



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Registration Division (7505P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

89168-123

Date of Issuance:

3/2/22

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Liberty Pyriproxyfen 0.5 G

Name and Address of Registrant (include ZIP Code):

Liberty Crop Protection, LLC  
 1880 Fall River Drive, Suite 100  
 Loveland, CO 80538

**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 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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 89168-123."
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Signature of Approving Official:

Date:

3/2/22

For:

Marion Johnson, Acting Product Manager 10  
 Invertebrate & Vertebrate Branch 2, Registration Division (7505P)

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is attached for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 01/15/2021
- Alternate CSF 1 dated 01/15/2021

If you have any questions, please contact David Drawbaugh by phone at 202-566-2604, or via email at [Drawbaugh.David@epa.gov](mailto:Drawbaugh.David@epa.gov)

Attachment

# Sub-label A

[Note to reviewer: [Text] in brackets denotes optional text].

[Note to reviewer: {Text} in braces denotes where in the final label text will appear.]

{BOOKLET FRONT PANEL LANGUAGE}

PYRIPROXYFEN	GROUP	7	INSECTICIDE
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## LIBERTY PYRIPROXYFEN 0.5 G

Insect Growth Regulator  
For Use on Ornamental and Nursery Crops

<b>ACTIVE INGREDIENT:</b>	<b>By Wt</b>
Pyriproxyfen* .....	0.5%
<b>OTHER INGREDIENTS:</b> .....	<u>99.5%</u>
<b>TOTAL:</b> .....	100.0%

\*2-[1-methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine

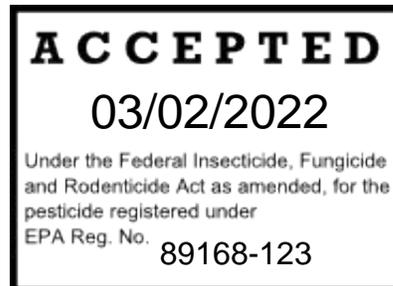
**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See inside label booklet for First Aid, Precautionary Statements and Directions for Use.

EPA Reg. No.: 89168-xx  
EPA Est. No.:  
Net Contents: \_\_\_\_\_ lb

**Manufactured For:**  
LIBERTY CROP PRODUCTION, LLC  
1880 FALL RIVER DRIVE, SUITE 100  
LOVELAND, CO 80538

030122



## {LANGUAGE INSIDE BOOKLET}

<b>FIRST AID</b>	
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted).	

**For Chemical Emergency  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)**

## **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION**

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### **PERSONAL PROTECTIVE EQUIPMENT (PPE):**

#### **Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants,
- Waterproof gloves,
- Socks plus shoes

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.

## **USER SAFETY RECOMMENDATIONS**

### **Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE 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 toxic to fish and aquatic invertebrates. **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. **DO NOT** contaminate water by disposing of equipment washwaters or rinsate.

## Physical-Chemical Hazards

**DO NOT mix or allow coming in contact with oxidizing agent. Hazardous Chemical reaction may occur.**

### DIRECTIONS FOR USE

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

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

#### USE RESTRICTIONS ON ALL CROPS

- Apply this product only as specified the EPA approved label and any supplemental labeling.
- **DO NOT apply this product through any type of irrigation system.**
- **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.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 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 (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

**DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.**

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, including plants, soil, or water, is:

- Coveralls over long-sleeved shirt and long pants,
- Waterproof gloves,
- Socks plus shoes

#### NON-AGRICULTURAL USE REQUIREMENTS

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

For other uses, **DO NOT** enter treated areas until any dusts have settled.

### TANK MIXES

**NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor, to the extent allowed by applicable law.**

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

## RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance-management, LIBERTY PYRIPROXYFEN 0.5 G contains a Group 7 insecticide. Any insect population may contain individuals naturally resistant to LIBERTY PYRIPROXYFEN 0.5 G and other Group 7 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance management strategies should be followed. To reduce the potential for developing insect resistance, rotate to an insecticide with a different mode of action. Monitor treated pest populations for resistance development. Read product label before applying any insecticide and follow label directions.

To delay insecticide resistance, take the following steps:

- Rotate the use of LIBERTY PYRIPROXYFEN 0.5 G or other Group 7 insecticides within a growing season, or among growing seasons, with different groups that control the same pests. Avoid application of more than the maximum seasonal use rate or the total number of consecutive sprays of LIBERTY PYRIPROXYFEN 0.5 G per season.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. **DO NOT** rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
  - o Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
  - o Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  - o When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - o Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
  - o The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide/acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact LIBERTY CROP PROTECTION at 844-425-8488. You can also contact your pesticide distributor or university extension specialist to report resistance.

