fl. oz of product)/A per crop from at plant and foliar applications.			
White Grub spp.				For Banded Applications – Make application at planting as a 5-7 inch T sprayed across the open seed furrow between the furrow openers and wheels or as a band application behind the press wheel.			
				For In-Furrow Applications – Make application into the seed furrow t nozzles or microtubes, behind the planter furrow openers and in fron wheel.			
				Apply a minimum of 3 gal. finished spray/A. Suppression only.			
² lbs. a.i. and fl. oz./A of Lambda Select applied at 0.66 fl. oz./1000 ft. of row for various row spacings.							
Row Spacing	4	40" 38"		36"	34"	32"	30"
Linear ft./A	13,	,068	13,756	14,520	15,374	16,335	17,424
lbs. a.i./A	0.0	067	0.07	0.075	0.079	0.084	0.09
fl. oz./A	8	3.6	9.1	9.6	10.1	10.8	11.5









CEREAL GRAINS - CORN (FOLIAR): FIELD CORN, POPCORN, SEED CORN

Pests	Rate Lambda Select per Acre	Remarks
Corn Earworm¹ Cutworm spp. Green Cloverworm Meadow Spittlebug Western Bean Cutworm¹ Armyworm² Bean Leaf Beetle Bird Cherry-Oat Aphid³ Cereal Leaf Beetle Corn Leaf Aphid³ Corn Rootworm Beetle (Adult beetles including Mexican, Northern, Southern, Western) English Grain Aphid³ European Corn Borer¹ Fall Armyworm² Flea Beetle spp. Grasshopper spp. Hop vine Borer¹ Japanese Beetle (Adult) Lesser Cornstalk Borer Sap Beetle (Adult) Seedcorn Beetle Southwestern Corn Borer¹ Stalk Borer¹ Stalk Borer¹ Stink Bug spp. Tobacco Budworm¹.⁴ Webworm spp. Yellowstriped Armyworm²	0.015-0.025 lb. a.i. (1.92-3.20 fl. oz.) 0.02-0.03 lb. a.i. (2.56-3.84 fl. oz.)	See additional instructions below. ¹For control before the larva bores into the plant stalk or ear. ²Use higher rates for large larvae. ³Suppression only. ⁴See resistance statement under General Directions for Use. Do not apply within 21 days of harvest. Do not allow livestock to graze in treated areas or harvest treated corn forage as feed for meat or dairy animals within 1 day after treatment. Do not feed treated corn fodder or silage to meat or dairy animals within 21 days after last treatment. Do not apply more than 0.12 lb. a.i. (0.96 pt. or 15.36 fl. oz. of product)/A per crop from at plant and foliar applications. Do not apply more than 0.06 lb. a.i. (0.48 pt. or 7.68 fl. oz. of product) after silk initiation. Do not apply more than 0.03 lb. a.i. (0.24 pt. or 3.84 fl. oz. of product)/A after corn has reached the milk stage (yellow kernels with milky fluid).
Beet Armyworm Chinch Bug Green Bug ^{3,4} Mexican Rice Borer ¹ Rice Stalk Borer ¹ Southern Corn Leaf Beetle ³ Sugarcane Borer	0.03 lb. a.i. (3.84 fl. oz.)	

Use scouting or locally prescribed corn growth stages to determine need for application, usually at intervals of 7 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds or other locally recommended methods.

Apply by ground or air using sufficient water and application methods to obtain full coverage of target location. When applying by air, apply in at least 2 gal. of water/A.

For chinch bug control, begin application when bugs migrate from small grains or grass weeds to small corn and direct the spray to the base of corn plants. Make additional applications at 3-5 day intervals if needed. **Lambda Select** may only suppress heavy infestations and/ or subsequent migrations.









CEREAL GRAINS - SWEET CORN (FOLIAR)

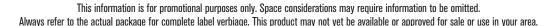
Pests	Rate Lambda Select per Acre	Remarks
Aphid spp. ³	0.02-0.03 lb. a.i.	See additional instructions below.
Armyworm ¹	(2.56-3.84 fl. oz.)	¹ Use higher rates for large larvae.
Aster Leafhopper		² Suppression only.
Beet Armyworm ^{1,3}		³ See resistance statement under General Directions for Use .
Cereal Leaf Beetle		
Chinch Bug		Do not apply within 1 day of harvest.
Common Cornstalk Borer		Do not allow livestock to graze in treated areas or harvest treated
Corn Rootworm Beetle (Adult beetles		corn forage as feed for meat or dairy animals within 1 day after last
including Mexican, Northern,		treatment.
Southern, Western)		Do not food trooted come foodden on ellege to proot on deim, enimals
Corn Earworm		Do not feed treated corn fodder or silage to meat or dairy animals
Cutworm spp.		within 21 days after last treatment.
European Corn Borer		Do not apply more than 0.48 lb. a.i. (3.84 pt. or 61.44 fl. oz. of
Fall Armyworm ¹		product)/A per crop from at plant and foliar applications.
Flea Beetle spp.		
Grasshopper spp.		
Japanese Beetle (Adult)		
Sap Beetle (Adult)		
Southern Armyworm ¹ Southwestern Corn Borer		
Spider Mite spp. ²		
Stink Bug spp.		
Tarnished Plant Bug		
Yellowstriped Armyworm ¹		
Western Bean Cutworm		
Webworm spp.		
	0.00 !! .	
Corn Silkfly (Adult) ²	0.03 lb. a.i.	
Green Bug ^{2,3}	(3.84 fl. oz.)	

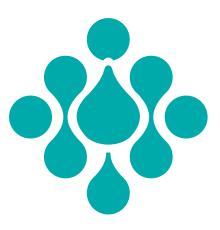
Use scouting or locally prescribed corn growth stages to determine need for application, usually at intervals of 4 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds. For best results, target control before insects enter the stalk or ear.

Apply ground or air using enough water to obtain full coverage of foliage and ears (if present). When applying by air, apply in at least 2 gal. of water per acre.

For control of adult corn rootworm beetles (*Diabrotica* spp.) as part of an aerial applied corn rootworm control program, use a minimum of 0.025 lb. a.i (3.2 fl. oz.)/A.









CEREAL GRAINS- RICE AND WILD RICE

Pests	Rate Lambda Select per Acre	Remarks
Bird Cherry-Oat Aphid	0.025-0.04 lb. a.i.	See additional instructions below.
Chinch Bug Fall Armyworm	(3.20-5.12 fl. oz.)	¹ For control before the larvae bore into the plant stalk.
Grasshopper spp.		Do not release flood water within 7 days of an application.
Green Bug Leafhopper spp. Rice Stink Bug		Do not apply more than 0.12 lb. a.i. (0.96 pt. or 15.36 fl. oz. of product)/A per season.
Rice Water Weevil (Adult) Sharpshooter spp. True Armyworm		Do not apply more than 0.08 lb. a.i. (0.64 pt.)/A within 28 days of harvest or more than 0.04 lb. a.i. (0.32 pt.)/A within 21 days of harvest.
		Do not apply within 21 days of harvest.
Yellowstriped Armyworm		Do not use treated rice fields for the aquaculture of edible fish and crustacea.
Yellow Sugarcane Aphid		Do not apply as an ultra-low volume (ULV) spray.
European Corn Borer¹ Mexican Rice Borer¹ Rice Seed Midge¹ Rice Stalk Borer¹ Sugarcane Borer¹	0.03-0.04 lb. a.i. (3.84-5.12 fl. oz.)	

Mixers/loaders supporting aerial applications to wild rice at a rate of 0.04 lb. a.i./A and treating 1200 acres (or more) per day must wear a dust-mist respirator.

Use scouting to determine need for application and the need for repeat applications, usually at 5-7 day intervals. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

Lambda Select can be safely used when propanil products are being used for weed control.

Apply by air or ground using enough water to obtain full coverage of foliage. When applying by air, apply in at least 2 gal. of water (or a total carrier volume)/A but ensure that application is made in sufficient volume to provide adequate coverage. When applying at lower volumes by air, the addition of an emulsifiable crop oil (e.g. 1 pt./A) is recommended to help improve coverage, reduce evaporation, and improve efficacy.

For control of rice water weevil in dry seeded rice, make a foliar application as indicated by scouting for the presence of adults and/ or feeding scars, usually within a time-frame of 0-5 days after permanent flood establishment. Do not allow more than 10 days to elapse from starting permanent flood until insecticide application unless scouting indicates weevils have not been previously present. Treatment of adults may also be made at later stages of rice development to reduce overwintering populations.

