RESTRICTED USE PESTICIDE
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 1B 3A INSECTICIDES

Drexel

Lambdajaxos™
Insecticide

For the control of listed insects in field, fruit, nut and vegetable crops.

ACTIVE INGREDIENTS:
Chlorpyrifos ........................................................................................................ 28.12%
Lambda-cyhalothrin .......................................................................................... 1.44%

OTHER INGREDIENTS:

TOTAL: .............................................................................................................. 70.44%

This product contains 2.56 pounds of Chlorpyrifos and 0.13 pound of Lambda-cyhalothrin active ingredients per gallon.
Contains petroleum distillate.

KEEP OUT OF REACH OF CHILDREN
WARNING / AVISO
Si usted no entiende la etiqueta, busque a alguien que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See Page 2 for FIRST AID
SHAKE WELL BEFORE USING

EPA Reg. No. 19713-671
EPA Est. No. 19713-GA-2

Manufactured By:
Drexel Chemical Company
P.O. Box 13327, Memphis, TN 38113-0327
SINCE 1972

LAMBDAFOSS and the DREXEL logo are either trademarks or registered trademarks of Drexel Chemical Company.
FIRST AID
(Organophosphate)

IF SWALLOWED:
- Immediately call a poison control center or doctor.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give any liquid to the person.
- Do not give anything by mouth to an unconscious person.

IF INHALED:
- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

IF IN EYES:
- Hold eye open and rinse slowly and gently with water for 15 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 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call CHEMTREC at 800-424-9300 for emergency.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate significance of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/propantheline, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidote immediately after establishing an open airway and respiration. Contains petroleum distillate—vomiting may cause aspiration pneumonia.

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

WARNING: May be fatal if swallowed. Harmful if inhaled. Causes moderate eye irritation. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco or the toilet. Avoid breathing spray mist. Remove and wash contaminated clothing before re-use. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Materials that are chemical resistant to this product are barrier laminates and viton a 14 mils. Mixers and loaders using a mechanical transfer loading system and applicators using aerial application equipment must wear: Long-sleeved shirt and long pants, shoes and socks and protective eyewear.

In addition to the above, mixers and loaders using a mechanical transfer loading system must wear: Chemical resistant gloves, chemical resistant apron, a NIOSH approved particulate respirator with an R or P filter with NIOSH approval number prefix TC-84A or a NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C.

See “ENGINEERING CONTROLS” for additional requirements.

All other mixers, loaders, applicators and handlers must wear: Coversalls over long-sleeved shirt and long pants, chemical resistant gloves, chemical resistant apron when mixing or loading or exposed to the concentrate, chemical resistant footwear plus socks, chemical resistant headgear for overhead exposure and a NIOSH approved particulate respirator with an R or P filter with NIOSH approval number prefix TC-84A or a NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C.

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

(Continued)
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, restricted entry intervals, and notification to workers (as applicable). 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). The REI for each crop is listed in the directions for use associated with each crop. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. Certified crop advisors or persons entering under their direct supervision under certain circumstances may be exempt from the early re-entry requirements pursuant to 40 CFR Part 170.

PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and involves contact with anything that has been treated, such as plants, soil or water. Is: Coversalls over short-sleeved shirt and short pants, chemical resistant gloves made out of any waterproof material, chemical resistant footwear plus socks and chemical resistant headgear for overhead exposure.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

PRODUCT INFORMATION

LAMDACO is an emulsifiable concentrate for use in listed crops. This product resists washoff once it is dry. Target pests and application rates are provided in the accompanying tables.

USE PRECAUTIONS

Insect control may be reduced at low spray volumes under high temperature and wind conditions. Some reduction in insect control may occur under unusually cool conditions.

Flood Irrigation: To avoid contamination of irrigation tail waters, do not flood irrigate within 24 hours following a soil surface or foliar application of this product.

SPRAY DRIFT MANAGEMENT

BUFFER ZONES

New York State

In New York State, a 25 foot vegetated, non-cropped buffer strip not traversed 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 foot vegetated non-cropped buffer strip for runoff protection would be part of the larger 50 foot buffer strip (or 450 ft. buffer strip for ULV application) required for spray drift.

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 or fields where a maintained vegetation buffer strip of at least 10 feet exists between the field and down grade aquatic habitat.


Buffer Zone for Ground Application (Groundboom or Overhead Chemigation)

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

Buffer Zone for Ground Application (Airblast)

Do not apply within 50 feet of aquatic habitats (such as lakes, reservoirs, rivers, streams, marshes, ponds, estuaries and commercial fish ponds).

Buffer Zone for ULV Aerial Application

Do not apply within 450 feet of aquatic habitats (such as 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, streams, marshes, 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 during 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 ASABE (SS72.1) definition for standard nozzles. In conditions of low humidity and high temperature, applications 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 groundboom applications, apply using a nozzle height of no more than 4 feet above the ground or crop canopy.
- For airblast applications, turn 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

- Mount the spray boom on the aircraft so as to minimize drift caused by wingtip or rotor vortices. Use the minimum practical boom length and must not exceed 75% of the wingspan or 80% of the rotor diameter.
- Flight speed and nozzle orientation must be considered in determining droplet size.
- Release spray 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 crosswind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upward.

The buffer distances specified in the table below are the distances in feet that must exist to separate sensitive sites from the targeted application site. Buffers are measured from the edge of the sensitive site to the edge of the application site. Sensitive sites are areas frequented by non-occupational bystanders (especially children). These include residential lawns, pedestrian sidewalks, outdoor recreational areas such as school grounds, athletic fields, parks and all property associated with buildings occupied by humans for residential or commercial purposes. Sensitive sites include homes, farmworker housing, or other residential buildings, schools, daycare centers, nursing homes and hospitals. Non-residential agricultural buildings, including barns, livestock facilities, sheds and outbuildings are not included in this prohibition.

<table>
<thead>
<tr>
<th>Application Rate (Lb. Chlorpyrifos /Acre)</th>
<th>Application Rate (Fl. oz. of This Product / Acre)</th>
<th>Nozzle Droplet Types Required Setup (Buffer Zones) In Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>&gt; 0.5 to 1</td>
<td>25.56 to 51.1</td>
<td>coarse or very coarse</td>
</tr>
<tr>
<td>&gt; 0.5 to 1</td>
<td>25.56 to 51.1</td>
<td>medium</td>
</tr>
<tr>
<td>1 to 2</td>
<td>51.1 to 102.2</td>
<td>coarse or very coarse</td>
</tr>
<tr>
<td>1 to 2</td>
<td>51.1 to 102.2</td>
<td>medium</td>
</tr>
<tr>
<td>&gt; 2 to 3</td>
<td>102.2 to 153.3</td>
<td>coarse or very coarse</td>
</tr>
<tr>
<td>&gt; 2 to 3</td>
<td>102.2 to 153.3</td>
<td>medium</td>
</tr>
</tbody>
</table>

(Continued)
**APPLICATION DIRECTIONS**

**BROADCAST FOLIAR APPLICATION**
Apply with conventional power-operated spray equipment using nozzles and spraying pressures specified for insecticides. Apply this product in a spray volume of not less than 2 gallons per acre for aerial application equipment (fixed wing or helicopter) or not less than 10 gallons per acre for ground equipment, unless otherwise specified. Increase spray volume to ensure adequate coverage with increased density and height of crop canopy. See “SPRAY DRIFT REQUIREMENTS” section for droplet size.

**GROUND APPLICATION**
Orient the boom and nozzles so that uniform coverage is obtained. The swath width should not be wider than the boom. Follow nozzle manufacturer’s specifications for pesticide nozzles with respect to nozzle type, pressure and spacing.

**BROADCAST SOIL APPLICATION**
Apply with conventional power-operated spray equipment that will apply the product uniformly over the soil surface. Use nozzles that produce a medium or coarse droplet. Unless otherwise indicated, apply in a spray volume of 10 gallons per acre or more. For band application, use proportionally less spray volume.

**AERIAL APPLICATION**
Use a minimum spray volume of 2 gallons per acre. Mark swaths by mechanical flagging, permanent markers or use of GPS equipment.

**CHEMIGATION APPLICATION**
Apply this product through properly equipped chemigation systems for insect control in alfalfa, corn (Field and Sweet), Cotton, sorghum, soybeans and wheat or other crops as specified in manufacturer supplemental labeling. Do not apply this product by chemigation unless specified in crop specific directions in this label or manufacturer supplemental labeling. Do not apply to labeled crops through any other type of irrigation system. Note: Unless otherwise indicated in specific use directions, the application rates for chemigation are the same as those for broadcast application.