## PRODUCT INFORMATION

LIBERTY PYRIPROXYFEN 0.5 G is an Insect Growth Regulator similar to naturally occurring insect growth hormones which interfere with (stops) their growth or development. LIBERTY PYRIPROXYFEN 0.5 G breaks the reproductive life cycle of the ants, causing starvation of the colony. LIBERTY PYRIPROXYFEN 0.5 G is a slow acting, highly effective ant control product. Worker ants pick up the bait granules and take them back to the colony. Workers feed the bait to both the queen and the immature ants thereby preventing worker replacement. Due to degeneration of reproductive organs, the ant queen cannot replace workers. The lack of worker ant replacement results in colony death as the existing worker ants age and die. Within 3 to 4 weeks there is substantial colony mortality and within 8 weeks the majority of the colony population has been eliminated.

## WHERE TO USE

For best results, follow directions for specific use areas.

- This product may be used in the following areas: Indoor and outdoor container or field grown ornamentals in commercial nurseries (including trees, shrubs, flowers, evergreens, foliage plants and ground covers), ornamental tree farms, conifers and conifer nurseries, sod farms.
- Bearing and non-bearing fruit and nut trees, non-bearing citrus in commercial nurseries and tree farms.
- Residential/domestic sites, defined as areas associated with the household or home life including apartment complexes, condominiums and patient care areas of nursing homes, mental institutions, hospitals or convalescent homes<sup>[1]</sup>,
- Uncultivated, non-agricultural areas, including airports, roadsides, highway rights-of-way, utility rights-of-way, campgrounds and industrial sites,
- Institutional sites defined as areas around properties or facilities providing a service to public or private organizations including hospitals, nursing homes, schools, universities, colleges, museums, libraries, sport facilities, golf courses and office buildings.

[<sup>1</sup>Not for use in] [California] [New York]

PESTS	PRODUCT RATES PER ACRE (lb ai/Acre)	INSTRUCTIONS
<p>Ants            Bigheaded Ant            Imported Fire Ant            Native Fire Ant            Pavement Ant            Red Imported Fire Ant            Southern (California) Fire Ant</p>	<p>Broadcast            1.0 to 1.5 lb            (0.05 to 0.75 lb            pyriproxyfen)</p> <p>Individual Mount            Treatment            1 to 4 level Tbsp</p>	<p><b>Broadcast or Aerial Application:</b> Apply uniformly with ground or aerial equipment calibrated to give the correct dosage. Repeat after 12 to 16 weeks if needed.</p> <p><b>WHEN TO APPLY</b>            Apply LIBERTY PYRIPROXYFEN 0.5 G in the early Spring or Summer at the first sign of ant activity. Applications may be made any time of the day but are more effective when ants are actively foraging, usually when the soil temperature is above 60 °F.</p> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• <b>DO NOT</b> water treated area for 24 hours after application.</li> </ul> <p>Avoid application if rain is expected within 4 to 6 hours. In the event of prolonged rains after initial treatment, reapplication may be necessary.</p> <p>Fall applications of LIBERTY PYRIPROXYFEN 0.5 G may also be made and will provide extended control into the next season. Make applications before soil temperature falls below 60 °F.</p> <p>A second application of LIBERTY PYRIPROXYFEN 0.5 G may be advisable after 12 to 16 weeks in areas of heavy infestations, or when the mounds remain active, or when a reinfestation occurs. In large mounds, some worker ants may persist for a while after the queen is dead. For 7 to 10 days after treatment, <b>DO NOT</b> apply any other ant pesticide. This is to allow sufficient time for the worker ants to seek out the bait and take it back to the mound.</p> <p>After 14 days, it may be desirable to apply a registered ant pesticide to kill remaining foraging ants.</p> <p>In areas with heavy infestations of ants, individual mounds may be treated with a contact insecticide after a broadcast application of LIBERTY PYRIPROXYFEN 0.5 G. Wait at least 7 to 10 days after application, and then apply LIVID 90 PRILL or LIVID 97 PRILL to individual mounds according to the label.</p> <p><b>Individual Mound Treatment</b></p> <ul style="list-style-type: none"> <li>• Apply 1 to 4 level Tbsp of LIBERTY PYRIPROXYFEN 0.5 G per mound, uniformly distributing material 3 to 4 ft around the mound. <b>DO NOT</b> disturb the mound. Repeat after 12 to 16 weeks if needed.</li> </ul> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• <b>DO NOT</b> apply to top of mounds.</li> </ul>

## **STORAGE AND DISPOSAL**

**DO NOT** contaminate water, food, or feed by storage, disposal or cleaning of equipment.

### **PESTICIDE STORAGE**

Keep this product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals, and away from other pesticides, fertilizers, food or feed.