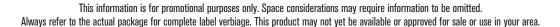
For control of rice water weevil in water seeded rice, make the first foliar application after pinpoint flood as indicated by scouting for the presence of adults and/or feeding scars, usually when rice has emerged 1/2 inch above the waterline. When there is prolonged migration into the field, begin field scouting for adults and/or feeding scars 3-5 days after the first treatment and, if needed, make a second application within 7-10 days of the first application. Treatment of adults may also be made at later stages of rice development to reduce overwintering populations.

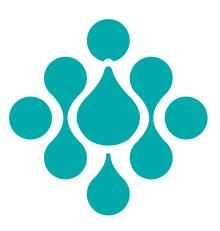
California: In addition to the directions above for control of rice water weevil in water seeded rice, Lambda Select may be applied at the 1-3 leaf growth stage, with the majority at the 2 leaf growth stage. Adults are vulnerable both on leaves and in the water. Larvae are vulnerable while feeding on the leaves before they enter the soil. Monitor for adults based upon field history and density of population. Monitor field edges and levee areas for adults, then treat in one of the following ways: 1) spray the inside perimeter of the field, or 2) spray the entire field.

Because Green bug is known to have many biotypes, it is possible that Lambda Select may only provide suppression. If the first application of Lambda Select does not give satisfactory control, a resistant biotype may be present and use of an alternate chemistry may be necessary.

For control of stem borers, scout fields when rice growth is near panicle differentiation for early symptoms of damaging populations. This damage will be exhibited as discoloration (orange-tan) around the junction of the leaf sheath and leaf blade which is caused by feeding of young larvae within the sheath. Applications must be made before larvae bore into rice stems. Make the first application at panicle differentiation to 2 inch panicle for partial control. Make the second application at boot to heading for maximum control. All rice varieties are susceptible to stem borer damage but Cocodrie and Priscilla are particularly susceptible.









CEREAL GRAINS - SORGHUM (GRAIN)

Pests	Rate Lambda Select per Acre	Remarks
Cutworm spp. Sorghum Midge	0.015-0.02 lb. a.i. (1.92-2.56 fl. oz.)	See additional instructions below. 1Use higher rates for large larvae.
Armyworm Beet Armyworm³ Corn Earworm European Corn Borer²	0.02-0.03 lb. a.i. (2.56-3.84 fl. oz.)	² For control before the larva bores into the plant stalk. ³ See resistance statement under General Directions for Use. Do not apply more than 0.08 lb. a.i. (0.64 pt. or 10.24 fl. oz. of product)/A per season.
Fall Armyworm ¹ Flea Beetle spp. Grasshopper spp. Lesser Cornstalk Borer ² Southwestern Corn Borer ²		Do not apply more than 0.06 lb. a.i. (0.48 pt. or 7.68 fl. oz. of product)/A per season after crop emergence. Do not apply more than 0.02 lb. a.i. (0.16 pt. or 2.56 fl. oz. of product)/A per season once crop is in soft dough stage.
Stink Bug spp. Webworm spp. Yellowstriped Armyworm ¹		Do not apply within 30 days of harvest.
Chinch Bug Mexican Rice Borer ² Sugarcane Borer ²	0.03 lb. a.i. (3.84 fl. oz.)	

Use scouting to determine need for treatment, usually at intervals of 5 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

Apply by ground or air using enough water to obtain full coverage of target location. When applying by air, apply in at least 2 gal. of

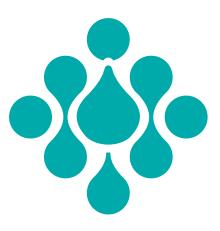
For sorghum midge control, make first application when one quarter of the sorghum heads have emerged and are in tip bloom. If needed, repeat applications at 5-day intervals.

For chinch bug control, start applications when bugs migrate from small grains or grass weeds to small sorghum, directing spray to the base of sorghum plants. If needed, repeat applications at 3-5 day intervals.

Lambda Select may only suppress heavy infestations and/or subsequent migrations.









CEREAL GRAINS - WHEAT, WHEAT HAY, TRITICALE, BARLEY, BUCKWHEAT, OATS, AND RYE

Pests	Rate Lambda Select per Acre	Remarks
Army Cutworm Cutworm spp.	0.015-0.025 lb. a.i. (1.92-3.20 fl. oz.)	See additional instructions below. Best control is obtained before insects begin to roll leaves. Once crop
Armyworm Bird Cherry-Oat Aphid¹ Cereal Leaf Beetle English Grain Aphid¹ Fall Armyworm Flea Beetle spp. Grasshopper spp. Hessian Fly⁴ Orange Blossom Wheat Midge	0.02-0.03 lb. a.i. (2.56-3.84 fl. oz.)	has started to boot, Lambda Select may provide suppression only. Higher rates and increased coverage will be necessary. ² Supprssion only. ³ See resistance statement under General Directions for Use. Make application when adults emerge. Do not apply within 30 days of harvest. Do not apply more than 0.06 lb. a.i. (0.48 pt. or 7.68 fl. oz. of product)/A per season.
Russian Wheat Aphid¹ Stink Bug spp. Yellowstriped Armyworm		Do not allow livestock to graze in treated areas or harvest treated wheat forage as feed for meat or dairy animals within 7 days after treatment.
Grass Sawfly	0.025-0.03 lb. a.i. (3.20-3.84 fl. oz.)	Do not feed treated straw to meat or dairy animals within 30 days after last treatment.
Chinch Bug Corn Leaf Aphid ² Greenbug ^{1,3} Mite spp. ²	0.03 lb. a.i. (3.84 fl. oz.)	

Use scouting to determine need for treatment, usually at intervals of 5 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

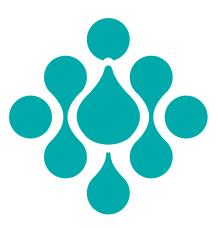
Apply by ground or air using enough water to obtain full coverage of foliage. When applying by air, apply in at least 2 gal. of water/A.

For chinch bug control, repeat applications at 3-5 day intervals if needed. Lambda Select may only suppress heavy infestations and/or migrations.

Because Greenbug is known to have many biotypes, it is possible that Lambda Select may only provide suppression. If this occurs, a second application using an alternative chemistry may be needed.









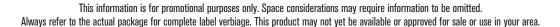
COLE CROPS – BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAVALO BROCCOLO, CAULIFLOWER, CHINESE BROCCOLI (GAI ION), CHINESE CABBAGE (NAPA), CHINESE MUSTARD CABBAGE (GAI CHOY), KOHLRABI

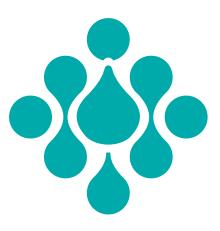
Pests	Rate Lambda Select per Acre	Remarks
Alfalfa Looper Cabbage Looper Cabbage Webworm Cutworm spp. Imported Cabbageworm Southern Cabbageworm	0.015-0.025 lb. a.i. (1.92-3.20 fl. oz.)	See additional instructions below. ¹ For control of first and second instars only. ² Suppression only. ³ See resistance statement under General Directions for Use. Do not apply within 1 day of harvest.
Aphid spp. ^{2,3} Armyworm Beet Armyworm ^{1,3} Corn Earworm Diamondback Moth ³ Fall Armyworm ¹ Flea Beetle spp. Grasshopper spp. Japanese Beetle (Adult) Leafhopper spp. Meadow Spittlebug Plant Bug spp. – including Lygus spp. ³ Spider Mite spp. ² Stink Bug spp. Thrips spp. ² Vegetable Weevil (Adult) Whitefly spp. ^{2,3} Yellowstriped Armyworm	0.02-0.03 lb, a.i. (2.56-3.84 fl. oz.)	Do not apply more than 0.24 lb. a.i. (1.92 pt. or 30.72 fl. oz. of product)/A per season.

Use scouting to determine need for application, usually at intervals of 5 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

Apply by ground or air using enough water to obtain full coverage of foliage. When applying by air, apply in at least 2 gals. of water/A.









COTTON

Pests	Rate Lambda Select per Acre	Remarks
Cutworm spp. Soybean Thrips Tobacco Thrips	0.015-0.02 lb. a.i. (1.92-2.56 fl. oz.)	See additional instructions below. ¹For control of first and second instars only. ²Suppression only.
Cabbage Looper Cotton Fleahopper Cotton Leafperforator Cotton Leafworm Lygus Bug spp. ³ Pink Bollworm Saltmarsh Caterpillar	0.02-0.03 lb. a.i. (2.56-3.84 fl. oz.)	³ See resistance statement under General Directions for Use . Do not apply within 21 days of harvest. Do not graze livestock in treated areas. Do not apply more than 0.2 lb. a.i (1.6 pt. or 25.6 fl. oz. of product)/A per season. Do not make more than a total of 10 synthetic pyrethroid applications
Bandedwing Whitefly ^{2,3} Beet Armyworm ^{1,3} Boll Weevil Brown Stink Bug Cotton Aphid ^{2,3} Cotton Bollworm European Corn Borer Fall Armyworm Green Stink Bug Southern Green Stink Bug Sweet potato Whitefly ^{2,3} Tobacco Budworm ³ Twospotted Spider Mite ²	0.025-0.04 lb. a.i. (3.20-5.12 fl. oz.)	(of one product or combination of products) to a cotton crop in one growing season.

