86461-15 05/10/2011 1/84

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:	Date of Issuance:
86461-15	05/10/2011

Term of Issuance: Conditional

Name of Pesticide Product: Lambda-Cyhalothrin 13% EC Insecticide

NOTICE OF PESTICIDE:
x Registration
Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

TF Holdings I, LLC
P.O. Box 405
Platte City, MO 80547

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for the registration review of your product.

2. Make the following labeling changes before you release the product for shipment:
   a. Revise the EPA Registration Number to read: "EPA Registration No. 86461-15"

Signature of Approving Official:	Date:
for Mark Suarez Product Manager (RM 10) Insecticide Branch Registration Division (MC 7505P)	May 10, 2011

3. Submit to the Agency, data on one year storage stability testing (830.6317), conducted concurrently with the corrosion characteristics study (830-6320) at 0, 3, 6, 9 and 12 months of warehouse storage.
4. Submit final printed label bearing the above stated revisions prior to releasing this product for sale.

Please note that this Notice of Registration was issued with the understanding that you will ensure that the labeling for this product is consistent with that of the me-too product (Lambda-CY AG Gold; EPA Reg. No. 83222-11) and other identical EPA registered products. If you fail to comply with the above stated conditions, this registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes your acceptance of these conditions.

See enclosed stamped label for your records. If you have any questions concerning this action, please contact Dr. B. A. Akinlosotu at (703) 605-0653.

Enclosure:
*Label, Stamped "**Accepted with Comments**"*

3/34

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.

GROUP **3** **INSECTICIDE**

LAMBDA-CYHALOTHRIN 13% EC INSECTICIDE

FOR CONTROL OF FOLIAGE FEEDING INSECTS ON LISTED CROPS

ACTIVE INGREDIENT:	
Lambda-cyhalothrin[1]	
[1α(*S**),3 α (*Z*)]-(±)-cyano-(3-phenoxyphenyl)methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate.....	13.0%
OTHER INGREDIENTS[2]:	87.0%
TOTAL:.....	100.0%

[1]Contains 1 pound of Lambda-Cyhalothrin per gallon
[2]Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN

DANGER – PELIGRO

PRECAUCION AL USUARIO: Si usted no puede leer o entender ingles, no use este product hasta que la etiqueta le haya sido explicada ampliamente.
(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300

EPA REG. NO. 86461-(XXX) **EPA EST. NO. XXXXX-XX-XX**

NET CONTENTS _____GALS.

ACCEPTED
With COMMENTS
In EPA Letter Dated:
MAY 10 2011
Under the Federal Insecticide, Fungicide and Rodenticide Act, As amended, for the pesticide Registered under EPA Reg. No:
86461-15

MANUFACTURED FOR:
TF HOLDINGS I, LLC
P.O. BOX 405
PLATTE CITY, MO 80547

FIRST AID	
IF ON SKIN OR CLOTHING	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES	• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED	• Call a poison control center or doctor immediately for treatment advice. • **DO NOT** 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 INHALED	• Move the person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies call Prosar 24 hours a day at 1-877-250-9291.	
NOTE TO PHYSICIAN Contains petroleum distillate – vomiting may cause aspiration pneumonia.	

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER / PELIGRO

Corrosive. Causes skin burns. May be fatal if swallowed or inhaled. Causes substantial but temporary eye injury. Do not get in eyes, on skin or clothing. Do not breathe vapor or spray mist. Harmful if absorbed through skin. Wear protective clothing, gloves, eyewear (goggles, face shield, or safety glasses) and respirator as indicated under Personal Protective Equipment. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

Prolonged or repeated skin contact may cause allergic reactions in some individuals. Skin exposure may also result in a sensation described as tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

Personal Protective Equipment (PPE)

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

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants.
- Chemical-resistant glovbes, such as barrier laminate, nitrile rubber, neoprene rubber, or Viton® ≥ 14 mils.
- Chemical-resistant footwear plus socks.
- Protective eyewear.
- Chemical-resistant headgear for overhead exposure.
- Chemical-resistant apron when cleaning equipment, mixing, or loading.
- For exposures in enclosed areas, use a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P, or HE filter.
- For exposures outdoors, use a NIOSH approved respirator with any R, P, or HE filter.

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 exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

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

User should:

- Wash hands thoroughly with soap and water after handling and 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 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 invertebrates 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 LIQUID. Do not use or store near heat or open flame.

DIRECTIONS FOR USE

Restricted Use Pesticide

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

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.

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

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:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves, such as nitrile rubber, butyl rubber, barrier laminate, or Viton® ≥ 14 mils
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headwear for overhead exposure

USE REQUIREMENTS AND PRECAUTIONS

Thorough crop coverage is necessary for control of listed pests. Apply with ground or air application equipment in sufficient water to insure full coverage of foliage. For Row Crops: apply in a minimum of 2 gallons per acre by air or 10 gallons per acre by ground unless otherwise specified on this label. For Orchard and Vine Crops: apply by ground in a minimum of 50 gallons per acre or by air in a minimum of 10 gallons per acre unless otherwise specified on this label. When foliage is dense or pest pressure is high (heavier insect or egg pressure, larger larval stages), the use of higher application volumes and/or higher use rates may improve initial and residual control.

For cutworm control, Lambda-Cyhalothrin 13% EC Insecticide may be applied before, during, or after planting. For soil incorporated applications, use higher rates for improved control.

RESISTANCE MANAGEMENT

This product contains a Group 3 Insecticide (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.

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 this product 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

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 or 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.

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

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

Buffer Zone for ULV Aerial Application

Do not apply within 450 feet of aquatic habitats (such as, but not limited to, lakes; reservoirs; rivers; permanent streams; marshes; natural ponds; estuaries; and commercial fish ponds).

Buffer Zone for Non-ULV Aerial Application

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

SPRAY DRIFT REQUIREMENTS

Wind Direction and Speed

Only apply this product if the wind direction favors on-target deposition.

Do not apply when the wind velocity exceeds 15 mph.

Temperature Inversion

Do not make aerial or ground applications into temperature inversions.

Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

Droplet Size

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

Additional Requirements for Ground Applications

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

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

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

Additional Requirements for Aerial Applications

The spray boom should be mounted on the aircraft as to minimize drift caused by wingtip or rotor vortices.

The minimum practical boom length should be used and must not exceed 75% of the wing span or 80% rotor diameter.

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

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

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

CHEMIGATION

Sprinkler Irrigation Application

Apply this product at rates and timing described in the **Crop Specific Use Directions** provided on this label. As local recommendations differ, consult your local State Extension Service or other local experts for recommendations on adjuvant or diluent types, rates and mixing instructions.

Check the irrigation system to insure uniform application of water to all areas. Thorough coverage of foliage is required for good control. Good agitation in the pesticide supply tank should be maintained prior to and during the entire application period.