**Directions for Sprinkler Chemigation**
Apply this product only through overhead sprinkler irrigation systems that will apply water uniformly, including center pivot, lateral move, end line, side (wheel) roll, travelers, big gun, solid set, micro sprinkler or hand move. Do not apply this product through any other type of irrigation system. Do not apply through sprinkler systems that deliver a low coefficient of uniformity such as certain water drive units. For continuously moving systems, the mixture containing this product must be injected continuously and uniformly into the irrigation water line as the sprinkler is moving. If continuously moving irrigation equipment is used, apply in no more than 0.25 inch of water. For irrigation systems that do not move during operation, apply no more than 0.25 inch of irrigation immediately before the end of the irrigation cycle.

**Chemigation Equipment Preparation**
The following use directions must be followed when this product is applied through sprinkler irrigation systems. Thoroughly clean the chemigation system and tank of any fertilizer or chemical residues and dispose of the residues according to state and federal laws. Flush the injector system with soap and water. Determine the amount of this product needed to cover the desired acreage. Mix according to instructions in the “MIXING DIRECTIONS” section and bring mixture to desired volume. Continuously agitate the mixture during mixing and application.

**Chemigation Equipment Calibration**
In order to calibrate the irrigation system and injector to apply the mixture containing this product, determine the following: 1) Calculate the number of acres irrigated by the system; 2) Calculate the amount of product required and pre-mix; 3) Determine the irrigation rate and the number of minutes for the system to cover the intended treatment area; 4) Calculate the total gallons of insecticide mixture needed to cover the desired acreage. Divide the total gallons of insecticide mixture needed by the number of minutes (minus time to flush out) to cover the treatment area. This value equals the gallons per minute output that the injector or eductor must deliver. Convert the gallons per minute to milliliters or fluid ounces per minute if needed; 5) Calibrate the injector pump with the system in operation at the desired irrigation rate. It is suggested that the timed output of the injector pump be checked at least twice before operation and the system monitored during operation.

**Chemigation Equipment Requirements**
- The system must contain an air gap, an approved back flow prevention device, a functional check valve, vacuum relieve valve (including inspection port) and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow. Refer to the “American Society of Agricultural Engineer’s Engineering Practice 409” for more information or State specific regulations.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- To ensure uniform mixing of the insecticide into the water line, inject the mixture through a nozzle placed in the fertilizer injection port of just ahead of an elbow or tee in the irrigation line so that the turbulence will assist in mixing. The injection point must be located after all backflow prevention devices on the water line.
- The tank holding the insecticide mixture must be free of rust, fertilizer, sediment and foreign material and equipped with an in-line strainer situated between the tank and the injection point.

**Chemigation Operation**
Start the water pump and system and let the system achieve the desired pressure and speed before starting the injector. Check for leaks and uniformity and make repairs before any chemigation takes place. Start the injector system and calibrate according to manufacturer’s specifications. This procedure is necessary to deliver a desired rate per acre in a uniform manner. When the application is finished, flush and clean the entire irrigation and injector system prior to shutting down the system.

**Chemigation Precautions**
- Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- If you have questions about calibration, contact state extension service specialist, equipment manufacturer or other experts.
- A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall operate the system and make necessary adjustments should the need arise and continuously monitor the injection.

**Chemigation Restrictions**
- Do not add crop oil when this product is applied by chemigation.
- Do not connect an irrigation system used for pesticide applications (including greenhouse systems) to a public water system.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection.
- The pesticide injection pipeline must contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment. End guns must be turned off during the application if they irrigate non-target areas.
- Do not allow irrigation water to collect or runoff and pose a hazard to livestock, wells or adjoining crops.
- Do not enter treated areas during the re-entry interval unless required PPE is worn.
- Do not apply through sprinkler systems that deliver a low coefficient of uniformity such as certain water drive units.

**MAXIMUM APPLICATION RATE**

Do not exceed the allowed maximum application rate of active ingredient per acre per year by using other Lambda-cyhalothrin or Gamma-cyhalothrin containing products. The maximum rate allowed for use if both Lambda-cyhalothrin and Gamma-cyhalothrin products are used during the same crop growing season can be calculated based upon the listed maximum rates in the following table:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Lambda-cyhalothrin (Lb. a.i./Ac./Season)</th>
<th>Gamma-cyhalothrin (Lb. a.i./Ac./Season)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa</td>
<td>0.12</td>
<td>0.05</td>
</tr>
<tr>
<td>Brussels sprout</td>
<td>0.24</td>
<td>0.12</td>
</tr>
<tr>
<td>Corn</td>
<td>0.12</td>
<td>0.05</td>
</tr>
<tr>
<td>Colton</td>
<td>0.20</td>
<td>0.10</td>
</tr>
<tr>
<td>Sorghum</td>
<td>0.08</td>
<td>0.04</td>
</tr>
<tr>
<td>Soybeans</td>
<td>0.06</td>
<td>0.03</td>
</tr>
<tr>
<td>Sunflower</td>
<td>0.20</td>
<td>0.10</td>
</tr>
<tr>
<td>Tree fruits</td>
<td>0.20</td>
<td>0.10</td>
</tr>
<tr>
<td>Tree nuts</td>
<td>0.16</td>
<td>0.09</td>
</tr>
<tr>
<td>Wheat</td>
<td>0.06</td>
<td>0.03</td>
</tr>
</tbody>
</table>

* When the maximum application rate of Lambda-cyhalothrin is reached, no Gamma-cyhalothrin product can be used. The Gamma-cyhalothrin quantity can be multiplied by 2 to calculate the total active ingredient based upon Lambda-cyhalothrin.

**MIXING DIRECTIONS**

**This Product Alone**

To prepare the spray, add a portion of the required amount of water to the spray tank and with the spray tank agitator operating, add this product. Complete filling the tank with the balance of water needed. Maintain sufficient agitation during both mixing and application to ensure uniformity of the spray mixture.

**This Product In Tank-Mixture**

This product is compatible with insecticides, herbicides, miticides and fungicides and non-pressure fertilizer solutions commonly used except for alkaline materials, such as Bordeaux mixture and lime. Conduct a small jar compatibility test prior to tank-mixing. Prepare tank-mixtures in the same manner above as for "This Product Alone". When tank-mixing this product with herbicides, add wettable powders first, flowables second and emulsifiable concentrates last. When a fertilizer solution is involved, for best results, use a fertilizer pesticide compatibility agent. Maintain constant agitation during both mixing and application to ensure uniformity of the spray mixture. Do not allow spray mixtures to stand overnight.

**Tank-Mix Compatibility Test**

Test compatibility of the intended tank-mixtures before adding this product to the spray or mix tank. Add proportional amounts of each tank-mix ingredient to a clear pint or quart jar, cap it, invert the jar several times and set for 15 minutes. If the mixture bails-up, forms flakes, sludge, jells, oily films or layers or other precipitates that do not readily redisperse, these type reactions indicate an incompatible mixture and must not be used.

**USES**

**ALFALFA**

Worker Restricted Entry Interval: Do not enter or allow worker entry into treated areas during the Restricted Entry Interval (REI) of 24 hours unless PPE required for early entry is worn.

Apply as a broadcast foliar spray using aircraft or ground spray equipment. Use a higher rate in the rate range for increased pest pressure. Use a minimum spray volume of 2 gallons per acre for aerial application (fixed wing or helicopter) or 10 gallons per acre for ground equipment. Use a spray volume of 5 gallons per acre or more by air or up to 20 gallons per acre by ground when foliage is dense and/or pest population is high and/or under high temperature and wind conditions. Some reduction in insect control may occur under unusually cool conditions.

Chemigation: This product may be applied through sprinkler irrigation systems to control listed foliar pests. Use specified broadcast application rates. See "CHEMIZATION APPLICATION" section for application instructions.