Use scouting to determine need for application, usually at intervals of 5-7 days. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

Apply ground or air using enough water to obtain full coverage of foliage.

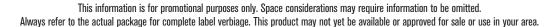
Applications may also be made with equipment adapted and calibrated for ULV sprays. Lambda Select may be mixed with once-refined vegetable oil and applied in a minimum of at least one qt. of finished spray/A.

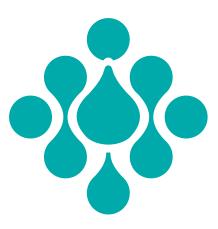
When bollworm/budworm infestation levels are light, 0.02 lb. a.i. (2.56 fl. oz. of product)/A may be applied in conjunction with intense field monitoring.

For boll weevil, spray on a 3-5 day schedule.

When applied according to the directions above for control of cotton bollworm and tobacco budworm, Lambda Select also provides ovicidal control of unhatched *Heliothis* species eggs.









CUCURBIT VEGETABLES – CHAYOTE (fruit), CHINESE WAXCOURD, CITRON MELON, CUCUMBER, GHERKIN, GOURD (edible), MOMORDICA spp., MUSKMELON, PUMPKIN, SQUASH (summer and winter), WATERMELON

Pests	Rate Lambda Select per Acre	Remarks
Armyworm spp. ¹	0.02-0.03 lb. a.i.	See additional instructions below.
Blister Beetle spp.	(2.56-3.84 fl. oz.)	¹ See resistance statement under General Directions for Use.
Cabbage Looper		² Western Flower Thrips are not included.
Corn Earworm		³ Suppression only.
Cricket spp.		
Cucumber Beetle species		Do not apply within 1 day of harvest.
(adults)		Do not apply more than 0.18 lb. a.i (1.44 pt. or 23 fl. oz.)/A per season.
Cutworm spp.		· · · · · · · · · · · · · · ·
Flea Beetle spp.		
Grasshopper spp.		
June Beetle spp.		
Leaffooted Bug		
Leafhopper spp.		
Lygus Bug spp.¹		
Melonworm		
Pickleworm		
Plant Bug spp.		
Rindworm species complex		
Saltmarsh Caterpillar		
Squash Beetle		
Squash Bug spp.		
Squash Vine Borer spp.		
Stink Bug spp.		
Thrips spp. ^{1,2}		
Tobacco Budworm ¹		
Webworm spp.		
Aphid spp.1	0.03 lb. a.i.	
Leafminer spp. ^{1,3}	(3.84 fl. oz.)	
Spider Mite spp. ³		
Whitefly spp. 1,3		

Use scouting to determine need for application, usually at intervals of 5 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

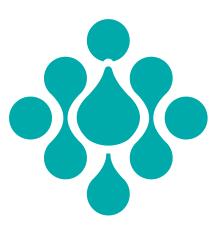
Apply by ground or air using enough water to obtain full coverage of foliage. When applying by air, apply in at least 2 gals. of solution per acre. When applying by ground, apply in a minimum of 10 gals. of solution per acre.

Use higher application volumes and/or application rates when foliage is dense, larvae are large, pest populations are high, size of plants increases, or weather conditions are adverse. Use higher rates for longer residual.

Insects that tunnel or bore into leaves, stems, vines, or fruit must be controlled before penetration. Only insects (larvae and adults) exposed to the product can be controlled with foliar applications of **Lambda Select**.









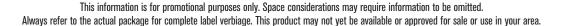
FRUITING VEGETABLES - TOMATO, TOMATILLO, PEPPERS (BELL AND NONBELL), EGGPLANT, GROUND CHERRY, PEPINO

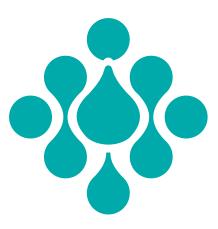
Pests	Rate Lambda Select per Acre	Remarks
Cabbage Looper	0.015-0.025 lb. a.i.	See additional instructions below.
Cutworm spp.	(1.92-3.20 fl. oz.)	¹ For control of first and second instars only.
Hornworm spp.		² Suppression only.
Aphid spp. ^{2,3}	0.02-0.03 lb. a.i.	³ See resistance statement under General Directions for Use .
Beet Armyworm ^{1,3}	(2.56-3.84 fl. oz.)	⁴ For control before the larva bores into the plant stalk or fruit.
Blister Beetle spp.		⁵ Does not include Western Flower thrips.
Colorado Potato Beetle ³		De not analysistic Entrance (because
Cucumber Beetle spp. (Adult)		Do not apply within 5 days of harvest.
European Corn Borer ⁴		Do not apply more than 0.36 lb. a.i. (2.88 pt. or 46.08 fl. oz. of product)/A
Fall Armyworm ¹		per season.
Flea Beetle spp.		
Grasshopper spp.		
Japanese Beetle (Adult)		
Leafhopper spp.		
Leafminer spp. ²		
Meadow Spittlebug		
Pepper Weevil (Adult) ²		
Plant Bug spp.		
Southern Armyworm ¹		
Spider Mite spp. ²		
Stalk Borer ⁴		
Stink Bug spp.		
Thrips ⁵		
Tobacco Budworm ³		
Tomato Fruitworm		
Tomato Pinworm		
Tomato Psyllid ^{2,3}		
Vegetable Weevil (Adult)		
Whitefly spp. ^{2,3}		
Yellowstriped Armyworm ¹		

Use scouting to determine need for application, usually at intervals of 5 or more days. Base the timing and frequency of applications on the timing when insect populations reach local economic thresholds.

Apply by ground or air using enough water to obtain full coverage of foliage. When applying by air, apply in at least 2 gal. of water/A.









GRASS FORAGE, FODDER, AND HAY - PASTURE AND RANGELAND GRASS, GRASS GROWN FOR HAY OR SILAGE, AND GRASS GROWN FOR SEED

Pests	Rate Lambda Select per Acre	Remarks
Army Cutworm Cutworm spp. Essex Skipper Range Caterpillar Striped Grass Looper Beet Armyworm Billbug spp.³ Bird Cherry-Oat Aphid.¹ Black Grass Bug Black Turfgrass Beetle (adult) Blue Stem Midge Cereal Leaf Beetle Chinch Bug Crane Fly spp. Cricket spp. English Grain Aphid¹ Fall Armyworm Flea Beetle spp. Grass Mealybug Grass Sawfly (adult) Grasshopper spp. Green June Beetle (adult) Greenbug¹.².⁴ Japanese Beetle (adult) Katydid spp.	Rate Lambda Select per Acre 0.015-0.025 lb. a.i. (1.92-3.2 fl. oz.) 0.02-0.03 lb. a.i. (2.56-3.84 fl. oz.)	Remarks See additional instructions below. ¹Best control is obtained before insects begin to roll leaves. ²See resistance statement under General Directions for Use. ³Suppression only. ⁴Greenbug is known to have many biotypes. Lambda Select may provide suppression only. A second application using alternative chemistry may be needed. Pasture and rangeland grass may be used for grazing or cut for forage 0 days after application. Do not cut grass to be dried and harvested for hay until 7 days after the last application. Grass grown for seed: Straw and mature seed (seed screenings) may be used as feed 7 days after the last application. Regrowth of grass grown for seed may be used for grazing, cut for forage or cut to be dried and harvested for hay. Do not apply more than 0.03 lb. a.i (0.24 pt. or 3.84 fl. oz.)/A per cut ting for pastures, rangeland, and grasses grown for seed. A minimum retreatment interval (RTI) of 30 days is required for pastures and rangeland receiving 0.03 lb. a.i./A which have not been cut between applications. Do not apply more than 0.09 lb. a.i. (0.72 pt. or 11.52 fl. oz. of product) per acre per season.
Greenbug ^{1,2,4} Japanese Beetle (adult)		
Spittlebug spp. Stink Bug spp. Sugarcane Aphid Thrips spp. Tick spp. True Armyworm Webworm spp. Yellowstriped Armyworm		

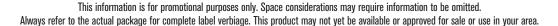
Use scouting to determine need for application. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

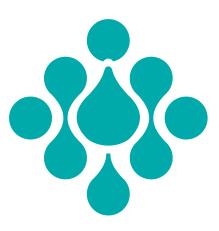
Apply by ground or air using enough water to obtain full coverage of foliage. When applying by air, apply in at least 2 gals. of water per acre. When applying by ground, apply in a minimum of 7 gals. of water per acre.