Apply by injecting the recommended rate of this product into the irrigation system using a metering device that will introduce a constant flow and by distributing the product to the target area in 0.1-0.2 acre inch of water. In general, use the least amount of water required for proper distribution and coverage. It is recommended that the product be injected into the main irrigation line ahead of a right angle turn in the line to insure adequate dispersion or mixing in the irrigation water. Once the application is completed, flush the entire irrigation and injection system with clean water before stopping the system.

In addition to the above recommendations, if application is being made during a normal irrigation set of a stationary sprinkler, the recommended rate of this product for the area covered should be injected into the system only during the end of the irrigation set for sufficient time to provide adequate coverage and product distribution.

It is not recommended that this product 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 non-uniform 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-source contamination from backflow.
G. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back 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. Any alternatives to the above required safety devices must conform to the list of EPA-approved alternative devices.
M. Do not apply when wind speed favors drift beyond the area intended for treatment or non-uniform distribution of treated water.
N. Do not apply through chemigation systems connected to public water systems.

SPECIFIC USE RESTRICTIONS & LIMITATIONS
AGRICULTURAL USES

ALFALFA & ALFALFA GROWN FOR SEED		
Pests	**Lbs. AI / Acre**	**Fluid ounces/Acre**
For control of: Alfalfa Caterpillar Army Cutworm Cutworm species Green Cloverworm Leafhopper species Looper species Threecornered Alfalfa Hopper Velvetbean Caterpillar Webworm species	0.015 – 0.025	1.92 – 3.20
Alfalfa Seed Chalcid (Adult) Alfalfa Weevil Armyworm Bean Leaf Beetle (Adult) Blister Beetle species Blue Alfalfa Aphid Clover Leaf Weevil species Clover Root Borer (Adult) Clover Root Curculio species (Adult) Clover Stem Borer (Adult) Corn Earworm Cowpea Aphid Cowpea Curculio (Adult) Cowpea Weevil (Adult) Cucumber Beetle species (Adult) Egyptian Alfalfa Weevil Fall Armyworm[1] Grape Colaspis (Adult) Grasshopper species Green June Beetle (Adult) Green Peach Aphid[3] Japanese Beetle (Adult) Meadow Spittlebug Mexican Bean Beetle Pea Aphid Pea Weevil (Adult) Plant Bug species including Lygus species3 Spotted Alfalfa Aphid Stink Bug species Sweet Clover Weevil (Adult) Thrips species[4] Western Yellowstriped Armyworm Whitefringed Beetle species (Adult) Yellowstriped Armyworm	0.02 – 0.03	2.56 – 3.84
Beet Armyworm[1,3] Blotch Leafminer[3] Spider Mites[2]	0.03	3.84
Application Methods		
Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold.		

Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. Apply in a minimum of 2 gals. Per acre by air or 10 gals. Per acre by ground. When foliage is dense and/or pest populations are high 5–10 gals. Per acre by air or 20 gals. Per acre by ground and higher use rates are recommended. Use higher rates for increased residual control.
Remarks
[1]Use higher rates for large larvae. [2]Suppression only. [3]See **Resistance** statement under **General Use Requirements and Precautions.** [4]Does not include Western Flower Thrips.
Restrictions
DO NOT apply 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. **DO NOT** apply more than 0.03 lb. a.i. (3.84 fl. oz. or 0.24 pts. of product) per acre per cutting. **DO NOT** apply more than 0.12 lb. a.i. (15.36 fl. oz. or 0.96 pts. of product) per acre per season. **DO NOT** apply within 1 day of harvest for forage or within 7 days of harvest for hay.

CANOLA		
Pests	**Lbs. AI / Acre**	**Fluid ounces/Acre**
For control of: Armyworm species Cabbage Seedpod Weevil Cutworm species Diamondback Moth Flea Beetle Grasshoppers Looper species Lygus Bug	0.015 – 0.03	1.92 – 3.84
Cabbage Aphid	0.03	3.84
Application Methods		
Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds. Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.		
Restrictions		
DO NOT apply within 7 days of harvest. **DO NOT** apply more than 0.09 lb. a.i. (11.52 fl. oz. or 0.72 pt. of product) per acre per year.		

CEREAL GRAINS: Field Corn, Sweet Corn, Popcorn, Seed Corn

AT PLANTING APPLICATION

Pests	Lbs. AI / Acre	Fluid ounces/Acre
For control of: Corn Rootworm Larvae: Mexican Northern Southern Western Cutworm species Lesser Cornstalk Borer Red Imported Fire Ant[1] Seedcorn Beetle Seedcorn Maggot White Grub species Wireworm species	0.005 lbs. a.i. per 1000 ft. of row[2]	0.66 fl. oz. per 1000 ft. of row[2]

Application Methods

Apply the specified dosage in a minimum of 3 gallons finished spray per acre using one of the following methods:

1. **In-Furrow Spray** – Apply into the seed furrow through spray nozzles or microtubes, behind the planter furrow openers and in front of the press wheel; OR
2. **Banded Spray** – Apply at planting as a 5-7 inch T-band spray across the open seed furrow between the furrow openers and the press wheels or as a band application behind the press wheel.

Remarks

[1] For Suppression Only

[2] **Lbs. a.i. and fl. oz. / Acre of this product applied at 0.66 fl. oz./1000 ft. of Row for Various Row Spacings**

Row Spacing	40"	38"	36"	34"	32"	30"
Linear Ft./ Acre	13,068	13,756	14,520	15,374	16,335	17,424
Lbs. a.i. / Acre	0.067	0.07	0.075	0.079	0.084	0.09
Fl. oz. / Acre	8.6	9.1	9.6	10.1	10,8	11.5

For cutworm control, this product may be applied before, during or after planting. For soil incorporated applications, use higher rates for improved control.

Restrictions

DO NOT harvest or graze livestock or cut treated crops for feed within 21 days of at plant application.

DO NOT apply more than 0.09 lb. a.i. (11.52 fl. oz. or 0.72 pt. of product) per acre per crop at plant.

For field corn, popcorn, and seed corn **DO NOT** apply more than 0.12 lb. a.i. (15.36 fl. oz. or 0.96 pt. of product) per acre per crop from at plant and foliar applications.

For sweet corn **DO NOT** apply more than 0.48 lb. a.i. (61.44 fl. oz. or 3.84 pt. of product) per acre per crop from at plant and foliar applications.