<table>
<thead>
<tr>
<th>Target Pest</th>
<th>This Product/Ac.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn rootworm adults (Spotted cucumber beetle)</td>
<td>6 to 13 fl. ozs.</td>
</tr>
<tr>
<td>Grasshoppers</td>
<td></td>
</tr>
<tr>
<td>Leahtoppers</td>
<td></td>
</tr>
<tr>
<td>Alfalfa caterpillar</td>
<td>11 to 26 fl. ozs.</td>
</tr>
<tr>
<td>Blue alfalfa aphid</td>
<td></td>
</tr>
<tr>
<td>Outworm spp.</td>
<td></td>
</tr>
<tr>
<td>Green cloverworm</td>
<td></td>
</tr>
<tr>
<td>Pea aphid</td>
<td></td>
</tr>
<tr>
<td>Spotted alfalfa aphid*</td>
<td></td>
</tr>
<tr>
<td>Velvetbean caterpillar</td>
<td></td>
</tr>
<tr>
<td>Webworm spp.</td>
<td></td>
</tr>
<tr>
<td>Alfalfa bblotch leaffminer</td>
<td>16 to 38 fl. ozs.</td>
</tr>
<tr>
<td>Alfalfa seed chatlaid (Adult)</td>
<td></td>
</tr>
<tr>
<td>Alfalfa weevil (Larva and Adult)</td>
<td></td>
</tr>
<tr>
<td>Armyworms</td>
<td></td>
</tr>
<tr>
<td>Bean leaf beetle</td>
<td></td>
</tr>
<tr>
<td>Blist er leaf sp.</td>
<td></td>
</tr>
<tr>
<td>Clover leaf weevil spp.</td>
<td></td>
</tr>
<tr>
<td>Clover root borer (Adult)</td>
<td></td>
</tr>
<tr>
<td>Clover nod curlito spp. (Adult)</td>
<td></td>
</tr>
<tr>
<td>Clover stem borer (Adult)</td>
<td></td>
</tr>
<tr>
<td>Corn earworm</td>
<td></td>
</tr>
<tr>
<td>Cowpea aphid</td>
<td></td>
</tr>
<tr>
<td>Cowpea curculo (Adult)</td>
<td></td>
</tr>
<tr>
<td>Cowpea weevil (Adult)</td>
<td></td>
</tr>
<tr>
<td>Egyptian alfalfa weevil (Larva and Adult)</td>
<td></td>
</tr>
<tr>
<td>Grape colagies (Adult)</td>
<td></td>
</tr>
<tr>
<td>Green June beetle (Adult)</td>
<td></td>
</tr>
<tr>
<td>Green peach aphid</td>
<td></td>
</tr>
<tr>
<td>Japanese beetle (Adult)</td>
<td></td>
</tr>
<tr>
<td>Looper spp.</td>
<td></td>
</tr>
<tr>
<td>Mexican bean beetle</td>
<td></td>
</tr>
<tr>
<td>Pea weevil (Adult)</td>
<td></td>
</tr>
<tr>
<td>Plant bugs</td>
<td></td>
</tr>
<tr>
<td>Spider mites</td>
<td></td>
</tr>
</tbody>
</table>

(Continued)
Specific Use Precautions
- Do not tank-mix this product with other pesticides, surfactants or fertilizer formulations unless prior use has shown the combination to be non-injurious to Alfalfa under current conditions of use. Some phytotoxic symptoms may be observed on young, tender, rapidly growing Alfalfa treated with this product. Alfalfa will outgrow these symptoms and no yield loss should be expected.
- This product is highly toxic to bees exposed to direct treatment on Alfalfa. Do not apply if nearby bees are clustered outside of hives and bees are actively foraging in the treated area. Protective information may be obtained from your Agricultural Extension Service.
- To avoid contamination of irrigation tail waters, do not flood irrigate within 24 hours following an application of this product.

Specific Use Restrictions
- Pre-Harvest Interval: Do not cut or graze treated Alfalfa within 7 days after application of 6 to 13 fluid ounces of this product per acre, within 14 days after application of 13 to 26 fluid ounces per acre within 21 days after application of rates above 28 fluid ounces per acre.
- Maximum single application rate is 38 fluid ounces of this product (0.75 lb. a.i. Chlorpyrifos and 0.04 lb. a.i. Lambda-cyhalothrin) per acre.
- Do not apply more than a total of 119 fluid ounces of this product (2.3 lbs. a.i. Chlorpyrifos and 0.12 lbs. a.i. Lambda-cyhalothrin) per acre per year.
- Do not apply any product containing Chlorpyrifos more than once per Alfalfa cutting.
- Do not apply any product containing Chlorpyrifos more than one per Alfalfa cutting.
- Do not make a second application of this product or other products containing Chlorpyrifos within 10 days of the first application.
- Maximum Application Rate*: Do not exceed the maximum application rate of active ingredient per acre per year allowed by using other Lambda-cyhalothrin or Gamma-cyhalothrin containing products. The maximum rate allowed for use if both Lambda-cyhalothrin and Gamma-cyhalothrin products are used during the same crop growing season can be calculated based upon the listed maximum rates in the following table:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Lambda-cyhalothrin (Lb. a.i./Ac./Season)</th>
<th>Gamma-cyhalothrin (Lb. a.i./Ac./Season)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa</td>
<td>0.12</td>
<td>0.06</td>
</tr>
</tbody>
</table>

* When the maximum application rate of Lambda-cyhalothrin is reached, no Gamma-cyhalothrin product can be used. The Gamma-cyhalothrin quantity can be multiplied by 2 to calculate the total active ingredient based upon Lambda-cyhalothrin.

**BRUSSELS SPROUT**

Worker Restricted Entry Interval: Do not enter or allow worker entry into treated areas during the Restricted Entry Interval (REI) of 24 hours unless PPE required for early entry is worn.

Apply with conventional power-operated spray equipment in 20 to 150 gallons of water per acre. For aerial applications, apply a minimum of 5 gallons of water per acre. Use a higher rate in the rate range when there is increased pest pressure. Consult your State agricultural experiment station, extension service specialist or integrated pest control advisor for proper time to treat in your area.

<table>
<thead>
<tr>
<th>Target Pest</th>
<th>This Product/Ac.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cabbage aphid</td>
<td>11 to 19 fl. ozs.</td>
</tr>
<tr>
<td>Grasshoppers</td>
<td></td>
</tr>
</tbody>
</table>

(Continued)

<table>
<thead>
<tr>
<th>Target Pest</th>
<th>This Product/Ac.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutworms</td>
<td>11 to 38 fl. ozs.</td>
</tr>
</tbody>
</table>

**CORN (Field, Sweet, Seed)**

Worker Restricted Entry Interval: Do not enter or allow worker entry into treated areas during the Restricted Entry Interval (REI) of 24 hours unless PPE required for early entry is worn.

Conservation Tillage: Pre-plant, At-Plant or Pre-emergence Applications Apply as a broadcast spray to surface trash and exposed soil using power-operated ground spray equipment. Use a total spray volume of 20 gallons per acre or more. Use a higher rate in the rate range to extend residual control.

Tank-Mixing
This product may also be applied in tank-mixtures with Paraquat or Glyphosate herbicide and/or liquid fertilizer solutions. See "MIXING DIRECTIONS" section for tank-mixing instructions. Read and carefully follow all applicable directions, restrictions and precautions on labeling for each product used in combination with this product. Follow the most restrictive label.

<table>
<thead>
<tr>
<th>Target Pest</th>
<th>This Product/Ac.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Armyworms</td>
<td></td>
</tr>
<tr>
<td>Cutworms</td>
<td>11 to 38 fl. ozs.</td>
</tr>
</tbody>
</table>
At-Plant T-Band Application

Apply as a liquid T-Band in fields with no more than 30% cover of crop residue remaining on the soil surface. Position a flat fan nozzle over the open seed furrow immediately behind the planter shoe, in front of the press wheel and adjust to provide a 5 to 6 inch band width centered over the row. Incorporate into the top 1 inch of soil using tines, chains or other suitable equipment.

The following table provides equivalent application rates for various row spacings when this product is applied at the rate of 2.67 fluid ounces per 1000 feet of row for Grubs, Seed corn beetle, Seed corn maggot and Wireworms or applied at a rate of 1.89 fluid ounces per 1000 feet of row for Cutworms alone.

<table>
<thead>
<tr>
<th>Target Pest</th>
<th>Required Amount of This Product</th>
<th>Fl. ozs./Ac.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Row Spacing (inches)</td>
<td></td>
</tr>
<tr>
<td>Cutworms</td>
<td>30</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td>36</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td>38</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>40</td>
<td>26</td>
</tr>
<tr>
<td>Grubs</td>
<td>30</td>
<td>50</td>
</tr>
<tr>
<td>Seed corn beetle</td>
<td>36</td>
<td>42</td>
</tr>
<tr>
<td>Seed corn maggot</td>
<td>36</td>
<td>40</td>
</tr>
<tr>
<td>Wireworms</td>
<td>40</td>
<td>36</td>
</tr>
</tbody>
</table>

Sprayer Calibration Information For Band Application

<table>
<thead>
<tr>
<th>Volume of Spray Per Ac. (gal.)</th>
<th>30&quot;</th>
<th>36&quot;</th>
<th>38&quot;</th>
<th>40&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>3.67</td>
<td>4.41</td>
<td>4.68</td>
<td>4.90</td>
</tr>
<tr>
<td>10</td>
<td>7.34</td>
<td>8.82</td>
<td>9.30</td>
<td>9.60</td>
</tr>
<tr>
<td>15</td>
<td>11.00</td>
<td>13.23</td>
<td>13.99</td>
<td>14.70</td>
</tr>
<tr>
<td>20</td>
<td>14.68</td>
<td>17.64</td>
<td>18.60</td>
<td>19.69</td>
</tr>
</tbody>
</table>

Post-emergence Application

Apply as a post-emergence broadcast spray using sufficient spray volume to ensure thorough coverage of treated plants, but no less than 10 gallons per acre for ground spray equipment or 2 gallons per acre for aerial equipment. Use higher carrier volume when foliagae is dense and/or pest pressure is high and/or under high temperatures and wind conditions. This product may be tank-mixed with Glyphosate products when application is to be made to Glyphosate tolerant Corn.