Use higher application volumes and/or application rates when foliage is dense, larvae are large, pest populations are high, or weather conditions are adverse. Use higher rates for longer residual.

For chinch bug control, Lambda Select may only suppress heavy infestations and/or migrations. In these situations, a second application using alternative chemistry may be needed.









LEGUME VEGETABLES (BEANS AND PEAS):

EDIBLE PODDED (ONLY): Canavalia gladiata - sword bean; Canavalia ensiformis - jackbean; Glycine max - soybean (immature seed).

EDIBLE PODDED, SUCCULENT SHELLED OR DRIED SHELLED: Phaseolus spp. - includes field, kidney, lima, navy, pinto, runner, snap, tepary, and wax beans; Vigna spp. - includes adzuki, asparagus, moth, mung, rice, urd and yardlong beans, blackeyed pea, catjang, Chinese longbean, cowpea, Crowder pea, and Southern pea; Pisum spp. - includes dwarf, edible-pod, English, field, garden, green, snow, and sugar peas; Cajanus cajan - Pigeon pea.

SUCCULENT SHELLED OR DRIED SHELLED: Vicafaba - broadbean (fava bean).

DRIED SHELLED (ONLY): Lupinus spp. - includes grain, sweet, white and sweet white lupines; Cicer arietimum - chickpea (garbanzo bean), Cyamopsis tetraganoloba - guar, Lablab purpureus - Lablab bean (hyacinth bean), Lens esculata - lentils.

Pests	Rate Lambda Select per Acre	Remarks
Cutworm spp. Green Cloverworm Imported Cabbageworm Mexican Bean Beetle Saltmarsh Caterpillar Velvetleaf Caterpillar Alfalfa Caterpillar Alfalfa Caterpillar Aphid spp. ⁴ Armyworm Bean Leaf Beetle Bean Leafskeletonizer Blister Beetle spp. Corn Earworm Corn Rootworm Beetle spp. (Adult) Cucumber Beetle spp. (Adult) Curculio and Weevil spp. ¹ (foliage and pod feeding adults	Rate Lambda Select per Acre 0.015-0.025 lb. a.i. (1.92-3.20 fl. oz.) 0.02-0.03 lb. a.i. (2.56-3.84 fl. oz.)	Remarks See additional instructions below. ¹For control before the larva bores into the plant stalk or pods. ²Use higher rates for large larvae. ³For suppression only. ⁴See resistance statement under General Directions for Use. ⁵Does not include Western Flower Thrips For edible podded and succulent shelled legume vegetables, do not apply within 7 days of harvest. For dried shelled legume vegetables, do not apply within 21 days of harvest. Do not apply more than 0.12 lb. a.i. (0.96 pt. or 15.36 fl. oz. of product)/A per season. For succulent and dried shelled peas and beans, do not graze livestock in treated areas or harvest vines for forage or hay.
(follage and pod feeding adults and larvae) European Corn Borer Fall Armyworm² Flea Beetle spp. (Adult) Flea Hopper spp. Grasshopper spp. Japanese Beetle (Adult) Leafhopper spp. Loaftier spp. Looper spp. Meadow Spittlebug Painted Lady Butterfly (Larva) Plant Bug spp. including Lygus spp.⁴ Stalk Borer¹ Stink Bug spp. Threecornered Alfalfa Hopper Thrips spp.⁴.5 Tobacco Budworm⁴ Webworm spp. Western Bean Cutworm Western Yellowstriped Armyworm² Yellowstriped Armyworm²		livestock in treated areas or harvest vines for forage or hay.









LEGUME VEGETABLES (BEANS AND PEAS): (continued)

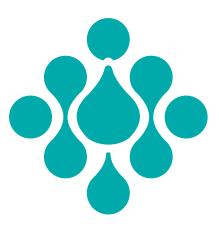
Pests	Rate Lambda Select per Acre	Remarks
Beet Armyworm ^{3,4} Leafminer spp. ^{3,4} Lesser Cornstalk Borer ³ Soybean Looper ^{3,4} Spider Mite spp. ³ Whitefly spp. ^{3,4}	0.03 lb. a.i. (3.84 fl. oz.)	See additional instructions below. ¹For control before the larva bores into the plant stalk or pods. ²Use higher rates for large larvae. ³For suppression only. ⁴See resistance statement under General Directions for Use. ⁵Does not include Western Flower Thrips For edible podded and succulent shelled legume vegetables, do not apply within 7 days of harvest. For dried shelled legume vegetables, do not apply within 21 days of harvest. Do not apply more than 0.12 lb. a.i. (0.96 pt. or 15.36 fl. oz. of product)/A per season. For succulent and dried shelled peas and beans, do not graze livestock in treated areas or harvest vines for forage or hay.

Use scouting to determine need for application, usually at intervals of 5 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

Apply by ground or air using enough water to obtain full coverage of foliage. When applying by air, apply in at least 2 gal. of water/A.









LEGUME VEGETABLES: SOYBEANS

Pests	Rate Lambda Select per Acre	Remarks
Bean Leaf Beetle Cabbage Looper Corn Earworm Corn Rootworm Beetle (Adult beetles including Mexican, Northern, Southern, Western) Cutworm spp. Green Cloverworm Mexican Bean Beetle Painted Lady (Thistle) Caterpillar Potato Leafhopper Saltmarsh Caterpillar Soybean Aphid ⁴ Threecornered Alfalfa Hopper Thrips spp. ⁵ Velvetbean Caterpillar Woolybear Caterpillar	0.015-0.025 lb. a.i. (1.92-3.20 fl. oz.)	See additional instructions below. 1 Use higher rates for large larvae. 2 Suppression only. 3 See resistance statement under General Directions for Use. 4 Use lower rates for early season applications and/or lighter populations. 5 Does not include Western Flower Thrips. Do not apply within 30 days of harvest. Do not apply more than 0.06 lb. a.i. (0.48 pt.)/A per season.
Armyworm¹ Blister Beetle spp. European Corn Borer Fall Armyworm¹ Grasshopper spp. Japanese Beetle (Adult) Plant Bug spp. Silverspotted Skipper Stink Bug spp. Tobacco Budworm³ Webworm spp. Yellowstriped Armyworm¹	0.025-0.03 lb. a.i. (3.20-3.84 fl. oz.)	
Beet Armyworm ^{2,3} Lesser Cornstalk Borer ³ Soybean Looper ^{2,3} Spider Mite spp. ²	0.03 lb. a.i. (3.84 fl. oz.)	

Use scouting to determine need for application, usually at intervals of 5 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

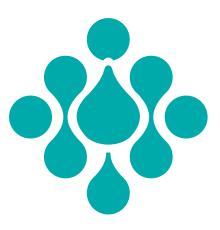
Do not graze or harvest treated soybean forage, straw or hay for livestock feed.

Apply by ground or air using enough water to obtain full coverage of foliage. When applying by air, apply in at least 2 gal. of water/A.

For control of adult corn rootworm beetles (*Diabrolica* spp.) as part of an aerial applied to corn rootworm control program, use at least 2.56 fl. oz./A of product (0.02 lb. a.i./A).









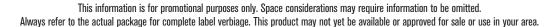
LETTUCE (HEAD AND LEAF)

Pests	Rate Lambda Select per Acre	Remarks
Alfalfa Cabbage Looper Cutworm spp. Green Cloverworm Imported Cabbageworm Saltmarsh Caterpillar	0.015-0.025 lb. a.i. (1.92-3.20 fl. oz.)	See additional instructions below. ¹ For control of first and second instars only. ² Suppression only. ³ See resistance statement under General Directions for Use. Do not apply within 1 day of harvest.
Aphid spp. ^{2,3} Armyworm Beet Armyworm ^{1,3} Corn Earworm Diamondback Moth ³ European Corn Borer Fall Armyworm ¹ Flea Beetle spp. Grasshopper spp. Japanese Beetle (Adult) Leafhopper spp. Meadow Spittlebug Plant Bug spp. including Lygus spp. ³ Southern Armyworm Spider Mite spp. ² Stink Bug spp. Tobacco Budworm ³ Vegetable Weevil (Adult) Whitefly spp. ^{2,3}	0.02-0.03 lb. a.i. (2.56-3.84 fl. oz.)	Do not apply more than 0.3 lb. a.i. (2.4 pt. or 38.4 fl. oz. of product)/A per season.

Use scouting to determine need for application, usually at intervals of 5 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

Apply by ground or air using enough water to obtain full coverage of foliage. When applying by air, apply in at least 2 gal. of water/A.