CEREAL GRAINS: Field Corn, Popcorn, Seed Corn

FOLIAR APPLICATIONS

Pests	Lbs a.i. / Acre	Fluid ounces/Acre
For control of: Corn Earworm[1] Cutworm species Green Cloverworm Meadow Spittlebug Western Bean Cutworm[1]	0.015 – 0.025	1.92 – 3.20
Armyworm[2] Bean Leaf Beetle Bird Cherry-Oat Aphid[3] Cereal Leaf Beetle Corn Leaf Aphid[3] Corn Rootworm Beetle (Adult): Mexican Northern Southern Western English Grain Aphid[3] European Corn Borer[1] Fall Armyworm[2] Flea Beetle species Grasshopper species Hop Vine Borer[1] Japanese Beetle (Adult) Lesser Cornstalk Borer Sap Beetle (Adult) Seedcorn Beetle Southwestern Corn Borer[1] Stalk Borer[1] Stink Bug species Tobacco Budworm[1,4] Webworm species Yellowstriped Armyworm[2]	0.02 – 0.03	2.56 – 3.84
Beet Armyworm[4] Chinch Bug Greenbug[3,4] Mexican Rice Borer[1] Rice Stalk Borer[1] Southern Corn Leaf Beetle[3] Sugarcane Borer[1]	0.03	3.84

Application Methods

Apply as required by scouting, or locally prescribed corn growth stages, usually at intervals of 7 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds or other locally recommended methods and should be targeted for control before insects enter the stalk or ear.

Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage and ears (if present). When applying by air, apply in a minimum of 2 gallons of water per acre.

Remarks

[1] For control before the larva bores into the plant stalk or ear.

[2] Use higher rates for large larvae.

Suppression only.

[4] See **Resistance** statement under **General Use Requirements and Precautions**.

For chinch bug control, begin applications when bugs migrate from small grains or grass weeds to small corn. Direct spray to the base of corn plants. Repeat applications at 3-5-day intervals if needed. This product may only suppress heavy infestations and/or subsequent migrations.

For control of adult corn rootworm beetles (*Diabrotica* species) as part of an aerial applied corn rootworm control program use a minimum of 0.03 lb. a.i. (3.84 fl. oz. of product) per acre.

Restrictions

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 last 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. (15.36 fl. oz. or 0.96 pts. of product) per acre per crop from at plant and foliar applications.
DO NOT apply more than 0.06 lb. a.i. (7.68 fl. oz. or 0.48 pts. of product) per acre after silk initiation.
DO NOT apply more than 0.03 lb. a.i. (3.84 fl. oz. or 0.24 pts. of product) per acre after corn has reached the milk stage (yellow kernels with milky fluid).

CEREAL GRAINS: Sweet Corn

FOLIAR APPLICATIONS

Pests	Lbs. AI / Acre	Fluid ounces/Acre
For control of: Aphid species[2,3] Armyworm[1] Aster Leafhopper Beet Armyworm[1,3] Chinch Bug Common Cornstalk Borer Corn Earworm Corn Rootworm Beetle (Adult): Mexican Northern Southern Western Cutworm species European Corn Borer Fall Armyworm[1] Flea Beetle species Grasshopper species Japanese Beetle (Adult) Sap Beetle (Adult) Southern Armyworm[1] Southwestern Corn Borer Spider Mite species[2] Stink Bug species Tarnished Plant Bug Webworm species Western Bean Cutworm Yellowstriped Armyworm[1]	0.02 – 0.03	2.56 – 3.84
Corn Silkfly (Adult)[2]	0.03	3.84

Application Methods

Apply as required by scouting, or locally prescribed corn growth stages, usually at intervals of 4 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds or other locally recommended methods and should be targeted for control before insects enter the stalk or ear.

Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage and ears (if present). When applying by air, apply in a minimum of 2 gallons of water per acre.

Remarks
[1]Use higher rates for large larvae. [2]Suppression only. [3]See **Resistance** statement under **General Use Requirements and Precautions**.
For control of adult corn rootworm beetles (*Diabrotica* species) as part of an aerial applied corn rootworm control program use a minimum of 0.025 lb. a.i. (3.20 fl. oz. of product) per acre.
Restrictions
DO NOT apply within 1 day 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 last 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 0.48 lb. a.i. (61.44 fl. oz. or 3.84 pts. of product) per acre per crop from at plant and foliar applications.

CEREAL GRAINS: Rice & Wild Rice

Pests	Lbs. AI / Acre	Fluid ounces/Acre
For control of: Bird Cherry-Oat Aphid Chinch Bug Fall Armyworm Grasshopper species Greenbug Leafhopper species Rice Stink Bug Rice Water Weevil (Adult) Sharpshooter species True Armyworm Yellow Sugarcane Aphid Yellowstriped Armyworm	0.025 – 0.04	3.20 – 5.12
European Corn Borer[1] Mexican Rice Borer[1] Rice Seed Midge[1] Rice Stalk Borer[1] Sugarcane Borer[1]	0.03 – 0.04	3.84 – 5.12

Application Methods

Apply as required by scouting. Timing and frequency of application should be based upon insect populations reaching locally determined economic thresholds. Determine the need for repeat applications, usually at intervals of 5-7 days, by scouting.

Apply by air or by ground equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water (or a total carrier volume) per acre but ensure sufficient volume is used to provide adequate coverage. In addition, adding an emulsifiable crop oil (e.g., 1 pt. per acre) when lower aerial application volumes are used is recommended to help improve coverage, reduce evaporation, and improve efficacy.

Remarks

[1] For control before the larvae bores into the plant stalk.

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** exceed 10 days from starting permanent flood until insecticide application unless scouting indicates weevils have not been previously present. Adults may also be treated 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 0.5 inch above the waterline. Under conditions of prolonged migration into the field, start field scouting for rice water weevil adults and/or feeding scars 3-5 days after the initial treatment and, if needed, apply a second application within 7-10 days of the first application. Adults may also be treated at later stages of rice development to reduce overwintering populations.

California: In addition to above directions for control of rice water weevil in water seeded rice, this product may be applied at the 1-3 leaf growth stage, with the majority at the 2 leaf growth stage. Adults are vulnerable on levees and in the water. Larvae are vulnerable while feeding on the leaf prior to entering the soil. Monitor for adults, based upon field history and density of population. Monitor field edges and levee areas for adults. Treat in the following manner: a) spray the inside perimeter of the field, or b) spray the entire field.

Greenbug is known to have many biotypes. This product may only provide suppression. If satisfactory control is not achieved with the first application of this product, a resistant biotype may be present. Use alternate chemistry for control.

For control of stem borers: scout fields, when rice growth is near panicle differentiation, for early symptoms of damaging populations 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.

Restrictions

DO NOT release flood water within 7 days of an application.
DO NOT apply more than 0.12 lb. a.i. (15.36 fl. oz. or 0.96 pt. of product) per acre per season.
DO NOT apply more than 0.04 lb. a.i. (5.12 fl. oz. or 0.32 pt. of product) per acre within 21 to 27 days of harvest.
DO NOT apply within 21 days of harvest.
DO NOT use treated rice fields for the aquaculture of edible fish and Crustacea.
DO NOT apply as an ultra-low volume (ULV) spray.
Mixers/loaders supporting aerial applications to wild rice at a rate of 0.04 lb ai per acre, and treating 1200 acres (or more) per day must wear a dust-mist respirator.