Chemigation: This product may be broadcast applied post-emergence through sprinkler irrigation systems at specified application rates to control listed foliar pests. For best results, tank-mix this product with 2 pints of non-amulsifiable oil. See "CHEMIGATION APPLICATION" section for application instructions.

<table>
<thead>
<tr>
<th>Target Pest</th>
<th>This Product/Ac.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grasshoppers</td>
<td>6 to 13 fl. ozs.</td>
</tr>
<tr>
<td>Aphids</td>
<td>11 to 26 fl. ozs.</td>
</tr>
<tr>
<td>Armyworms</td>
<td></td>
</tr>
<tr>
<td>Bean leaf beetle</td>
<td></td>
</tr>
<tr>
<td>Cereal leaf beetle</td>
<td></td>
</tr>
<tr>
<td>Corn rootworm (Adults)*</td>
<td></td>
</tr>
<tr>
<td>Cutworms**</td>
<td></td>
</tr>
<tr>
<td>Flea beetle (Adults)**</td>
<td></td>
</tr>
<tr>
<td>Green cloverworm</td>
<td></td>
</tr>
</tbody>
</table>

SPECIFIC USE DIRECTIONS:

* For best control of Biltzugs, apply by ground in a minimum spray volume of 20 to 40 gals. per acre at 40 psi. For Corn greater than 6 inches tall, apply in a 9 to 12 inch wide band over the row. For Corn greater than 6 inches tall, apply using drop nozzles directed to the base of the plant. Do not reduce the application rate for banded or directed applications. Concentrate the full labeled dosage rate in the treated zone.

** For control of Biltzugs, apply by ground in a minimum spray volume of 20 to 40 gals. per acre at 40 psi. If Corn is less than 6 inches tall, apply in a 9 to 12 inch wide band over the row. For Corn greater than 6 inches tall, apply using drop nozzles directed to the base of the plant. Do not reduce the application rate for banded or directed applications. Concentrate the full labeled dosage rate in the treated zone.

*** For control of Biltzugs, apply by ground in a minimum spray volume of 20 to 40 gals. per acre at 40 psi. If Corn is less than 6 inches tall, apply in a 9 to 12 inch wide band over the row. For Corn greater than 6 inches tall, apply using drop nozzles directed to the base of the plant. Do not reduce the application rate for banded or directed applications. Concentrate the full labeled dosage rate in the treated zone.
SPECIFIC USE DIRECTIONS: (Cont.)

** Do not use this product in combination with a broadleaf herbicide to control Common stalk borer. To control Common stalk borer, treat approximately 11 days after application of Glyphosate or after burndown with Paraquat herbicide is complete (3 to 5 days).

*** For post-emergence control of Corn rootworm larvae, apply at cultivation. Direct the spray to both sides of the row at the base of the plants just ahead of the cultivator shovels. Cover the insecticide with soil around the base roots. A cultivation application of this product may be made in addition to an at-planting application of a granular Chlorpyrifos insecticide. This product may also be applied through sprinkler irrigation systems at the rate of 32 to 42 fl. ozs. per acre to control Corn rootworm larvae. Time application to coincide with the appearance of the second instar larvae. Apply with enough water to wet the root zone to the depth control needed. If soils are wet, allow enough soil drying to occur such that an application using a minimum amount of water will not produce surface runoff. See “CHEMIGATION APPLICATION” section for application instructions.

Specific Use Restrictions

- **Pre-Harvest Interval:** Do not apply within 21 days before harvest of grain, ears, forage or fodder.
- **Do not make more than 3 applications of this product or other products containing Chlorpyrifos per acre per year including the maximum allowed of 2 granular applications at the 1 pound active ingredient Chlorpyrifos rate.**
- **Maximum single application rate is 43 fluid ounces of this product (0.83 pound active ingredient Chlorpyrifos and 0.04 lb. a.i. Lambda-cyhalothrin) per acre.**
- **Do not apply more than 129 fluid ounces of this product (2.3 lbs. a.i. Chlorpyrifos and 0.13 pound a.i. Lambda-cyhalothrin) per acre per year.**
- **Do not make a second application of this product or other products containing Chlorpyrifos within 10 days of the first application.**
- **If more than 1 lb. active ingredient granular Chlorpyrifos per acre is applied at-plant (for a maximum of 1.3 lbs. a.i. per acre per year), only one additional application of a liquid product containing Chlorpyrifos at 42 fluid ounces of this product (0.52 lb. a.i. Chlorpyrifos) per acre is allowed per year, for a total of 2.12 lbs. active ingredient Chlorpyrifos per acre per year.**
- **Do not apply in tank-mixes with imazapic, imazethapyr, nicosulfuron or thiafluralin herbicides.**
- **Do not apply more than a total of 76 fluid ounces of this product (1.52 lbs. a.i. Chlorpyrifos) after silk initiation.**
- **Do not apply more than a total of 39.5 fluid ounces of this product (0.76 lb. a.i. Chlorpyrifos) after Corn has reached the milk stage (yellow kernels with milky fluid).**
- **Do not allow meat or dairy animals to graze in treated areas nor harvest treated Corn forage as feed for meat or dairy animals within 1 day after last treatment.**
- **Maximum Application Rate:** Do not exceed the maximum application rate of active ingredient per acre per year allowed by using other Lambda-cyhalothrin or Gamma-cyhalothrin containing products. The maximum rate allowed for use is both Lambda-cyhalothrin and Gamma-cyhalothrin products are used during the same crop-growing season can be calculated based upon the listed maximum rates in the following table:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Lambda-cyhalothrin (Lb. a.i./Ac./Season)</th>
<th>Gamma-cyhalothrin (Lb. a.i./Ac./Season)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn</td>
<td>0.12</td>
<td>0.06</td>
</tr>
</tbody>
</table>

* When the maximum application rate of Lambda-cyhalothrin is reached, no Gamma-cyhalothrin product can be used. The Gamma-cyhalothrin quantity can be multiplied by 2 to calculate the total active ingredient based upon Lambda-cyhalothrin.

### COTTON

Worker Restricted Entry Interval: Do not enter or allow worker entry into treated areas during the Restricted Entry Interval (REI) of 24 hours unless PE required for early entry is worn.

Apply as a broadcast foliar spray using aircraft or ground spray equipment (see separate rate table for Arizona and California). Use a higher rate in the rate range when there is increased pest pressure. Use sufficient spray volume to ensure thorough coverage of treated plants, but no less than 10 gallons per acre for ground spray equipment or 2 gallons per acre for aircraft equipment. Increase spray volume when foliage is dense and/or pest population is high and/or under high temperature and wind conditions. Treat when field counts indicate damaging insect populations are developing or present.

Chemi-Call: This product may be applied through sprinkler irrigation systems at specified broadcast application rates to control listed foliar pests. See “CHEMICATION APPLICATION” section for application instructions. Proper application methods are necessary to ensure thorough spray coverage, correct rate and minimize off-target drift. Refer to “APPLICATION DIRECTIONS” for ground and aerial applications and “SPRAY DRIFT MANAGEMENT” sections of this label for instructions.

**All States Except Arizona and California**

<table>
<thead>
<tr>
<th>Target Pest</th>
<th>This Product/Ac.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cabbage looper</td>
<td>11 to 26 fl. ozs.</td>
</tr>
<tr>
<td>Cotton leaf perforator</td>
<td></td>
</tr>
<tr>
<td>Cutworms</td>
<td></td>
</tr>
<tr>
<td>Grasshoppers</td>
<td></td>
</tr>
<tr>
<td>Ballworm*</td>
<td>15 to 38 fl. ozs.</td>
</tr>
<tr>
<td>Cotton aphid</td>
<td></td>
</tr>
<tr>
<td>Cotton fleashopper**</td>
<td></td>
</tr>
<tr>
<td>Cotton leaf worm</td>
<td></td>
</tr>
<tr>
<td>Cutworms spp.</td>
<td></td>
</tr>
<tr>
<td>European corn borer</td>
<td></td>
</tr>
<tr>
<td>Fall armyworm</td>
<td></td>
</tr>
<tr>
<td>Plant bugs (Lygus, Miridae)**</td>
<td></td>
</tr>
<tr>
<td>Saltmarsh caterpillar</td>
<td></td>
</tr>
<tr>
<td>Thrips spp.</td>
<td></td>
</tr>
<tr>
<td>Yellow striped armyworm</td>
<td></td>
</tr>
</tbody>
</table>

**SPECIFIC USE DIRECTIONS:**

* For best results on Ballworms, scout the fields twice per week and apply when worms are 0.25 inch or less in length.

** Suppression will minimize damage from Cotton fleashoppers and Plant bugs. Use higher specified rates for increased levels of control.