ONION (BULB) AND GARLIC

Pests	Rate Lambda Select per Acre	Remarks
Cutworm spp. Leafminer spp. (Adult) Onion Maggot (Adult) Seedcorn Maggot (Adult)	0.015-0.025 lb. a.i. (1.92-3.20 fl. oz.)	See additional instructions below. ¹ For control of first and second instars only. ² Suppression only. ³ See resistance statement under General Directions for Use.
Aphid spp. ² Armyworm spp. ¹ Flower Thrips ^{2,3} Onion Thrips ³ Plant Bugs Stink Bug spp. Tobacco Thrips ² Western Flower Thrips ^{2,3}	0.02-0.03 lb. a.i. (2.56-3.84 fl. oz.)	Do not apply within 14 days of harvest. Do not apply more than 0.24 lb. a.i. (1.92 pt. or 30.72 fl. oz. of product)/A per season.

Use scouting to determine need for application, usually at intervals of 5 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

Use the higher label rates as thrips population increases and avoid rescue situations.

Apply by ground or air using enough water to obtain full coverage of foliage. When applying by air, apply in at least 2 gal. of water/A.

To control thrips by aerial application, the addition of 1% COC v/v, 1/4% NIS v/v or a silicone adjuvant (follow manufacturer's use directions) may improve the deposition of the spray and increase plant coverage.

PEANUT

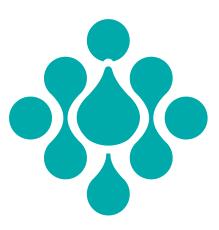
Pests	Rate Lambda Select per Acre	Remarks
Cutworm spp. Green Cloverworm Potato Leafhopper Rednecked Peanut Worm Threecornered Alfalfa Leafhopper Velvetbean Caterpillar	0.015-0.025 lb. a.i. (1.92-3.20 fl. oz.)	See additional instructions below. 1 Use higher rates for large larvae. 2 Suppression only. 3 See resistance statement under General Directions for Use. Do not apply within 14 days of harvest.
Bean Leaf Beetle Corn Earworm Fall Armyworm¹ Grasshopper spp. Southern Corn Rootworm (Adult) Stink Bug spp. Tobacco Thrips Vegetable Weevil Whitefringed Beetle (Adult)	0.02-0.03 lb. a.i. (2.56-3.84 fl. oz.)	Do not apply more than 0.12 lb. a.i. (0.96 pt. or 15.36 fl. oz. of product)/A per season.
Aphid spp. ¹ Beet Armyworm ^{2,3} Lesser Cornstalk Borer ² Soybean Looper ^{2,3} Spider Mites spp. ²	0.03 lb. a.i. (3.84 fl. oz.)	

Use scouting to determine need for application, usually at intervals of 7 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

Apply by ground or air using enough water to obtain full coverage of foliage. When applying by air, apply in at least 2 gal. of water/A.









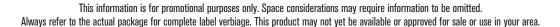
POME FRUITS - APPLE, CRABAPPLE, LOQUAT, MAYHAW, ORIENTAL PEAR, PEAR, QUINCE

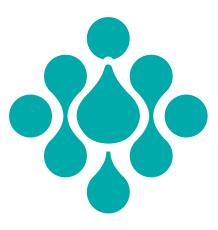
Pests	Rate Lambda Select per Acre	Remarks
Apple Aphid	0.02-0.04 lb. a.i.	See additional instructions below.
Apple Maggot (Adult)	(2.56-5.12 fl. oz.)	¹ Suppression only.
Cherry Fruit Fly spp. (Adult)		
Coding Moth Green Fruitworm		Do not apply within 21 days of harvest.
Japanese Beetle		Do not apply more than 0.2 lb. a.i. (1.6 pt. or 25.6 fl. oz. of
Leafhopper spp.		product)/A per year.
Leafroller spp.		Do not apply more than 0.16 lb. a. i. (1.28 pt. or 20.48 fl. oz. of
Lesser Appleworm		product)/A per year post bloom.
Omnivorous Leafroller		
Orange Tortrix		
Oriental Fruit Moth		
Pear Psylla ¹		
Pear Sawfly		
Periodical Cicada		
Plant Bug spp. Plum Curculio		
Rosy Apple Aphid		
San Jose Scale (fruit infestations only)		
Spirea Aphid ¹		
Stink Bug spp.		
Tent Caterpillar spp.		
Tentiform Leaf Miner spp.		
Tree Borer spp.		
Tufted Apple Budworm		
Webworm spp.		

Use scouting to determine need for application, usually at intervals of 5 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds and IPM recommendations.

Apply by ground or air using enough water to obtain full coverage of the foliage or target area. When applying by air, apply in at least 5 gal. of water per acre but use higher volumes as appropriate for thorough coverage.









STONE FRUITS - APRICOT, SWEET CHERRY, TART CHERRY, NECTARINE, PEACH, PLUM, CHICKASAW PLUM, DAMSON PLUM, JAPANESE PLUM, PLUMCOT, PRUNE

Pests	Rate Lambda Select per Acre	Remarks
American Plum Borer	0.02-0.04 lb. a.i.	See additional instructions below.
Apple Maggot (Adult)	(2.56-5.12 fl. oz.)	Do not apply within 14 days of harvest.
Black Cherry Aphid Cherry Fruit Fly spp. (Adult) Codling Moth Green Fruitworm Japanese Beetle June Beetle Leafhopper spp. Leafroller spp. Oriental Fruit Moth Peachtree Borer spp. Peach Twig Borer Pear Sawfly Periodical Cicada Plant Bug spp. Plum Curculio Rose Chafer Stink Bug spp.		Do not apply within 14 days of narvest. Do not apply more than 0.2 lb. a.i. (1.6 pt. or 25.6 fl. oz. of product)/A per year. Do not apply more than 0.16 lb. a.i. (1.28 pt. or 20.48 fl. oz. of product)/A per year post bloom.
Tent Caterpillar spp. Thrips spp.		

Use scouting to determine need for application, usually at intervals of 5 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds and IPM recommendations.

Apply by ground or air using enough water to obtain full coverage of the foliage or target area. When applying by air, apply at least 5 gal. of water per acre but use higher volumes as appropriate for thorough coverage.

SUGARCANE

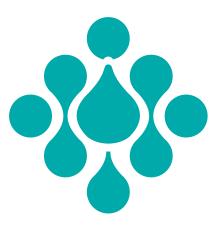
Pests	Rate Lambda Select per Acre	Remarks
Mexican Rice Borer ¹ Pygmy Mole Cricket Rice Stalk Borer ¹ Sugarcane Aphid ³ Sugarcane Beetle (Adult) ² Sugarcane Borer ¹ West Indian Cranefly Yellow Sugarcane Aphid ³	0.025-0.04 lb. a.i. (3.20-5.12 fl. oz.)	See additional instructions below. ¹For control before the larva bores into the plant stalk. ²Suppression only of beetles active above ground. ³See resistance statement under General Directions for Use. Do not apply within 21 days of harvest. Do not apply more than 0.16 lb. a.i. (1.28 pt. or 20.48 fl. oz. of product)/A per season.

Use scouting to determine need for application, usually at intervals of 7 or more days. Base the timing and frequency of applications on when insect populations reach local economic threshold.

Apply by ground or air using enough water to obtain full coverage of the foliage or target area. When applying by air, apply at least 2 gal. of water/A.









SUNFLOWER

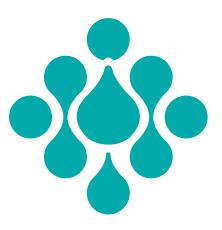
Pests	Rate Lambda Select per Acre	Remarks
Cutworm spp. Sunflower Beetle	0.015-0.025 lb. a.i. (1.92-3.20 fl. oz.)	See additional instructions below. 1Use higher rates for large larvae.
Banded Sunflower Moth Fall Armyworm¹ Grasshopper spp. Head-Clipper Weevil (Adult) Japanese Beetle (Adult) Leafhopper spp. Meadow Spittlebug Painted Lady (Thistle) Caterpillar Seed Weevil (Adult) Spotted Cabbage Looper Stem Weevil (Adult) Stink Bug spp. Sunflower Maggot (Adult) Sunflower Moth Woolybear Caterpillar	0.02-0.03 lb. a.i. (2.56-3.84 fl. oz.)	² Suppression only. ³ See resistance statement under General Directions for Use . Do not apply within 45 days of harvest. Do not apply more than 0.12 lb. a.i. (0.96 pt. or 15.36 fl. oz. of product)/A per season. Do not apply more than 0.09 lb. a.i. (0.72 pt. or 11.52 fl. oz. of product)/A per season after bloom initiation. Do not apply as an Ultra Low Volume (ULV) spray.
Beet Armyworm ^{2,3} Spider Mites spp. ²	0.03 lb. a.i. (3.84 fl. oz.)	