CEREAL GRAINS: Sorghum (Grain)

Pests	Lbs. AI / Acre	Fluid ounces/Acre
For control of: Cutworm species Sorghum Midge	0.015 – 0.02	1.92 – 2.56
Armyworm Beet Armyworm[3] Corn Earworm European Corn Borer[2] Fall Armyworm[1] Flea Beetle species Grasshopper species Lesser Cornstalk Borer[2] Southwestern Corn Borer[2] Stink Bug species Webworm species Yellowstriped Armyworm[1]	0.02 – 0.03	2.56 – 3.84
Chinch Bug Mexican Rice Borer[2] Rice Stalk Borer[2] Sugarcane Borer[2]	0.03	3.84

Application Methods

Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.

Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of target location. When applying by air, apply in a minimum of 2 gallons of water per acre.

Remarks

[1]Use higher rates for large larvae.
[2]For control before the larva bores into the plant stalk.
[3]See **Resistance** statement under **General Use Requirements and Precautions.**

For sorghum midge control: begin applications when 25% of the sorghum heads have emerged and are in tip bloom. Repeat applications at 5-day intervals if needed.

For chinch bug control: begin applications when bugs migrate from small grains or grass weeds to small sorghum. Direct spray to the base of sorghum plants. Repeat applications at 3-5-day intervals if needed. This product may only suppress heavy infestations and/or subsequent migrations.

Restrictions

DO NOT apply more than 0.08 lb. a.i. (10.24 fl. oz. or 0.64 pt. of product) per acre per season.
DO NOT apply more than 0.06 lb. a.i. (7.68 fl. oz. or 0.48 pt. of product) per acre per season after crop emergence.
DO NOT apply more than 0.02 lb. a.i. (2.56 fl. oz. or 0.16 pt. of product) per acre per season once crop is in soft dough stage.
DO NOT apply within 30 days of harvest.

CEREAL GRAINS: Barley, Buckwheat, Oats, Rye, Triticale, Wheat, Wheat Hay

Pests	Lbs. AI / Acre	Fluid ounces/Acre
For control of: Army Cutworm Cutworm species	0.015 – 0.025	1.92 – 3.20
Armyworm Bird Cherry-Oat Aphid[1] Cereal Leaf Beetle English Grain Aphid[1] Fall Armyworm Flea Beetle species Grasshopper species Hessian Fly[4] Orange Blossom Wheat Midge Russian Wheat Aphid[1] Stink Bug species Yellowstriped Armyworm	0.02 – 0.03	2.56 – 3.84
Grass Sawfly	0.025 – 0.03	3.20 – 3.84
Chinch Bug Corn Leaf Aphid[2] Greenbug[1,3] Mite species[2]	0.03	3.84

Application Methods

Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.

Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.

Remarks

[1] Best control is obtained before insects begin to roll leaves. Once crop has started to boot, this product may provide suppression only. Higher rates and increased coverage will be necessary.

[2]Suppression only.

[3]See **Resistance** statement under **General Use Requirements and Precautions**

[4]Make applications when adults emerge.

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

Greenbug is known to have many biotypes. This product may provide suppression only. In this situation, a second application using an alternative chemistry may be needed.

Restrictions

DO NOT apply within 30 days of harvest.

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.

DO NOT feed treated straw to meat or dairy animals within 30 days after the last treatment.

DO NOT apply more than 0.06 lb. a.i. (7.68 fl. oz. or 0.48 pts. of product) per acre per season.

COLE CROPS (HEAD & STEM BRASSICA): Broccoli, Brussels Sprouts, Cabbage, Cavalo Broccolo, Cauliflower, Chinese Broccoli (gai lon), Chinese Cabbage (napa), Chinese Mustard Cabbage (gai choy), Kohlrabi

Pests	Lbs. AI / Acre	Fluid ounces/Acre
For control of: Alfalfa Looper Cabbage Looper Cabbage Webworm Cutworm species Imported Cabbageworm Southern Cabbageworm	0.015 – 0.025	1.92 – 3.20
Aphid species[2,3] Armyworm Beet Armyworm[1,3] Corn Earworm Diamondback Moth[3] Fall Armyworm[1] Flea Beetle species Grasshopper species Japanese Beetle (Adult) Leafhopper species Meadow Spittlebug Plant Bug species including Lygus species[3] Spider Mite species[2] Stink Bug species Thrips species[2] Vegetable Weevil (Adult) Whitefly species[2,3] Yellowstriped Armyworm	0.02 – 0.03	2.56 – 3.84

Application Methods

Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.

Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water / acre.

Remarks

[1]For control of first and second instar only.
[2]Suppression only.
[3]See **Resistance** statement under **General Use Requirements and Precautions**.

Under light bollworm/budworm infestation levels: 0.02 lb. a.i. (2.56 fl. oz. of product) per acre may be applied in conjunction with intense field monitoring.

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

When applied according to label directions **for control of cotton bollworm and tobacco budworm**, this product also provides ovicidal control of unhatched *Heliothine* species eggs.

Restrictions

DO NOT apply within 1 day of harvest.

DO NOT apply more than 0.24 lb. a.i. (30.72 fl. oz. or 1.92 pt. of product) per acre per season.

COTTON		
Pests	**Lbs. AI / Acre**	**Fluid ounces/Acre**
For control of: Cutworm species Soybean Thrips Tobacco Thrips	0.015 – 0.02	1.92 – 2.56
Cabbage Looper Cotton Fleahopper Cotton Leafperforator Cotton Leafworm Lygus Bug species3 Pink Bollworm Saltmarsh Caterpillar	0.02 – 0.03	2.56 – 3.84
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 Sweetpotato Whitefly[2,3] Tobacco Budworm[3] Twospotted Spider Mite[2]	0.025 – 0.04	3.20 – 5.12

Application Methods

Apply as required by scouting, usually at intervals of 5 – 7 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.

Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage.

Applications may also be made with equipment adapted and calibrated for ULV sprays. This product may be mixed with once-refined vegetable oil and applied in a minimum of at least one (1) quart of finished spray/A.

Remarks

[1]For control of first and second instar only.
[2]Suppression only.
[3]See **Resistance** statement under **General Use Requirements and Precautions**.

Under light bollworm/budworm infestation levels: 0.02 lb. a.i. (2.56 fl. oz. of product) per acre may be applied in conjunction with intense field monitoring.

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

When applied according to label directions **for control of cotton bollworm and tobacco budworm**, this product also provides ovicidal control of unhatched *Heliothine* species eggs.

Restrictions

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. (25.6 fl. oz. or 1.6 pt. of product) per acre per season.