<table>
<thead>
<tr>
<th>Target Pest</th>
<th>This Product/Ac.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beet armyworm</td>
<td>22 to 38 fl. ozs.</td>
</tr>
<tr>
<td>Rolls weevil</td>
<td></td>
</tr>
<tr>
<td>Pink bollworm</td>
<td></td>
</tr>
<tr>
<td>Slit bug spp.</td>
<td></td>
</tr>
<tr>
<td>Bandavd whitefly</td>
<td>32 to 42 fl. ozs.</td>
</tr>
<tr>
<td>Sweet potato whitefly</td>
<td></td>
</tr>
<tr>
<td>Tobacco whitefly</td>
<td></td>
</tr>
</tbody>
</table>

**Arizona and California**

<table>
<thead>
<tr>
<th>Target Pest</th>
<th>This Product/Ac.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Armyworms</td>
<td>22 to 42 fl. ozs.</td>
</tr>
<tr>
<td>Bollworm</td>
<td></td>
</tr>
<tr>
<td>Cotton aphid</td>
<td></td>
</tr>
<tr>
<td>Cotton fleashopper</td>
<td></td>
</tr>
<tr>
<td>Cotton leaf perforator</td>
<td></td>
</tr>
<tr>
<td>Cutworms</td>
<td></td>
</tr>
<tr>
<td>Lygus</td>
<td></td>
</tr>
<tr>
<td>Saltmarsh caterpillar</td>
<td></td>
</tr>
<tr>
<td>Silverleaf whitefly**</td>
<td></td>
</tr>
<tr>
<td>Thrips</td>
<td></td>
</tr>
</tbody>
</table>

**SPECIFIC USE DIRECTIONS:**

* For best results on Bollworms, scout the fields twice per week and apply when worms are 0.25 inch or less in length.

** Apply in tank-mix combination with the specified rate of another insecticide labeled for control or suppression of Silver whitefly.

<table>
<thead>
<tr>
<th>Target Pest</th>
<th>This Product/Ac.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pink bollworm</td>
<td>32 to 42 fl. ozs.</td>
</tr>
</tbody>
</table>

**Specific Use Restrictions**

- **Pre-Harvest Interval:** Do not apply within 21 days before harvest.
- **Maximum single application rate is 42 fluid ounces of this product (0.82 lb. a.i. Chlorpyrifos and 0.05 lb. a.i. Lambda-cyhalothrin) per acre.**
- **Do not make more than 3 applications of this product or other products containing Chlorpyrifos per crop season.**
Do not apply more than a total of 128 fluid ounces of this product (2.5 lbs. a.i. Chlorpyrifos  
and 0.127 lb. a.i. Lambda-cyhalothrin) per acre per year.

Do not make a second application of this product or other products containing Chlorpyrifos  
within 10 days of the first application.

Do not allow meat or dairy animals to graze in treated areas.

Do not feed gin trash or treated forage to meat or dairy animals.

**Maximum Application Rate**: Do not exceed the maximum application rate of active  
ingredient per acre per year allowed by using other Lambda-cyhalothrin or Gamma-cyhalothrin  
containing products. The maximum rate allowed for use if both Lambda-cyhalothrin and  
Gamma-cyhalothrin products are used during the same crop growing season can be calculated  
based upon the listed maximum rates in the following table:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Lambda-cyhalothrin (Lb. a.i./Ac./Season)</th>
<th>Gamma-cyhalothrin (Lb. a.i./Ac./Season)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cotton</td>
<td>0.2</td>
<td>0.1</td>
</tr>
</tbody>
</table>

* When the maximum application rate of Lambda-cyhalothrin is reached, no Gamma-cyhalothrin  
product can be used. The Gamma-cyhalothrin quantity can be multiplied by 2 to calculate  
the total active ingredient based upon Lambda-cyhalothrin.

**SORGHUM** — **GRAIN SORGHUM** (Milo)

Worker Restricted Entry Interval: Do not enter or allow worker entry into treated areas during  
the Restricted Entry Interval (REI) of 24 hours unless PPE required for early entry is worn.

Apply as a post-emergence broadcast spray using sufficient spray volume to ensure  
thorough coverage of treated plants, but no less than 10 gallons per acre for ground spray  
equipment or 2 gallons per acre for aircraft equipment. Control may be reduced at low spray  
volumes under high temperature and wind conditions.

Chemigation: This product may be applied through sprinkler irrigation systems at  
specified broadcast application rates to control foliar pests. See "CHEMIGATION  
APPLICATION" section for application instructions.

**specific USE DIRECTIONS:**

No. 30% to 50% of the seed heads are in bloom

**Chinchi bugs***

Fall armyworms

Flea beetle spp.

Greensbug***

Lesser cornstalk borer***

Yellowstriped armyworm

**specific USE DIRECTIONS:**

*** For Chinchi bugs and Lesser cornstalk borer, apply as a directed spray toward the  
bases of the plant using power-operated ground spray equipment with sufficient  
water to ensure coverage of an 8 to 12 inch band centered in the row. For plants  
less than 6 inches high, apply an 8 to 12 inch band centered over the row. Do not  
reduce the dosage for banded or directed applications. Concentrate the full labeled  
dosage rate in the treated zone.

** For Greensbug, use a higher rate within the rate range when post populations are high.

Best armyworm

Corn earworm

European and Southwestern corn borer

Slink bug spp.

Webworms

**Post-emergence Applications**

Apply as a post-emergence broadcast spray using sufficient spray volume to ensure  
thorough coverage of treated plants, but no less than 10 gallons per acre for ground spray  
equipment or 2 gallons per acre for aircraft equipment. Use higher carrier volume when  
foliage is dense and/or pest pressure is high and/or under high temperatures and wind  
conditions. Apply when field counts indicate damaging pest populations are developing or  
are present. This product may be tank-mixed with Glyphosate products when application is to  
be made to Glyphosate-tolerant Soybeans. Use a higher rate in the rate range when there  
is increased pest pressure.
SUNFLOWER

Worker Restricted Entry Interval: Do not enter or allow worker entry into treated areas during the Restricted Entry Interval (REI) of 24 hours unless PPE required for entry is worn.

Post-emergence Broadcast Application
Apply as a post-emergence broadcast spray using sufficient spray volume to ensure thorough coverage of treated plants, but no less than 10 gallons per acre for ground spray equipment or 2 gallons per acre for aircraft equipment. Use a higher rate in the rate range when there is increased pest pressure.

<table>
<thead>
<tr>
<th>Target Pest</th>
<th>This Product/Ac.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grasshoppers</td>
<td>6 to 13 fl. ozs.</td>
</tr>
<tr>
<td>Green cloverworm</td>
<td></td>
</tr>
<tr>
<td>Velvelbean caterpillar</td>
<td></td>
</tr>
<tr>
<td>Blistet boleli spp.</td>
<td>11 to 25 fl. ozs.</td>
</tr>
<tr>
<td>Cabbage looper</td>
<td></td>
</tr>
<tr>
<td>Cut worms</td>
<td></td>
</tr>
<tr>
<td>Painted lady caterpillar</td>
<td></td>
</tr>
<tr>
<td>Saltmarsh caterpillar</td>
<td></td>
</tr>
<tr>
<td>Silverspotted skipper</td>
<td></td>
</tr>
<tr>
<td>Soybean aphid</td>
<td></td>
</tr>
<tr>
<td>Spider mites</td>
<td></td>
</tr>
<tr>
<td>Webworm spp.</td>
<td></td>
</tr>
<tr>
<td>Wollybear caterpillar</td>
<td></td>
</tr>
<tr>
<td>Yellowstriped armyworm</td>
<td></td>
</tr>
<tr>
<td>Bean leaf beetle</td>
<td>15 to 38 fl. ozs.</td>
</tr>
<tr>
<td>Brown marmorated slink bug</td>
<td></td>
</tr>
<tr>
<td>Corn earworm</td>
<td></td>
</tr>
<tr>
<td>Japanese beetle (Adult)</td>
<td></td>
</tr>
<tr>
<td>Mexican bean beetle</td>
<td></td>
</tr>
<tr>
<td>Mexican corn rootworm (Adult)</td>
<td></td>
</tr>
<tr>
<td>Northern corn rootworm (Adult)</td>
<td></td>
</tr>
<tr>
<td>Potato leafhopper</td>
<td></td>
</tr>
<tr>
<td>Southern corn rootworm beetle (Adult)</td>
<td></td>
</tr>
<tr>
<td>Slink bug spp.</td>
<td></td>
</tr>
<tr>
<td>Three-cornered alfalfa hopper</td>
<td></td>
</tr>
<tr>
<td>Thrips spp.</td>
<td></td>
</tr>
<tr>
<td>Western corn rootworm beetle (Adult)</td>
<td></td>
</tr>
<tr>
<td>Beet armyworm</td>
<td>22 to 38 fl. ozs.</td>
</tr>
<tr>
<td>European corn borer</td>
<td></td>
</tr>
<tr>
<td>Lesser cornstalk borer</td>
<td></td>
</tr>
</tbody>
</table>

Specific Use Precautions
- On determinate Soybeans, do not make more than 1 application after pod set.