Use scouting to determine need for application, usually at intervals of 5 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

Apply by ground or air using enough water to obtain full coverage of sunflower heads and/or foliage. When applying by air, apply in at least 2 gal. of water/A.









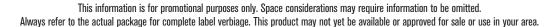
TOBACCO

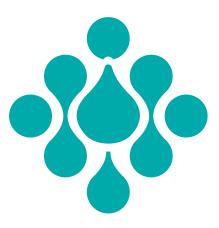
Pests	Rate Lambda Select per Acre	Remarks
Armyworm spp. ¹	0.015-0.03 lb. a.i.	See additional instructions below.
Blister Beetle spp.	(1.92-3.84 fl. oz.)	¹ For control of first and second instars only.
Cabbage Looper		² Suppression only.
Corn Earworm		³ See resistance statement under General Directions for Use .
Cucumber Beetle spp. (Adult)		See resistance statement under delicial directions for use.
Cutworm spp.		Do not apply within 40 days of harvest.
Grasshopper spp.		Do not apply more than 0.09 lb. a.i. (0.72 pt. or 11.52 fl. oz. of
Japanese Beetle (Adult)		product)/A per year.
Katydid spp.		product, nt per year.
Plant Bug spp. ³		
Potato Tuberworm		
Saltmarsh Caterpillar		
Stinkbug spp.		
Tobacco Aphid spp. ^{2,3}		
Tobacco Budworm ³		
Tobacco Flea Beetle (Adult)		
Tobacco Hornworm		
Tobacco Thrips spp. ²		
Tomato Hornworm		
Tree Cricket spp.		
Vegetable Weevil (Adult)		
Webworm spp.		

Use scouting to determine need for application, usually at intervals of 7 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

Apply by ground or air using enough water to obtain full coverage of the foliage. When applying by air, apply in at least 2 gal. of water/A.









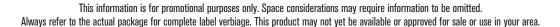
TREE NUTS — ALMOND, BEECH NUT, BRAZIL NUT, BUTTERNUT, CASHEW, CHESTNUT, CHINQUAPIN, FILBERT (HAZELNUT), HICKORY NUT, MACADAMIA NUT (BUSH NUT), PISTACHIO, WALNUT-BLACK, WALNUT-ENGLISH (PERSIAN), PECAN

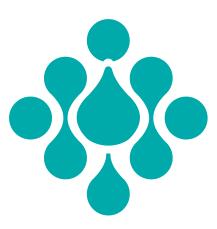
Pests	Rate Lambda Select per Acre	Remarks
Ants	0.02-0.04 lb. a.i.	See additional instructions below.
Chinch Bug	(2.56-5.12 fl. oz.)	Do not apply within 14 days of harvest.
Coddling Moth		
Filbertworm		Do not apply more than 0.16 lb. a.i. (1.28 pt. or 20.48 fl. oz. of
Leaffooted Bug		product)/A per year.
Leafroller spp.		Do not apply more than 0.12 lb. a.i. (0.96 pt. or 15.36 fl. oz. of
Navel Orangeworm		product)/A per year post bloom.
Peach Twig Borer		
Plant Bug spp.		
Stink Bug spp.		
Walnut Aphid		
Walnut Husk Fly spp. (Adult)		
Hickory Shuckworm		
Pecan Aphid spp.		
Pecan Casebearer spp.		
Pecan Phylloxera spp.		
Pecan Spittlebug		
Pecan Weevil		
Stink Bug spp.		

Use scouting to determine need for application, usually at intervals of 5 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

Apply by ground or air using enough water to obtain full coverage of the foliage or target area. When applying by air, apply in at least 5 gal. of water per acre, but use higher rates as appropriate for thorough coverage.









TUBEROUS AND CORM VEGETABLES – ARRACACHA, ARROWROOT, ARTICHOKE (Chinese and Jerusalem only), CANNA (edible), CASSAVA (bitter and sweet), CHAYOTE (root), CHUFA, DASHEEN, GINGER, LEREN, POTATO, SWEET POTATO, TANIER, TURMERIC, YAM (bean and true)

Pests	Rate Lambda Select per Acre	Remarks
Cutworm spp.	0.015-0.025 lb. a.i.	See additional instructions below.
Leafhopper spp. Saltmarsh Caterpillar Sweet Potato Hornworm Woolybear Caterpillar spp.	(1.92-3.2 fl. oz.)	¹ See resistance statement under General Directions for Use . ² Does not include Western Flower Thrips. ³ Suppression only.
Aphid spp.¹ Armyworm spp.¹ Blister Beetle spp. Colorado Potato Beetle¹ Corn Earworm Cricket spp. Cucumber Beetle spp. (adults) European Corn Borer Flea Beetle spp. (adults) Grasshopper spp. Looper spp.¹ Lygus Bug spp.¹ Plant Bug spp. Potato Psyllid Potato Tuberworm Stink Bug spp. Sweet Potato Leaf Beetle (adults) Sweet Potato Vine Borer Thrips spp.¹² Tortoise Beetle spp. Webworm spp.	0.02-0.03 lb. a.i. (2.56-3.84 fl. oz.)	Do not apply within 7 days of harvest. Do not apply more than 0.12 lb. a.i. (0.96 pt. or 15.36 fl. oz. of product) per acre per season.
Weevils spp. (adults)		
Leafminer spp. ^{1,3} Whitefly spp. ^{1,3} Snider Mite spp. ³	0.03 lb. a.i. (3.84 fl. oz.)	

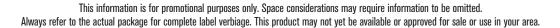
Use scouting to determine need for application, usually at intervals of 7 or more days. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

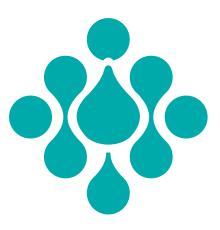
Apply by ground or air using enough water to obtain full coverage of foliage. When applying by air, apply in at least 2 gals. of water per acre. When applying by ground, apply in a minimum of 10 gals. of water per acre.

Use higher application volumes and/or application rates when foliage is dense, larvae are large, pest populations are high, plant size increases, or weather conditions are adverse. Use higher rates for longer residual.

Insects that tunnel or bore into leaves, vines, stems, tubers, or corms must be controlled before penetration. Only exposed insects (larvae and/or adults) can be controlled with foliar applications of **Lambda Select**.









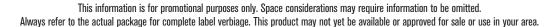
CONIFER AND DECIDUOUS TREES - PLANTATIONS AND NURSERIES

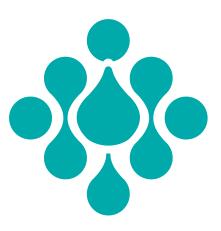
Pests	Rate Lambda Select per Acre	Remarks
Bagworm	0.02-0.04 lb. a.i.	See additional instructions below.
Balsam Twig Aphid	(2.56-5.12 fl. oz.)	¹ Suppression only.
Balsam Wooly Aphid		
Birch Leafminer		Do not apply more than 0.24 lb. a.i. (1.92 pt. or 30.72 fl. oz. of
Black Pine Weevil		product)/A per year.
Elm Leaf Beetle		
European Elm Leaf Beetle		
Gypsy Moth		
Japanese Beetle		
June Beetle spp.		
Leaf Beetle spp.		
Leafroller spp.		
May Beetle spp.		
Mealybug spp. ¹		
Pales Weevil		
Pine Chafer		
Pine Colaspis Beetle		
Pine Conelet Bug		
Pine Leaf Chermid		
Pine Needle Scale		
Pine Sawfly spp.		
Pine Tip Moth spp.		
Pine Tortoise Scale		
Pine Weevil spp.		
Poplar Aphid spp.		
Sawfly spp.		
Spittlebug spp.		
Spruce Budworm		
Tent Caterpillar spp.		
Tussock Moth spp.		
Webworm spp.		

Use scouting to determine timing for control of exposed foliage, flower, cone, seed, and bark feeding insects. Base the timing and frequency of applications on when insect populations reach local economic thresholds.

Apply by ground or air using enough water to obtain full coverage of target site. When applying by air, apply in at least 2 gal. of water/A.









CONIFER AND DECIDUOUS TREES - SEED ORCHARDS

Pests	Rate Lambda Select per Acre	Remarks
Coneworm spp. Seed Bug spp.	See Remarks	For high volume sprayers, dilute 5.12 fl. oz. of product per 100 gal. of water and apply 5-10 gal. of finished spray per tree.
Thrips spp.		For low volume sprayers, dilute 20 fl. oz. of product per 100 gal. of water and apply 100 gal. of finished spray per acre.
		For aerial applications, apply 15 fl. oz. of product per acre in a minimum of 10 gal. of finished spray per acre.
		Do not apply more than 0.5 lb. a.i. (4 pt. or 64 fl. oz. of product)/A per year.