DO NOT make more than a total of 10 synthetic pyrethroid applications (of one product or combination of products) to a cotton crop in one growing season.

CUCURBIT VEGETABLES: including Chayote (fruit), Chinese Waxgourd (Chinese preserving melon), Citron Melon, Cucumber, Gherkin, Gourds (edible): *Lagenaria* species – includes: hyotan, cucuzza, *Luffa acutangula, L. cylindrical* – includes: hechima, Chinese okra; *Momordica* species – includes: balsam apple, balsam pear, bitter melon, Chinese cucumber; Muskmelons (hybrids and/or cultivars of *Cucumis melo*) – includes: true cantaloupe, cantaloupe, casaba, Crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, snake melon; Pumpkin, Squash, summer (*Cucurbita pepo* var. *melopepo*) – includes: crookneck squash, scallop squash, straightneck squash, vegetable marrow, Zucchini Squash, winter (*Cucurbita maxima; C. moschata*) – includes butternut squash, calabaza, hubbard squash (*C. mixta; C. pepo*) – includes: acorn squash, spaghetti squash Watermelon – includes: hybrids and/or varieties of *Citrulius lanatus*

Pests	Lbs. AI / Acre	Fluid ounces/Acre
For control of: Armyworm species[1] Blister Beetle species Cabbage Looper Corn Earworm Cricket species Cucumber Beetle species (adults) Cutworm species Flea Beetle species Grasshopper species June Beetle species Leaffooted Bug Leafhopper species Lygus Bug species[1] Melonworm Pickleworm Plant Bug species Rindworm species complex Saltmarsh Caterpillar Squash Beetle Squash Bug species Squash Vine Borer species Stink Bug species Thrips species[1,2] Tobacco Budworm[1] Webworm species	0.02 – 0.03	2.56 – 3.84
Aphid species[1] Leafminer species[1,3] Whitefly species[1,3] Spider Mite species[3]	0.03	3.84

Application Methods

Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.

Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of all plant parts. When applying by air, apply in a minimum of 2 gallons total solution per acre. When applying by ground, a minimum of 10 gallons total solution per acre is recommended.

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

Remarks

[1] See **Resistance** statement under **General Use Requirements and Precautions**.

[2] Does not include Western Flower Thrips

[3] Suppression only.

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

Restrictions
DO NOT apply within 1 day of harvest.
DO NOT apply more than 0.18 lb. a.i. (23 fl. oz. or 1.44 pt. of product) per acre per season.

FRUITING VEGETABLES including Eggplant, Ground cherry, Pepino, Peppers (bell and nonbell), Tomatillo, Tomato		
Pests	**Lbs. AI / Acre**	**Fluid ounces/Acre**
For control of: Cabbage Looper Cutworm species Hornworm species	0.015 – 0.025	1.92 – 3.20
Aphid species[2,3] Beet Armyworm[1,3] Blister Beetle species Colorado Potato Beetle[3] Cucumber Beetle species (Adult) European Corn Borer[4] Fall Armyworm[1] Flea Beetle species Grasshopper species Japanese Beetle (Adult) Leafhopper species Leafminer species[2] Meadow Spittlebug Pepper Weevil (Adult)[2] Plant Bug species Southern Armyworm[1] Spider Mite species[2] Stalk Borer[4] Stink Bug species Thrips[5] Tobacco Budworm[3] Tomato Fruitworm Tomato Pinworm Tomato Psyllid[2,3] Vegetable Weevil (Adult) Whitefly species[2,3] Yellowstriped Armyworm[1]	0.02 – 0.03	2.56 – 3.84

Application Methods
Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.
Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water / acre.

Remarks
[1]For control of first and second instar only.
[2]Suppression only.
[3]See **Resistance** statement under **General Use Requirements and Precautions**.
[4] For control before the larva bores into the plant stalk or fruit.
[5] Does not include Western Flower Thrips

Restrictions
DO NOT apply within 5 days of harvest.
DO NOT apply more than 0.36 lb. a.i. (46.08 fl. oz. or 2.88 pt. of product) per acre per season.

GRASS, FORAGE, FODDER, and HAY: Pasture and Rangeland Grass, Grass Grown for Hay or Silage, and Grass Grown for Seed		
Pests	**Lbs. AI / Acre**	**Fluid ounces/Acre**
For control of: Army Cutworm Cutworm species Essex Skipper Range Caterpillar Striped Grass Looper	0.015 – 0.025	1.92 – 3.20
Beet Armyworm Billbug species[3] Bird Cherry-Oat Aphid[1] Black Grass Bug Black Turfgrass Beetle (adult) Blue Stem Midge Cereal Leaf Beetle Chinch Bug Crane Fly species Cricket species English Grain Aphid[1] Fall Armyworm Flea Beetle species Grass Mealybug Grass Sawfly (adult) Grasshopper species Green June Beetle (adult) Greenbug[1, 2] Japanese Beetle (adult) Katydid species Leafhopper species Mite species[3] Russian Wheat Aphid[1] Southern Armyworm Spittlebug species Stink Bug species Sugarcane Aphid Thrips species Ticks, except Deer ticks, which may transmit Lyme disease True Armyworm Webworm species Yellowstriped Armyworm	0.02 – 0.03	2.56 – 3.84

Application Methods

Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.

Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage.

When applying by air, apply in a minimum of 2 gallons total solution per acre.

When applying by ground, a minimum of 7 gallons total solution per acre is recommended.

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

Remarks

[1]Best control is obtained before insects begin to roll leaves.

See **Resistance** statement under **General Use Requirements and Precautions.**

[3]Suppression only.

For chinch bug control: this product may only suppress heavy infestations and/or migrations. In this situation, a second application using an alternative chemistry may be needed.

Greenbug is known to have many biotypes. This product may provide suppression only. In this situation, a second application using an alternative chemistry may be needed.

Restrictions

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. (3.84 fl. oz. or 0.24 pt. of product) per acre per cutting for pastures, rangeland and grasses grown for seed. A minimum re-treatment interval (RTI) of 30 days is required for pastures and rangeland receiving 0.03 lb. ai./A which have not been cut between applications.

DO NOT apply more than 0.09 lb. a.i. (11.52 fl. oz. or 0.72 pt. of product) per acre per season.