Specific Use Restrictions
- Pre-Harvest Interval: Do not apply within 30 days before harvest.

Specific Use Applications
- Maximum Application Rate*: Do not exceed the maximum application rate of active ingredient per acre per year allowed by using other Lambda-cyhalothrin or Gamma-cyhalothrin containing products. The maximum rate allowed for use if both Lambda-cyhalothrin and Gamma-cyhalothrin products are used during the same crop growing season can be calculated based upon the listed maximum rates in the following table:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Lambda-cyhalothrin (Lb. a.i./Ac./Season)</th>
<th>Gamma-cyhalothrin (Lb. a.i./Ac./Season)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybeans</td>
<td>0.06</td>
<td>0.03</td>
</tr>
</tbody>
</table>

* When the maximum application rate of Lambda-cyhalothrin is reached, no Gamma-cyhalothrin product can be used. The Gamma-cyhalothrin quantity can be multiplied by 2 to calculate the total active ingredient based upon Lambda-cyhalothrin.

SPECIFIC USE DIRECTIONS:
* To control Seed weevil, apply when field counts indicate 10 to 12 adults per plant for oil crop varieties and 1 to 3 adults per plant for confectionary crop varieties.
** For Stem weevil, optimal treatment time is within 5 to 7 days after adult Weswils begin to appear.
*** To control larvae or adults of Sunflower beetle, treat when field counts indicate 10 larvae or 1 to 2 adults per plant.
**** To control Sunflower moth, make first application during early 1% to 5% bloom stage.

- Beet armyworm
- Head clipper weevil (Adult)
- Japanese beetle (Adult)
- Leafhopper spp.
- Meadow spittlebug
- Spotted cabbage looper
- Slink bug spp.
- Sunflower maggot (Adult)
- Tarnished plant bug (Lygus*)

SPECIFIC USE DIRECTIONS:
* For Tarnished plant bug (Lygus), use a higher rate in the rate range where populations are heavy. Apply at the onset of pollen spread or approximately 10% bloom (R-5 growth stage). For best protection, make a second application 10 days later. Use sufficient water to ensure thorough coverage of treated plants.

Specific Use Restrictions
- Pre-Harvest Interval: Do not apply within 45 days before harvest.
- Maximum single application rate is 33 fl oz ounces of this product (0.75 lb. a.i. Chlorpyrifos and 0.04 lb. a.i. Lambda-cyhalothrin) per acre.
- Do not make more than 3 applications of this product or other products containing Chlorpyrifos per acre per year.
- Do not apply more than a total of 59 fl oz ounces of this product (1.15 lbs. a.i. Chlorpyrifos and 0.06 lbs. a.i. Lambda-cyhalothrin) per acre per year.
- Do not make a second application of this product or other products containing Chlorpyrifos within 14 days of the first application.
- Do not allow meat of dairy animals to graze in treated areas or otherwise feed treated Soybean forage, hay and straw to meat or dairy animals.

* Maximum Application Rate*: Do not exceed the maximum application rate of active ingredient per acre per year allowed by using other Lambda-cyhalothrin or Gamma-cyhalothrin containing products. The maximum rate allowed for use if both Lambda-cyhalothrin and Gamma-cyhalothrin products are used during the same crop growing season can be calculated based upon the listed maximum rates in the following table:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Lambda-cyhalothrin (Lb. a.i./Ac./Season)</th>
<th>Gamma-cyhalothrin (Lb. a.i./Ac./Season)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybeans</td>
<td>0.06</td>
<td>0.03</td>
</tr>
</tbody>
</table>

Specific Use Restrictions
- Pre-Harvest Interval: Do not apply within 45 days before harvest.
- Maximum single application rate is 33 fl oz ounces of this product (0.75 lb. a.i. Chlorpyrifos and 0.04 lb. a.i. Lambda-cyhalothrin) per acre.
- Do not make more than 3 applications of this product or other products containing Chlorpyrifos per acre per year.
- Do not apply more than a total of 114 fl oz ounces of this product (2.3 lbs. a.i. Chlorpyrifos and 0.12 lbs. a.i. Lambda-cyhalothrin) per acre per year or after bloom initiation.
- Do not make a second application of this product or other products containing Chlorpyrifos within 10 days of the first application.
- Do not allow meat or dairy animals to graze in treated areas.
Almond, Cherry, Nectarine, Peach, Pear, Plum, Prune

<table>
<thead>
<tr>
<th>Crop</th>
<th>Lambda-cyhalothrin (Lb. a.i./Ac./Season)</th>
<th>Gamma-cyhalothrin (Lb. a.i./Ac./Season)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunflower</td>
<td>0.2</td>
<td>0.1</td>
</tr>
</tbody>
</table>

*When the maximum application rate of Lambda-cyhalothrin is reached, no Gamma-cyhalothrin product can be used. The Gamma-cyhalothrin quantity can be multiplied by 2 to calculate the total active ingredient based upon Lambda-cyhalothrin.*

**Tree Fruits** and Almond (Dormant or Delayed Dormant Sprays)

**Worker Restricted Entry Interval:** Do not enter or allow worker entry into treated areas during the Restricted Entry Interval (REI) of 4 days for tree fruits and 24 hours for Almond unless PPE required for early entry is worn.

* Apple, Cherry, Nectarine, Peach, Pear, Plum, Prune
   - Apply as a dormant or delayed dormant spray. While this product may be used without oil, use oil to control additional pests for best results. See precautions for use of oil below.
   - Apply as a concentrate or dilute spray using conventional, power-operated spray equipment. Use sufficient spray volume to completely wet tree foliage, but not to point of runoff. For concentrate sprays (less than 200 gals. per acre), use a higher rate in the rate range when there is increased pest pressure.
   - Use Precautions for Tree Fruits and Almond
     - Cold or dry conditions may cause this product plus oil sprays to infuse into trees resulting in bud damage or bud drop. Do not apply until winter rains or irrigation has replenished soil moisture such that bark and twigs are not desiccated.
   - To avoid contamination of irrigation tail waters, do not flood irrigate within 24 hours of application of this product.
   - Use Restrictions for Tree Fruits and Almond
     - Do not make more than 1 application of Chlorpyrifos or other products containing Chlorpyrifos during the dormant season.
     - For Apple, do not make more than 1 application of this product or other products containing Chlorpyrifos to the Apple tree trunk per acre per year as either a pre-bloom or post-bloom application.
     - Maximum single application rate is 100 fluid ounces of this product (2 lbs. a.i. Chlorpyrifos and 0.1 lbs. a.i. Lambda-cyhalothrin) per acre.
     - Do not apply more than a total of 100 fluid ounces of this product (2 lbs. a.i. Chlorpyrifos and 0.1 lbs. a.i. Lambda-cyhalothrin) per acre per year as a dormant or delayed dormant application.
     - Do not allow meat or dairy animals to graze in treated orchards.

**Maximum Application Rate:** Do not exceed the maximum application rate of active ingredient per acre per year allowed by using other Lambda-cyhalothrin or Gamma-cyhalothrin containing products. The maximum rate allowed for use if both Lambda-cyhalothrin and Gamma-cyhalothrin products are used during the same crop growing season can be calculated based upon the listed maximum rates in the following table:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Lambda-cyhalothrin (Lb. a.i./Ac./Season)</th>
<th>Gamma-cyhalothrin (Lb. a.i./Ac./Season)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tree fruits</td>
<td>0.2</td>
<td>0.1</td>
</tr>
<tr>
<td>Almond</td>
<td>0.16</td>
<td>0.08</td>
</tr>
</tbody>
</table>

**Specific Use Precautions for Almond, Cherry, Nectarine, Peach, Pear, Plum, Prune**
- Avoid contact with foliage in Sweet cherry as premature leaf drop may result.
- **Specific Use Restrictions for Almond, Cherry, Nectarine, Peach, Pear, Plum, Prune**
  - Do not make a soil or foliar application of this product or other products containing Chlorpyrifos within 10 days of a dormant or delayed dormant application of Chlorpyrifos to the orchard.
  - Do not exceed the maximum rate of 0.08 lb. active ingredient per acre per year allowed by using other Lambda-cyhalothrin or Gamma-cyhalothrin containing products. The maximum rate allowed for use if both Lambda-cyhalothrin and Gamma-cyhalothrin products are used during the same crop growing season can be calculated based upon the listed maximum rates in the “Maximum Application Rate” table above.