NON-CROPLAND (EXCLUDING PUBLIC LAND)

Pests	Instructions		
See crop instructions in sections above for specific pest and rate information	Spray non-cropland adjacent to agricultural areas to control insects which may migrate to and threaten crops. Follow the General Directions for Use instructions, application rates, and spray recommendations found elsewhere on this label for the adjacent crop outlet and target pests.		
	When foliage is dense/large, insect populations are high or larval stages are large, use the highest labeled rate for that crop-pest combination.		
	Repeat as necessary to maintain control.		
	Do not apply more than 0.2 lb. a.i. (1.6 pt. or 25.6 fl. oz. of product)/A per year.		
	Do not graze livestock in treated areas.		

Rate Conversion Chart

Treated Acres/Gal	66	50	40	33	25
pt. /A	0.12	0.16	0.20	0.24	0.32
fl. oz./A	1.92	2.56	3.20	3.84	5.12
lb. a.i./A	0.015	0.02	0.025	0.03	0.04

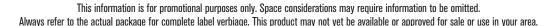
TURF AND ORNAMENTALS

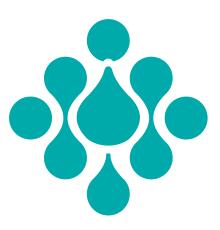
Lambda Select may be used for applications to ornamentals grown in commercial greenhouses, shade houses, and nurseries, and turf grown on sod farms or for commercial seed production.

Lambda Select may be used for applications to maintain indoor or outdoor areas where turf and ornamentals are grown, such as residential landscape areas and non-residential landscapes around institutional, public, commercial, and industrial buildings, parks, recreational areas, golf courses, and athletic fields.

Lambda Select may also be used for applications to golf course fairways, greens, greens aprons, and tee areas.









IMPORTANT: Time application to flowering plants during periods when pollinating insects are not present, such as early morning or late evening.

Do not apply this product through any type of irrigation system for turf and ornamental uses.

Do not apply this product to edible crops or crops grown for food/feed when applied to turf or ornamentals. Do not apply this product by aerial application for turf and ornamental uses.

SPRAY DRIFT PRECAUTIONS

Observe restrictions found elsewhere on this label. Do not make applications when wind speed is 15 miles per hour or greater. Low humidity and high temperatures increase the likelihood of spray drift to sensitive areas. Avoid spraying during conditions of low humidity and/or high temperature.

Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when the wind direction is toward the aquatic area. Do not make outdoor applications during temperature inversions. Inversions are characterized by stable air and increasing temperature with height above ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

APPLICATION

Lambda Select mixes easily with water and may be used in all types of application equipment. Mix product with the required amount of water and apply as a dilute application to the point of runoff. Apply product using spray nozzles which produce a coarse droplet size. Formation of very small droplets may be minimized by appropriate nozzle selection and by avoiding excessive spray pressure. For application to plants like holly, pine, or ivy which have hard-to-wet foliage, add a spreader-sticker to enhance knockdown and increase residual activity. If application is made as a concentrate or mist-type application, use the same amount of product as would be used in a dilute application.

MIXING

Lambda Select is to be diluted with water for spray application and may be used in all types of application equipment. First fill application tank with 1/2 - 3/4 volume of water. It is suggested that the pH of the water be between 5 and 7; use a buffering agent if necessary to adjust the pH. Next slowly add Lambda Select to the applicator tank water with maximum agitation. Finally, fill tank to desired volume and continue to agitate while making applications. If application is interrupted, agitate or re-suspend spray solution before resuming sprays. Always add Lambda Select last if other chemicals are to be added to the applicator tank. If mixed with EC formulations or oils, use within 24 hours. Make up only amount of application volume as required. See mixing charts below.

Lambda Select Mixing Chart for Ornamental Insect Pest Control (Lambda Select to add per spray tank)

•		•				
Desired Rate of Lambda Select per 100 gal.	25 gallon spray tank	50 gallon spray tank	100 gallon spray tank	200 gallon spray tank	300 gallon spray tank	
1.3 oz.	0.33 oz.	0.65 oz.	1.3 oz.	2.6 oz.	4.0 oz.	
2.6 oz.	0.65 oz.	1.3 oz.	2.6 oz.	5.2 oz.	7.9 oz.	
4.4 oz.	1.1 oz.	2.2 oz.	4.4 oz.	8.8 oz.	13.3 oz.	

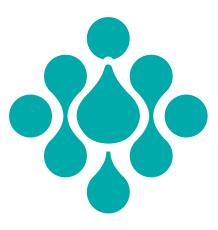
Lambda Select Mixing Chart for Turf Insect Pest Control (Lambda Select to add per 100 gallon spray tank)

Rate of Lambda Select	2 gals.	4 gals.	6 gals.	8 gals.	10 gals.
4.4 oz./A	5.0 oz.	2.5 oz.	1.7 oz.	1.2 oz.	1.0 oz.
8.8 oz./A	10.0 oz.	5.0 oz.	3.3 oz.	2.5 oz.	2.0 oz.
17.6 oz./A	20.0 oz.	10.0 oz.	6.7 oz.	5.0 oz.	4.0 oz.

Conversion Rate: 1 Fluid ounce (fl. oz.) equals 29 milliliters (mL).









COMPATIBILITY

Lambda Select has been found to be compatible with most commonly used fungicides, miticides, liquid fertilizers, and other insecticides. Use a jar test to check physical compatibility using the correct proportion of products if local experience is unavailable.

Note: While phytotoxicity testing has been carried out on a wide range of ornamental plants under various environmental conditions, and no phytotoxicity has been observed, certain cultivars may be sensitive to the final spray solution. It is advised to prespray a selection of ornamental plants and observe them for 7-10 days prior to treating large areas if local use experience is unavailable.

USE INSTRUCTIONS

ORNAMENTALS

Ornamentals in Greenhouses, Shadehouses, and Nurseries

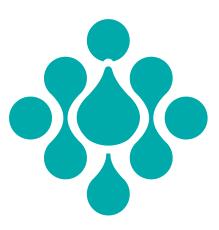
Ornamentals (including Trees, Shrubs, Flowers, Evergreens, Foliage Plants, and Ground Covers) in Residential Landscaped Areas and Landscaped Areas Around Institutional, Public, Commercial, and Industrial Buildings, Parks, Recreational Areas, Golf Courses, and Athletic Fields