LEGUME VEGETABLES (Beans & Peas):

Edible Podded (Only) *Canavalia ensiformis* – jackbean; *Canavalia gladiate* – sword bean; *Glycine max* – soybean (immature seed)

Edible Podded, Succulent Shelled or Dried Shelled *Cajanus cajan* – Pigeon pea; *Phaseolus* species – includes: field, kidney, lima, navy, pinto, runner, snap, tepary and wax beans; *Pisum* species – includes: dwarf, edible–pod, English, field, garden, green, snow and sugar snap peas; *Vigna* species – includes: adzuki, asparagus, moth, mung, rice, urd and yardlong beans, black–eye pea, catjang, Chinese longbean, cowpea, Crowder pea, and Southern pea

Succulent Shelled or Dried Shelled *Vicia faba.* – broadbean (favabean)

Dried Shelled (Only) *Cicer arietimum* – chickpea (garbonzo bean)

Dried Shelled (Only) *Cyamopsis tetragonoloba* – guar; *Lablab pupureus* – Lablab bean (hyacinth bean); *Lupinus* species – includes: grain, sweet, white and sweet white lupines; *Lens esculata* – Lentils

Pests	Lbs. AI / Acre	Fluid ounces/Acre
For control of: Cutworm species Green Cloverworm Imported Cabbageworm Mexican Bean Beetle Saltmarsh Caterpillar Velvetleaf Caterpillar	0.015 – 0.025	1.92 – 3.20
Alfalfa Caterpillar Aphid species[4] Armyworm[2] Bean Leaf Beetle Bean Leafskeletonizer Blister Beetle species Corn Earworm Corn Rootworm Beetle species (Adult) Cucumber Beetle species (Adult) Curculio and Weevil species[1] (foliage and pod feeding adults and larvae) European Corn Borer Fall Armyworm[2] Flea Beetle species (Adult) Flea Hopper species Grasshopper species Japanese Beetle (Adult)	0.02 – 0.03	2.56 – 3.84

Leafhopper species Leaftier species Looper Species Meadow Spittlebug Painted Lady Butterfly (Larva) Plant Bug species including Lygus species[4] Stalk Borer[1] Stink Bug species Threecornered Alfalfa Hopper Thrips species[4,5] Tobacco Budworm[4] Webworm species		
Beet Armyworm[3,4] Leafminer species[3,4] Lesser Cornstalk Borer[3] Soybean Looper[3,4] Spider Mite species[3] Whitefly species[3,4]	0.03	3.84

Application Methods

Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.

Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.

Remarks

[1]For control before the larva bores into the plant stalk or pods.

[2]Use higher rates for large larvae.

[3]For suppression only.

[4]See **Resistance** statement under **General Use Requirements and Precautions**

[5]Does not include Western Flower Thrips.

Restrictions

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. (15.36 fl. oz. or 0.96 pts. of product) per acre per season.

For succulent and dried shelled peas and beans, **DO NOT** graze livestock in treated areas or harvest vines for forage or hay.

LEGUME VEGETABLES: Soybeans		
Pests	**Lbs. AI / Acre**	**Fluid ounces/Acre**
For control of: Bean Leaf Beetle Cabbage Looper Corn Earworm Corn Rootworm Beetle (Adult): Mexican Northern Southern Western Cutworm species Green Cloverworm Mexican Bean Beetle Painted Lady (Thistle) Caterpillar Potato Leafhopper	0.015 – 0.025	1.92 – 3.20

Saltmarsh Caterpillar Soybean Aphids[4] Threecornered Alfalfa Hopper Thrips species[5] Velvetbean Caterpillar Woollybear Caterpillar		
Armyworm[1] Blister Beetle species European Corn Borer Fall Armyworm[1] Grasshopper species Japanese Beetle (Adult) Plant Bug species Silverspotted Skipper Stink Bug species Tobacco Budworm[3] Webworm species Yellowstriped Armyworm[1]	0.025 – 0.03	3.20 – 3.84
Beet Armyworm[2,3] Lesser Cornstalk Borer[2] Soybean Looper[2,3] Spider Mite species[2]	0.03	3.84

Application Methods

Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.

Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage.

When applying by air, apply in a minimum of 2 gallons of water per acre.

Remarks

[1]Use higher rates for large larvae.
[2]Suppression only.
[3]See **Resistance** statement under **General Use Requirements and Precautions**.
[4]Use lower rates for early season applications and/or lighter populations.
[5]Does not include Western Flower Thrips.

For control of adult corn rootworm beetles (*Diabrotica* species) as part of an aerial-applied corn rootworm control program use a minimum of 0.02 lb. a.i (1.28 fl. oz. of product) per acre.

Restrictions

DO NOT graze or harvest treated soybean forage, straw, or hay for livestock feed.

DO NOT apply within 30 days of harvest.

DO NOT apply more than 0.06 lb. a.i. (7.68 fl. oz. or 0.48 pt. of product) per acre per season.

LETTUCE (Head & Leaf)		
Pests	**Lbs. AI / Acre**	**Fluid ounces/Acre**
For control of: Alfalfa Looper Cabbage Looper Cutworm species Green Cloverworm Imported Cabbageworm Saltmarsh Caterpillar	0.015 – 0.025	1.92 – 3.20

Aphid species[2,3] Armyworm Beet Armyworm[1,3] Corn Earworm Diamondback Moth[3] European Corn Borer Fall Armyworm[1] Flea Beetle species Grasshopper species Japanese Beetle (Adult) Leafhopper species Meadow Spittlebug Plant Bug species including Lygus species[3] Southern Armyworm Spider Mite species[2] Stink Bug species Tobacco Budworm[3] Vegetable Weevil (Adult) Whitefly species[2,3]	0.02 – 0.03	2.56 – 3.84

Application Methods

Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.

Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage.

When applying by air, apply in a minimum of 2 gallons of water per acre.

Remarks

[1]For control of the first and second instar only.
[2]Suppression only.
[3]See **Resistance** statement under **General Use Requirements and Precautions.**

Restrictions

DO NOT apply within 1 day of harvest.
DO NOT apply more than 0.3 lb. a.i. (38.4 fl. oz. or 2.4 pt. of product) per acre per season.

ONION (BULB) AND GARLIC

Pests	Lbs. AI / Acre	Fluid ounces/Acre
For control of: Cutworm species Leafminer species (Adult) Onion Maggot (Adult) Seedcorn Maggot (Adult)	0.015 – 0.025	1.92 – 3.20
Aphid species[2] Armyworm species[1] Flower Thrips[2,3] Onion Thrips3 Plant Bug species Stink Bug species Tobacco Thrips[3] Western Flower Thrips[2,3]	0.02 – 0.03	2.56 – 3.84

Application Methods

Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.

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

Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.
Remarks
[1]For control of the first and second instar only. [2]Suppression only. [3]See **Resistance** statement under **General Use Requirements and Precautions.**
For thrips control by aerial application: the addition of 1% COC v/v, ¼% NIS v/v or a silicone adjuvant (follow manufacturers use directions) may enhance the deposition of the spray and increase plant coverage.
Restrictions
DO NOT apply within 14 days of harvest. **DO NOT** apply more than 0.24 lb. a.i. (30.72 fl. oz. or 1.92 pt. of product) per acre per season.