**Additional Restrictions Specific to California for Almond, Cherry, Nectarine, Peach, Pear, Plum, Prune**
- Do not use more than 1% dormant oil in Almond orchards less than 4 years old.
- Use a minimum of 100 gallons per acre of total spray volume.
- Use up to 2% supreme oil with no more than 4 gallons per acre on Almond.
- Use up to 2% supreme oil with no more than 6 gallons per acre on Nectarine and Peach.
- Refer to the University of California pest management guide for Pear, Plum and Prune.
- Do not use any adjuvants or surfactants in addition to, or as a substitute for a petroleum spray oil in a tank-mix with this product.
- Do not apply on Almond in the following counties in California: Butte, Colusa, Glenn, Solano, Sutter, Tehama, Yolo and Yuba.

**Apple**

<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Pest</th>
<th>This Product/Lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rosy apple aphid</td>
<td>64 to 100 lbs.</td>
<td></td>
</tr>
<tr>
<td>San Jose scale</td>
<td>64 to 100 lbs.</td>
<td></td>
</tr>
</tbody>
</table>

**Specific Use Restrictions for Apple**
- Only 1 application of any Chlorpyrifos containing product can be made per acre per year. The application can be either a pre-bloom dormant or delayed dormant spray to the canopy or the trunk or a post-bloom application to the lower 4 feet of the trunk. For post-bloom application instructions and restrictions on Apple, refer to “TREE FRUITS AND TREE NUTS (Trunk Spray or Pre-plant Dip)” section of the label.

**Additional Restrictions Specific to California for Apple**
- Use a minimum of 100 gallons per acre of total spray volume.
- Refer to the University of California pest management guide for Apple.
- Do not use any adjuvants or surfactants in addition to, or as a substitute for a petroleum spray oil in a tank-mix with this product.

**Tree Fruits** and Tree Nuts (Trunk Spray Or Pre-plant Dip)

**Worker Restricted Entry Interval:** Do not enter or allow worker entry into treated areas during the Restricted Entry Interval (REI) of 4 days for tree fruits and 24 hours for tree nuts unless PPE required for early entry is worn.

* Apple, Cherry, Nectarine, Peach
APPLE TREE TRUNK (Post-Bloom Application)

Apply as a post-bloom application to the lower 4 feet of the apple tree trunk for Borer control in States east of the Rockies only. Mix with water and apply directly to trunk from a distance of no more than 4 feet using low volume handgun or shielded spray equipment. Do not allow spray to contact foliage or fruit.

<table>
<thead>
<tr>
<th>Target Pest</th>
<th>This Product/100 Gals.</th>
</tr>
</thead>
<tbody>
<tr>
<td>American plum borer</td>
<td>41.5 fl. ozs.</td>
</tr>
<tr>
<td>Apple bark borer</td>
<td></td>
</tr>
<tr>
<td>Broadnecked root borer</td>
<td></td>
</tr>
<tr>
<td>Dogwood borer</td>
<td></td>
</tr>
<tr>
<td>Flatheaded apple tree borer</td>
<td></td>
</tr>
<tr>
<td>Roundheaded apple tree borer</td>
<td></td>
</tr>
<tr>
<td>Tilehorned prunus</td>
<td></td>
</tr>
</tbody>
</table>

Specific Use Restrictions

- Pre-Harvest Interval: Do not apply within 28 days before harvest.
- Maximum single application rate is 41.6 fluid ounces of this product (0.81 lb. a.i. Chlorpyrifos and 0.05 lb. a.i. Lambda-cyhalothrin) per 100 gallons per acre.
- Do not make more than 1 application of this product per acre per year to the Apple tree trunk either as a pre-bloom or post-bloom application.
- Do not apply more than a total of 41.6 fluid ounces of this product (0.81 lb. a.i. Chlorpyrifos and 0.05 lb. a.i. Lambda-cyhalothrin) per 100 gallons per acre per year.
- This product may not be used if a pre-bloom application of any other products containing Chlorpyrifos has been made during the year.
- Do not allow meat or dairy animals to graze in treated orchards.
- Do not apply when wind speed is greater than 10 mph.

ALMOND, CHERRY, NECTARINE, PEACH

Apply this product to tree trunks and lower branches using a coarse, low pressure spray to control pests listed in the following table. Apply as required by scouting, usually at intervals of 5 days or more. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds and IPM recommendations. Use a higher rate in the rate range when there is increased pest pressure. Unless otherwise specified, a second application may be made after 2 weeks and a third application may be made after harvest. Avoid spray contact with foliage in Sweet Cherry as premature leaf drop may result. Consult your State agricultural experiment station or extension service specialist for proper application timing for your area.

<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Pest</th>
<th>This Product/100 Gals.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cherry</td>
<td>American plum borer</td>
<td>76.8 to 153.6 fl. ozs.</td>
</tr>
<tr>
<td></td>
<td>Greater peach tree borer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lesser peach tree borer</td>
<td></td>
</tr>
<tr>
<td>Almond</td>
<td>Peach tree borer*</td>
<td>153.6 fl. ozs.</td>
</tr>
<tr>
<td>Nectarine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Peach</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SPECIFIC USE DIRECTIONS:

- Nectarine and Peach Only: Pre-plant Dip Application: For pre-plant control of Peach tree borer, use this product at the equivalent application rate of 96 fl. ozs. per 100 gallons of water. Dip trees several inches above the grafting bud scar and plant immediately or allow them to dry before returning to storage. Do not allow Peach trees to remain in contact with the dip solution.

Specific Use Restrictions

- Pre-Harvest Interval: Do not apply within 14 days before harvest of Almond, Nectarine and Peach within 21 days before harvest of Cherry.
- Do not make more than 1 application of Chlorpyrifos per acre per year in Almond, Nectarine, Peach and Plum and no more than 3 applications of Chlorpyrifos per acre per year in Cherries.
- Do not apply more than a total of 153.6 fluid ounces of this product (3.0 lb. a.i. Chlorpyrifos) per acre per year in Almonds, Cherries, Nectarine, Peach and Plum per acre per year.
- Do not exceed the maximum rate of 0.16 lb. active ingredient per acre per year allowed by using other Lambda-cyhalothrin or Gamma-cyhalothrin containing products. The maximum rate allowed for use if both Lambda-cyhalothrin and Lambda-cyhalothrin products are used during the same crop growing season can be calculated based on the listed maximum rates in the "Maximum Application Rate" table below.
- Do not allow meat or dairy animals to graze in treated orchards.
- Maximum Application Rate*: Do not exceed the maximum application rate of active ingredient per acre per year allowed by using other Lambda-cyhalothrin or Gamma-cyhalothrin containing products. The maximum rate allowed for use if both Lambda-cyhalothrin and Gamma-cyhalothrin products are used during the same crop growing season can be calculated based on the listed maximum rates in the following table:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Lambda-cyhalothrin (Lb. a.i./Ac./Season)</th>
<th>Gamma-cyhalothrin (Lb. a.i./Ac./Season)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tree fruits</td>
<td>0.2</td>
<td>0.1</td>
</tr>
<tr>
<td>Tree nuts</td>
<td>0.16</td>
<td>0.08</td>
</tr>
</tbody>
</table>

* When the maximum application rate of Lambda-cyhalothrin is reached, no Gamma-cyhalothrin product can be used. The Gamma-cyhalothrin quantity can be multiplied by 2 to calculate the total active ingredient based upon Lambda-cyhalothrin.

TREE NUTS* (Foliar Sprays)

Worker Restricted Entry Interval: Do not enter or allow worker entry into treated areas during the Restricted Entry Interval (REI) of 24 hours unless PPE required for early entry is worn.

* Almond, Filbert, Pecan, Walnut

Apply this product as a foliar spray at the dosages indicated to control pests listed in the following table. Mix the required dosage in sufficient water to ensure thorough and complete coverage of the foliage and crop and apply as a concentrate or dilute spray using conventional, power-operated spray equipment. For dilute sprays applied to tree nut crops, mix the required dosage in sufficient water to allow for spray to runoff. For concentrate sprays, apply an equivalent amount of this product per acre. Treat when pests appear or in accordance with local conditions. Aerial application may result in less effective insect control because of reduced coverage. Consult your State agricultural experiment station, certified pest control advisor or extension service specialist for specific use information in your area.

<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Pest</th>
<th>This Product/Ac.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Almond</td>
<td>Ant spp.</td>
<td>22 to 57 fl. ozs.</td>
</tr>
<tr>
<td></td>
<td>Leaf footed bug</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Leaf roller spp.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Navel orange worm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Peach twig borer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stink bug spp.</td>
<td></td>
</tr>
<tr>
<td>Filbert</td>
<td>Brown marmorated slug bug</td>
<td>22 to 57 fl. ozs.</td>
</tr>
<tr>
<td></td>
<td>Eye-spotted bud moth</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Filbert aphid</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Filbert leaf roller</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Filbert worm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olitique banded leaf roller</td>
<td></td>
</tr>
</tbody>
</table>

(Continued)
### Specific Use Precautions
- This product is highly toxic to bees exposed to direct treatment and should not be applied when bees are foraging in the treated area.
- To avoid contamination of irrigation tail waters, do not flood irrigate within 24 hours of application of this product.