Aphids Armyworms Azalea caterpillars Bagworms¹ Black vine weevils (adult) Boxelder bugs Budworms California Oakworms Cankerworms Cockroaches Crickets Cutworms Eastern tent caterpillars Elm leaf beetles European sawflies Forest tent caterpillars Gypsy moth larvae Japanese beetles (adult) June beetles (adult) June beetles (adult) Lace bugs Leaf-feeding caterpillars Leafhoppers Leafminers, (adult) Leaf rollers Leaf skeletonizers Midges Mosquitoes Oleander moth larvae Pillbugs Insect pest populations becc Reapply as necessary to kee under control, using higher ra increases. Good spray coverage is nec- most effective level of contro waxy, hard-to-wet foliage, ad- at recommended rates to enl insects For spot treatments, use 0.4- per 1-2.5 gallons of water. Apply at 7-day intervals if rett Do not apply more than 0.36 ingredient (46 fl. oz. of produ Consult your state university Extension Service office for s application timing in your are "Scale: Cover the plant thorou spray, including trunks, stems "Scale: Cover the plant thorou spray, including trunks, stems	Pests Rate	f Lambda Select per 100 gallons	Instructions
Boxelder bugs Budworms California Oakworms California Oakworms Cankerworms Cockroaches Crickets Crickets Cutworms Eastern tent caterpillars Elm leaf beetles European sawflies Forest tent caterpillars Gypsy moth larvae June beetles (adult) June beetles (adult) Lace bugs Leaf-feeding caterpillars Leaf hoppers Leaf skeletonizers Midges Mosquitoes Oleander moth larvae Pillbugs Good spray coverage is neck most effective level of control waxy, hard-to-wet foliage, ad at recommended rates to enl insects. For spot treatments, use 0.4-per 1-2.5 gallons of water. Apply at 7-day intervals if rett per 1-2.5 gallons of water. Apply at 7-day intervals if rett control year tent on 0.36 ingredient (46 fl. oz. of production of production time in your state university extension Service office for supplication timing in your are supplic	s prpillars	(38-128 mL) ins Re un	degin application to ornamentals before high assect pest populations become established. It is a necessary to keep pest populations ander control, using higher rates as pest pressure acreases.
Crickets Cutworms Eastern tent caterpillars Elm leaf beetles European sawflies For spot treatments, use 0.4 per 1-2.5 gallons of water. Apply at 7-day intervals if return to apply more than 0.36 ingredient (46 fl. oz. of productions) from the production of the pr	ogs Dakworms ms	m wa at	Good spray coverage is necessary to provide the nost effective level of control. For ornamentals with vaxy, hard-to-wet foliage, add a spreader-sticker t recommended rates to enhance the control of asects.
Elm leaf beetles European sawflies Fall webworms Fall webworms Forest tent caterpillars Gypsy moth larvae Japanese beetles (adult) June beetles (adult) Lace bugs Leaf-feeding caterpillars Leafhoppers Leaf rollers Leaf skeletonizers Midges Mosquitoes Oleander moth larvae Pillbugs Do not apply more than 0.36 ingredient (46 fl. oz. of productions) Consult your state university Extension Service office for sapplication timing in your are supplication timing in your are suppli			or spot treatments, use 0.44 fl. oz. Lambda Select er 1-2.5 gallons of water.
European sawflies Fall webworms Flea beetles Forest tent caterpillars Gypsy moth larvae Japanese beetles (adult) June beetles (adult) Lace bugs Leaf-feeding caterpillars Leafhoppers Leafminers, (adult) Leaf rollers Leaf skeletonizers Midges Mosquitoes Oleander moth larvae Pillbugs Do not apply more than 0.36 ingredient (46 fl. oz. of productions) ingredient (46 fl.	•	Ap	pply at 7-day intervals if retreatment is necessary.
Forest tent caterpillars Gypsy moth larvae Japanese beetles (adult) June beetles (adult) Lace bugs Leaf-feeding caterpillars Leafhoppers Leafminers, (adult) Leaf rollers Leaf skeletonizers Midges Mosquitoes Oleander moth larvae Figure 2 Consult your state university Extension Service office for sapplication timing in your are Bagworm: Apply Lambda Select was begin to hatch and spray directly control will be best if the land spray directly control will be	awflies		o not apply more than 0.36 lb. of the active agredient (46 fl. oz. of product) per acre per year.
June beetles (adult) Lace bugs Leaf-feeding caterpillars Leafhoppers Leafminers, (adult) Leaf rollers Leaf skeletonizers Midges Mosquitoes Oleander moth larvae Pillbugs IBagworm: Apply Lambda Select was begin to hatch and spray directory begin to hatch and spray directory begin to hatch and spray directory and in the land spray directory and in th	caterpillars h larvae	Ex	Consult your state university or local Cooperative extension Service office for specific pest control pplication timing in your area.
Leafminers, (adult) Leaf rollers Leaf skeletonizers Midges Mosquitoes Oleander moth larvae Pillbugs	g caterpillars	be	lagworm: Apply Lambda Select when bag-worm larvae egin to hatch and spray directly on the larvae. Control will be best if the larvae are young.
Pine sawflies	onizers sonoth larvae		icale: Cover the plant thoroughly with Lambda Select pray, including trunks, stems, twigs, and foliage.
Pine shoot beetles (continued)			

(continued)





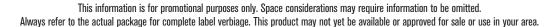


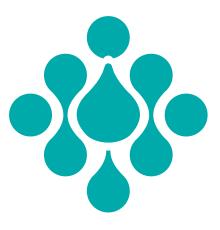


ORNAMENTALS (Continued)

Pests (Continued)	Rate of Lambda Select per 100 gallons	Instructions
Pinetip moths Plant bugs Root weevils Sawflies Scale insects (crawlers)² Spiders Spittlebugs Striped beetles Striped oakworms Thrips Tip moths Tussock moth larvae Wasps	1.3-4.4 fl. oz. (38-128 mL)	Begin application to ornamentals before high insect pest populations become established. Reapply as necessary to keep pest populations under control, using higher rates as pest pressure increases. Good spray coverage is necessary to provide the most effective level of control. For ornamentals with waxy, hard-to-wet foliage, add a spreader-sticker at recommended rates to enhance the control of insects. For spot treatments, use 0.44 fl. oz. Lambda Select per 1-2.5 gallons of water. Apply at 7-day intervals if retreatment is necessary.
Broadmites Brown softscales California redscales (crawler) Clover mites Mealybugs Pine needlescales (crawler) Spider mites Whiteflies	2.6-4.4 fl. oz. (75-128 mL)	Do not apply more than 0.36 lb. of the active ingredient (46 fl. oz. of product) per acre per year. Consult your state university or local Cooperative Extension Service office for specific pest control application timing in your area. 'Bagworm: Apply Lambda Select when bag-worm larvae begin to hatch and spray directly on the larvae. Control will be best if the larvae are young. 'Scale: Cover the plant thoroughly with Lambda Select spray, including trunks, stems, twigs, and foliage.









TURFGRASS

Sod Farms

Lawns around Residential, Institutional, Public, Commercial, and Industrial Buildings, Parks, Recreational Areas, Golf Courses, and Athletic Fields, Golf Course and Athletic Field Turf

Pests	Amount of Lambda Select	Instructions
Ants (Including Imported fire ants) Armyworms Centipedes Crickets Cutworms Earwig	2.9-6 ml/1,000 sq. ft. (4.4-8.8 fl. oz./A)	Begin application to turf before the establishment of high insect pest populations and before significant turf damage has occurred. Reapply as necessary to keep pest populations under control, using higher rates as pest pressure increases.
Fleas (adult)		Apply at 7-day intervals if retreatment is necessary.
Grasshoppers Japanese beetles (adult) Millipedes		Do not apply more than 0.36 lb. of active ingredient (46 fl. oz. of product) per acre per year.
Mites Pillbugs Sod webworms		For spot treatments, use 0.44 fl. oz. of Lambda Select per 1-2.5 gals. of water.
Sow bugs Ticks (including species which transmit Lyme disease)		Do not apply when turfgrass is waterlogged or when soils are saturated with water (i.e., will not accept irrigation).
Bluegrass billbugs (adult) Black turfgrass ataenius (adult)	6 ml/1,000 sq. ft. (8.8 fl. oz./A)	Keep children and pets off treated areas until spray has dried following the application.
Chiggers Fleas (adult) Grub (suppression) Hyperodes weevils (adult) Mole crickets (nymphs and Young adults)		See additional instructions below for specific pests.
Chinch bugs Mole crickets (mature adults) (Not for use on mature adult mole crickets and chinch bugs in New York State)	12 ml/1,000 sq. ft. (17.6 fl. oz./A)	

Armyworms, cutworms, fleas, and other Surface Insects: For best results, apply Lambda Select at recommended rates in 2-5 gals. of water per 1,000 sq. ft. If high rainfall amounts are forecast, a spreader-sticker may be useful; otherwise the addition of adjuvants is not necessary under normal conditions for surface insect control in turf. Delay watering or mowing for 12-24 hours for optimum control of surface-feeding insect pests.

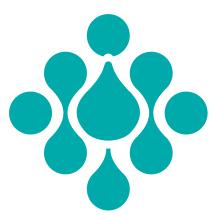
Chinch bugs, billbugs, and other Thatch Inhabiting Insects: For best results apply Lambda Select at recommended rates in 2-10 gals. of water per 1,000 sq. ft. The use of a nonionic wetting agent, penetrant, or similar adjuvant is recommended at label rates. Irrigate lightly after application with up to 1/2 inch of water to move the Lambda Select into the thatch layer. If irrigation is not available, then use high water application rates for optimum results.

Mole crickets, grubs, and other Subsurface Insects: For best results apply Lambda Select at recommended rates in 4-10 gals. of water per 1,000 sq. ft. The use of a nonionic wetting agent, penetrant, or similar adjuvant is strongly recommended following label rates. Use the highest water application rates possible with your sprayer. Apply Lambda Select to turf which is wet with dew, rain, or irrigation. Water-in immediately after application with 1/4 -1/2 inch of water for optimum results.

Fire Ants: Treat individual mounds with a drench application by means of a watering can. Use 0.32 fl. oz. of Lambda Select per 2.5 gals. of water. Thoroughly soak each mound as well as a 3 ft. diameter circle around each mound. Apply the mixture gently to avoid disturbing the mound; disturbing the mound may cause the ants to migrate and reduce the effectiveness of the treatment. For best results, apply in early morning or late evening hours. Make additional treatments if necessary, but not more than every 7 days.

Mosquitoes: Apply as a general spray around landscape plantings, turf, and building foundations to control mosquitoes. For best results, apply Lambda Select at recommended rates in 2-5 gals. of water per 1,000 sq. ft.







INSECTICIDE

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area.

Pesticide Disposal: Pesticide wastes are acutely hazardous. 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 at the nearest EPA Regional Office for guidance.

Container Handling:

Nonrefillable container. Do not reuse or refill this container.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

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.

IMPORTANT INFORMATION - READ BEFORE USING PRODUCT CONDITION 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. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SELECT SOURCE LLC or Seller. To the extent consistent with state law all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SELECT SOURCE LLC and Seller harmless for any claims relating to such factors.

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