PEANUTS		
Pests	**Lbs. AI / Acre**	**Fluid ounces/Acre**
For control of: Cutworm species Green Cloverworm Potato Leafhopper Rednecked Peanut Worm Threecornered Alfalfa Hopper Velvetbean Caterpillar	0.015 – 0.025	1.92 – 3.20
Bean Leaf Beetle Corn Earworm Fall Armyworm[1] Grasshopper species Southern Corn Rootworm (Adult) Stink Bug species Tobacco Thrips Vegetable Weevil Whitefringed Beetle (Adult)	0.02 – 0.03	2.56 – 3.84
Aphid species[2] Beet Armyworm[2,3] Lesser Cornstalk Borer[2] Soybean Looper[2,3] Spider Mite species[2]	0.03	3.84
Application Methods		
Apply as required by scouting, usually at intervals of 7 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds. Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.		
Remarks		
[1]Use higher rates for large larvae. [2]Suppression only. [3]See **Resistance** statement under **General Use Requirements and Precautions.**		
Restrictions		
DO NOT apply within 14 days of harvest. **DO NOT** apply more than 0.12 lb. a.i. (15.36 fl. oz. or 0.96 pt. of product) per acre per season.		

POME FRUITS: Apple, Crabapple, Loquat, Mayhaw, Oriental Pear, Pear, Quince

Pests	Lbs. AI / Acre	Fluid ounces/Acre
For control of: Apple Aphid Apple Maggot (Adult) Cherry Fruit Fly species (Adult) Codling Moth Green Fruitworm Japanese Beetle Leafhopper species Leafroller species Lesser Appleworm Omnivorous Leafroller Orange Tortrix Oriental Fruit Moth Pear Psylla1 Pear Sawfly Periodical Cicada Plant Bug species Plum Curculio Rosy Apple Aphid San Jose Scale (fruit infestations only) Spirea Aphid1 Stink Bug species Tent Caterpillar species Tentiform Leaf Miner species Tree Borer species Tufted Apple Budworm Webworm species	0.02 – 0.04	2.56 – 5.12

Application Methods

Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold.

Apply with ground or air equipment using sufficient water to obtain full coverage of the foliage or target area. When applying by air, apply in a minimum of 5 gallons of water per acre, but use higher rates as appropriate for thorough coverage

Remarks

[1]Suppression only.

Restrictions

DO NOT apply within 21 days of harvest.

DO NOT apply more than 0.2 lb. a.i. (25.6 fl. oz. or 1.6 pt. of product) per acre per year.

DO NOT apply more than 0.16 lb. a.i. (20.48 fl. oz. or 1.28 pt. of product) per acre per year post bloom.

STONE FRUITS: Apricot, Chickasaw Plum, Damson Plum, Japanese Plum, Nectarine, Peach, Plum, Plumcot, Prune, Sweet and Tart Cherry

Pests	Lbs. AI / Acre	Fluid ounces/Acre
For control of: Oriental Fruit Moth Peach Twig Borer Peachtree Borer species Pear Sawfly Periodical Cicada Plant Bug species Plum Curculio Rose Chafer	0.02 – 0.04	2.56 – 5.12

Stink Bug species Tent Caterpillar species Thrips species		

Application Methods

Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold and IPM recommendations.

Apply with ground or air equipment using sufficient water to obtain full coverage of the foliage or target area. When applying by air, apply in a minimum of 5 gallons of water per acre, but use higher rates as appropriate for thorough coverage

Remarks

[1]Suppression only.

Restrictions

DO NOT apply within 14 days of harvest.

DO NOT apply more than 0.2 lb. a.i. (25.6 fl. oz. or 1.6 pt. of product) per acre per year.

DO NOT apply more than 0.16 lb. a.i. (20.48 fl. oz. or 1.28 pt. of product) per acre per year post bloom.

TREE NUTS: Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (Hazlenut), Hickory Nut, Macadamia Nut (Bush Nut), Pistachio, Black Walnut, English (Persian) Walnut

Pests	Lbs. AI / Acre	Fluid ounces/Acre
For control of: Ants Chinch Bug Codling Moth Filbertworm Leaffooted Bug Leafroller species Navel Orangeworm Peach Twig Borer Plant Bug species Stink Bug species Walnut Aphid Walnut Husk Fly species (Adult)	0.02 – 0.04	2.56 – 5.12
PECANS		
Hickory Shuckworm Pecan Aphid species Pecan Casebearer species Pecan Phylloxera species Pecan Spittlebug Pecan Weevil Stink Bug species	0.02 – 0.04	2.56 – 5.12

Application Methods

Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold.

Apply with ground or air equipment using sufficient water to obtain full coverage of the foliage or target area. When applying by air, apply in a minimum of 5 gallons of water per acre, but use higher rates as appropriate for thorough coverage

Restrictions

DO NOT apply within 14 days of harvest.

DO NOT apply more than 0.16 lb. a.i. (20.48 fl. oz. or 1.28 pt. of product) per acre per year.

DO NOT apply more than 0.12 lb. a.i. (15.36 fl. oz. or 0.96 pt. of product) per acre per year post bloom.

SUGARCANE

Pests	Lbs. AI / Acre	Fluid ounces/Acre
For control of: 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	3.20 – 5.12

Application Methods

Apply as required by scouting, usually at intervals of 7 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.

Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.

Remarks

[1]For control before the larva bores into the plant stalk.
[2]Suppression only of beetles active above ground.
[3]See **Resistance** statement under **General Use Requirements and Precautions**.

Restrictions

DO NOT apply within 21 days of harvest.

DO NOT apply more than 0.16 lb. a.i. (20.48 fl. oz. or 1.28 pt. of product) per acre per season.

SUNFLOWER

Pests	Lbs. AI / Acre	Fluid ounces/Acre
For control of: Cutworm species Sunflower Beetle	0.015 – 0.025	1.92 – 3.20
Banded Sunflower Moth Fall Armyworm[1] Grasshopper species Head-Clipper Weevil (Adult) Japanese Beetle (Adult) Leafhopper species Meadow Spittlebug Painted Lady (Thistle) Caterpillar Seed Weevil (Adult) Spotted Cabbage Looper Stem Weevil (Adult) Stink Bug species Sunflower Maggot (Adult) Sunflower Moth Woollybear Caterpillar	0.02 – 0.03	2.56 – 3.84
Beet Armyworm[2,3] Spider Mite species[2]	0.03	3.84

Application Methods

Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold.

Apply with ground or air equipment using sufficient water to obtain full coverage of sunflower heads and foliage.

When applying by air, apply in a minimum of 2 gallons of water per acre, but use higher rates as appropriate for thorough coverage

Remarks

[1]Use higher rates for large larvae.
[2]Suppression only.
[3]See **Resistance** statement under **General Use Requirements and Precautions.**

Restrictions

DO NOT apply within 45 days of harvest.

DO NOT apply more than 0.12 lb. a.i. (15.36 fl. oz. or 0.96 pt. of product) per acre per season.