### Specific Use Restrictions
- **Pre-Harvest Interval:** Do not apply within 14 days of harvest of Almonds, Filberts and Walnuts or 28 days harvest of Pecans.
- **Maximum single application rate:** 57 fluid ounces of this product (1.12 lbs. a.i. Chlorpyrifos and 0.06 lb. a.i. Lambda-cyhalothrin) per acre.
- **Do not make more than 3 applications:** of this product or other products containing Chlorpyrifos to Almonds, Filberts and Pecans per acre per year and no more than 2 applications on Walnuts per acre per year.
- **Do not apply more than a total of:** 158 fluid ounces (3.09 lbs. a.i. Chlorpyrifos and 0.16 lb. a.i. Lambda-cyhalothrin) per acre per year as a foliar spray on Almonds.
- **Do not make a second application:** of this product or other products containing Chlorpyrifos within 10 days of the first application.
- **Do not allow meat or dairy animals to graze in treated orchards.**

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### Maximum Application Rate
- Do not exceed the maximum application rate of active ingredient per acre per year allowed by using other Lambda-cyhalothrin or Gamma-cyhalothrin containing products. The maximum rate allowed for use if both Lambda-cyhalothrin and Gamma-cyhalothrin products are used during the same crop growing season can be calculated based upon the listed maximum rates in the following table:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Lambda-cyhalothrin (Lb. a.i./Ac./Season)</th>
<th>Gamma-cyhalothrin (Lb. a.i./Ac./Season)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treas nuts</td>
<td>0.16</td>
<td>0.08</td>
</tr>
</tbody>
</table>

*When the maximum application rate of Lambda-cyhalothrin is reached, no Gamma-cyhalothrin product can be used. The Gamma-cyhalothrin quantity can be multiplied by 2 to calculate the total active ingredient based upon Lambda-cyhalothrin.*

### WHEAT

**Worker Restricted Entry Interval:** Do not enter or allow worker entry into treated areas during the Restricted Entry Interval (REI) of 24 hours unless PPE required for early entry is worn.

(For use only in Arizona, California, Colorado, Idaho, Kansas, Minnesota, Montana, Nebraska, New Mexico, Nevada, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington and Wyoming)

Apply as a post-emergence broadcast spray using sufficient spray volume to ensure thorough coverage of treated plants, but no less than 10 gallons per acre for ground spray equipment or 2 gallons per acre for aircraft equipment. Apply when field counts indicate damaging pest populations are developing or present.

**Chemigation:** This product may be applied through sprinkler irrigation systems at specified broadcast application rates to control listed foliar pests. See "CHEMIGATION APPLICATION" section for application instructions.

### Target Pest | This Product/Ac.
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Aphis spp. (such as English grain aphid, Greenbug, Oat bird-cherry aphid, Russian wheat aphid)*</td>
<td>6 to 13 fl. ozs.</td>
</tr>
<tr>
<td>Brown Wheat Mite</td>
<td>11 to 25 fl. ozs.</td>
</tr>
</tbody>
</table>

**SPECIFIC USE DIRECTIONS:**
* Consult university extension bulletins for local treatment recommendations.

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### Specific Use Restrictions
- **Pre-Harvest Interval:** Do not apply within 14 days of harvest of forage hay or within 30 days of harvest of grain and straw.
- **Maximum single application rate:** 25 fluid ounces of this product (0.5 lbs. a.i. Chlorpyrifos and 0.026 lbs. a.i. Lambda-cyhalothrin) per acre.
Do not apply more than a total of 50 fluid ounces of this product (1 lb. a.i. Chlorpyrifos and 0.05 lb. a.i. Lambda-cyhalothrin) per acre per year.

Do not make more than 2 applications of this product or other products containing Chlorpyrifos per acre./p

Do not allow meat or dairy animals to graze or otherwise feed on treated forage within 7 days after last treatment.

Do not feed straw from treated Wheat within 30 days of application.

Maximum Application Rate*: Do not exceed the maximum application rate of active ingredient per acre per year allowed by using other Lambda-cyhalothrin or Gamma-cyhalothrin containing products. The maximum rate allowed for use if both Lambda-cyhalothrin and Gamma-cyhalothrin products are used during the same crop growing season can be calculated based upon the listed maximum rates in the following table:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Lambda-cyhalothrin (Lb. a.i./Ac./Season)</th>
<th>Gamma-cyhalothrin (Lb. a.i./Ac./Season)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheat</td>
<td>0.12</td>
<td>0.08</td>
</tr>
</tbody>
</table>

* When the maximum application rate of Lambda-cyhalothrin is reached, no Gamma-cyhalothrin product can be used. The Gamma-cyhalothrin quantity can be multiplied by 2 to calculate the total active ingredient based upon Lambda-cyhalothrin.

**STORAGE AND DISPOSAL**

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

PESTICIDE STORAGE: Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

Nonrefillable Container (rigid material; less than 5 gals.): Nonrefillable container.

Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container one-fourth full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

Nonrefillable Container (rigid material; 5 gals. up to < 250 gals.): Nonrefillable container.

Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

Refillable Container (≥ 250 gals. & Bulk): Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

**WARRANTY—CONDITIONS OF SALE**

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically directed and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.
**RESTRICTED USE PESTICIDE**

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.

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**Lambdaphos™ Insecticide**

For the control of listed insects in field, fruit, nut, and vegetable crops.

**ACTIVE INGREDIENTS:**
- Chlorpyrifos: 28.12%
- Lambda-cyhalothrin: 1.44%

**OTHER INGREDIENTS:**
- 70.44%
- Petrolatum: 0.08%

This product contains 2.56% of Chlorpyrifos and 0.13% of Lambda-cyhalothrin active ingredients per gallon.

Contains petrolatum distillate.

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**KEEP OUT OF REACH OF CHILDREN**

**WARNING / AVISO**

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

See Booklet for Full Use Instructions

**SAFE WELL BEFORE USING**

EPA Reg. No. 19713-671
EPA Est. No. 19713-GA-2

**FIRST AID**

(Oragnophosphate)

**IF SWALLOWED:**
- Immediately call a poison control center or doctor.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything to the person.
- Do not give anything by mouth to an unconscious person.

**IF INHALED:**
- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

**IF IN EYES:**
- Hold eye open and rinse slowly and gently with water for 15 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 further treatment advice.

**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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call CHEMTREC at 800-424-9300 for emergency.

**NOTE TO PHYSICIAN:** Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate significance of exposure (baseline data are useful). Atropine, only by injection, is the preferred antidote. Chlorthiaxone, such as 2-PAM/pipracil, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use atropine immediately after establishing an open airway and respiration. Contains petrolatum distillate—vomiting may cause aspiration pneumonia.

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**PRECAUTIONARY STATEMENTS**

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Materials that are chemical resistant to this product are barrier laminates and vinyl ≥14 mils. Mixers and loaders using a mechanical transfer loading system and applicators using aerial application equipment must wear: Long-sleeved shirt and long pants, shoes and socks, and protective eyewear.

In addition to the above, mixers and loaders using a mechanical transfer loading system must wear: Chemical resistant gloves, chemical resistant apron, a NIOSH approved particulate respirator with an R or P filter with NIOSH approval number prefix TC-B8A or a NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C.

See “ENGINEERING CONTROLS” for additional requirements.

All other mixers, loaders, applicators, and handlers must wear: Coveralls over long-sleeved shirt and long pants, chemical resistant gloves, chemical resistant apron when mixing or loading or exposed to the concentrate, chemical resistant footwear plus socks, chemical resistant headgear for overhead exposure and a NIOSH approved particulate respirator with an R or P filter with NIOSH approval number prefix TC-B8A or a NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C.

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.

**ENGINEERING CONTROLS**

Mixers and loaders supporting aerial applications must use a mechanical transfer system that meets the requirements listed in the Worker Protection Standard (WPS) for Agricultural Pesticides [40 CFR 170.240(d)(4)] for dermal protection and must:
- Wear the personal protective equipment required above for mixers/loaders.
- Wear protective eyewear.
- Wear protective footwear. Pests must use an enclosed cockpit in a manner that meets the requirements listed in the WPS for Agricultural Pesticides [40 CFR 170.240(d)(16)].
- Use of human flaggers is prohibited. Mechanical flagging equipment must be used.
- When handlers use closed cab motorized ground application equipment in a manner that meets the requirements listed in the WPS for Agricultural Pesticides [40 CFR 170.240(d)(8-9)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

Users should:
1. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
2. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. 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**

(See booklet for complete Environmental Hazards.)

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE**
Store in original container in secure dry storage area. Prevent cross-contamination with other pesticides and fertilizers.

**PESTICIDE DISPOSAL**
Waste resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING**
Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container one-fourth full with water and recap. Shake for 10 seconds. Four rinse into application equipment or a mix tank or store container for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures approved by State and local authorities.

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