DO NOT apply more than 0.09 lb. a.i. (11.52 fl. oz. or 0.72 pt. of product) per acre per season after bloom inflation.

DO NOT apply as an ultra-low volume (ULV) spray.

TOBACCO

Pests	Lbs. AI / Acre	Fluid ounces/Acre
For control of: Armyworm species[1] Blister Beetle species Cabbage Looper Corn Earworm Cucumber Beetle species (Adult) Cutworm species Grasshopper species Japanese Beetle (Adult) Katydid species Plant Bug species[3] Potato Tuberworm Salt Marsh Caterpillar Stinkbug species Tobacco Aphid species[2,3] Tobacco Budworm[3] Tobacco Flea Beetle (Adult) Tobacco Hornworm Tobacco Thrips species[2] Tomato Hornworm Tree Cricket species Vegetable Weevil (Adult) Webworm species	0.015 – 0.03	1.92 – 3.84

Application Methods

Apply as required by scouting, usually at intervals of 7 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold.

Apply with ground or air equipment using sufficient water to obtain full coverage of sunflower heads and foliage.

When applying by air, apply in a minimum of 2 gallons of water per acre, but use higher rates as appropriate for thorough coverage

Remarks

[1]For control of first and second instars only.
[2]Suppression only.
[3]See **Resistance** statement under **General Use Requirements and Precautions.**

Restrictions

DO NOT apply within 40 days of harvest.

DO NOT apply more than 0.09 lb. a.i. (11.52 fl. oz. or 0.72 pt. of product) per acre per year.

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	Lbs. AI / Acre	Fluid ounces/Acre
For control of: Cutworm species Leafhopper species Saltmarsh Caterpillar Sweet Potato Hornworm Woolybear Caterpillar species	0.015 – 0.025	1.92 – 3.20
Aphid species[1] Armyworm species[1] Blister Beetle species Colorado Potato Beetle[1] Corn Earworm Cricket species Cucumber Beetle species (adults) European Corn Borer Flea Beetle species (adults) Grasshopper species Looper species[1] Lygus Bug species[1] Plant Bug species Potato Psyllid Potato Tuberworm Stink Bug species Sweet Potato Leaf Beetle (adults) Sweet Potato Vine Borer Thrips species[1,2] Tortoise Beetle species Webworm species Weevil species (adults)	0.02 – 0.03	2.56 – 3.84
Leafminer species[1,3] Spider Mite species[3] Whitefly species[1,3]	0.03	3.84

Application Methods

Apply as required by scouting, usually at intervals of 7 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.

Apply with ground or air equipment using sufficient water to obtain full coverage of all above ground plant parts. When applying by air, apply in a minimum of 2 gallons total solution per acre. When applying by ground, a minimum of 10 gallons total solution per acre is recommended.

Remarks

[1]Use higher rates for large larvae.
[2]Suppression only.
[3]See **Resistance** statement under **General Use Requirements and Precautions.**

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

Insects that bore or tunnel 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 this product.

Restrictions

DO NOT apply within 7 days of harvest.

DO NOT apply more than 0.12 lb. a.i. (15.36 fl. oz. or 0.96 pt. of product) per acre per season.

NON-AGRICULTURAL USES

CONIFER AND DECIDUOUS TREES: Plantations and Nurseries		
Pests	**Lbs. AI / Acre**	**Fluid ounces/Acre**
For control of: Bagworm Balsam Twig Aphid Balsam Wooly Aphid Birch Leafminer Black Pine Weevil Elm Leaf Beetle European Elm Bark Beetle Gypsy Moth Japanese Beetle June Beetle species Leaf Beetle species Leafroller species May Beetle species Mealybug species[1] Pales Weevil Pine Chafer Pine Colaspis Beetle Pine Conelet Bug Pine Leaf Chermid Pine Needle Scale Pine Sawfly species Pine Tip Moth species Pine Tortoise Scale Pine Weevil species Poplar Aphid species Sawfly species Spittlebug species Spruce Budworm Tent Caterpillar species Tussock Moth species Webworm species	0.02 – 0.04	2.56 – 5.12
Application Methods		
Apply with ground equipment using sufficient water to obtain full coverage of target site. Make applications when pests appear. Apply in sufficient volume to ensure sufficient coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.		
Remarks		
[1]Suppression only.		
To control exposed foliage, flower, cone, seed and bark feeding insects, apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.		
Restrictions		
DO NOT apply more than 0.24 lb. a.i. (15.36 fl. oz. or 0.96 pt. of product) per acre per year.		

CONIFER AND DECIDUOUS TREES: Seed Orchards		
Pests	**Lbs. AI / Acre**	**Fluid ounces/Acre**
For control of: Coneworm species Seed Bug species Thrips species	See Below	See Below
Application Methods		
For high volume sprayers, dilute 2.56 fl. oz. per 100 gallons of water and apply 5-10 gals. of finished spray per tree. For low volume sprayers, dilute 10 fl. oz. per 100 gallons of water and apply 100 gals. of finished spray per acre. For aerial applications, apply 7.5 fl. oz. / A in a minimum of 10 gallons finish spray per acre.		
Restrictions		
DO NOT apply more than 0.5 lb. a.i. (64 fl. oz. or 4 pts. of product) per acre per year.		

NON-CROPLAND (Excluding Public Land)		
Pests	**Lbs. AI / Acre**	**Fluid ounces/Acre**
See Crop Outlets on this label for target pests and use rates	See Crop Outlets	See Crop Outlets
Application Methods		
Apply with ground equipment using sufficient water to obtain full coverage of target site. When applying by air, apply in a minimum of 2 gallons of water per acre.		
Remarks		
Spray non-cropland adjacent to agricultural areas to control migratory insects which may threaten crops. Follow general use directions, rates, and spray recommendations found elsewhere on this label for the adjacent crop outlet and target pests. Use the highest labeled rates for dense/large foliage, high insect populations and larger larval stages. Repeat application as necessary to maintain control.		
Restrictions		
DO NOT apply more than 0.2 lb. a.i. (25.6 fl. oz. or 1.6 pt. of product) per acre per year. **DO NOT** graze livestock on treated areas.		

Rate Conversion Chart			
lbs A.I./ A	**fl. oz. / A**	**pts. / A**	**Treated Acres / gal.**
0.015	1.92	0.12	66
0.02	2.56	0.16	50
0.025	3.20	0.20	40
0.03	3.84	0.24	33
0.04	5.12	0.32	25

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: DO NOT ALLOW PRODUCT TO FREEZE. Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area. Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. If container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. **DO NOT** walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away. You may contact CHEMTREC at 800-424-9300 for decontamination procedures or any other assistance that may be necessary.

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 DISPOSAL:

Nonrefillable container: **DO NOT** reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refillable Container: Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Close all openings and replace all caps. Contact place of purchase to arrange for return of the empty refillable container.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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