### **PESTICIDE DISPOSAL**

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

### **CONTAINER HANDLING**

Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by other procedures approved by state or local authorities.

## **CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of LIBERTY CROP PROTECTION LLC or Seller. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW all such risks shall be assumed by Buyer and User and Buyer and User agree to hold LIBERTY CROP PROTECTION LLC and Seller harmless for any claims relating to such factors.

LIBERTY CROP PROTECTION LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or LIBERTY CROP PROTECTION LLC, and TO THE EXTENT CONSISTENT WITH APPLICABLE LAW Buyer and User assume the risk of any such use. To the extent consistent with applicable law LIBERTY CROP PROTECTION LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither LIBERTY CROP PROTECTION LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF LIBERTY CROP PROTECTION LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF LIBERTY CROP PROTECTION, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

LIBERTY CROP PROTECTION LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of Sale and Limitation of Warranty and Liability which may not be modified except by written agreement signed by a duly authorized representative of LIBERTY CROP PROTECTION LLC.

# Sub-label B

[Note to reviewer: [Text] in brackets denotes optional text].

[Note to reviewer: {Text} in braces denotes where in the final label text will appear.]

{BOOKLET FRONT PANEL LANGUAGE}

PYRIPROXYFEN	GROUP	7	INSECTICIDE
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## LIBERTY PYRIPROXYFEN 0.5 G

Insect Growth Regulator  
For Use on Agricultural Turf and Food Crops

<b>ACTIVE INGREDIENT:</b>	<b>By Wt</b>
Pyriproxyfen* .....	0.5%
<b>OTHER INGREDIENTS:</b> .....	<u>99.5%</u>
<b>TOTAL:</b> .....	100.0%

\*2-[1-methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See inside label booklet for First Aid, Precautionary Statements and Directions for Use.

EPA Reg. No.: 89168-XX

EPA Est. No.:

Net Contents: \_\_\_ lb

**Manufactured For:**  
LIBERTY CROP PROTECTION, LLC  
1880 FALL RIVER DRIVE, SUITE 100  
LOVELAND, CO 80538

030122

## {LANGUAGE INSIDE BOOKLET}

<b>FIRST AID</b>	
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted).	

**For Chemical Emergency  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)**

## **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION**

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### **PERSONAL PROTECTIVE EQUIPMENT (PPE):**

#### **Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants,
- Waterproof gloves,
- Socks plus shoes

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.

## **USER SAFETY RECOMMENDATIONS**

### **Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE 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 toxic to fish and aquatic invertebrates. **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. **DO NOT** contaminate water by disposing of equipment washwaters or rinsate.

## **Physical-Chemical Hazards**

**DO NOT mix or allow coming in contact with oxidizing agent. Hazardous Chemical reaction may occur.**

## DIRECTIONS FOR USE

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

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

### USE RESTRICTIONS ON ALL CROPS

- Apply this product only as specified the EPA approved label and any supplemental labeling.
- **DO NOT apply this product through any type of irrigation system.**
- **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.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 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 (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

**DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.**

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, including plants, soil, or water, is:

- Coveralls over long-sleeved shirt and long pants,
- Waterproof gloves,
- Socks plus shoes

### NON-AGRICULTURAL USE REQUIREMENTS

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

For other uses, **DO NOT** enter treated areas until any dusts have settled.

### TANK MIXES

**NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor, to the extent allowed by applicable law.**

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

## RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance-management, LIBERTY PYRIPROXYFEN 0.5 G contains a Group 7 insecticide. Any insect population may contain individuals naturally resistant to LIBERTY PYRIPROXYFEN 0.5 G and other Group 7 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance management strategies should be followed. To reduce the potential for developing insect resistance, rotate to an insecticide with a different mode of action. Monitor treated pest populations for resistance development. Read product label before applying any insecticide and follow label directions.

To delay insecticide resistance, take the following steps:

- Rotate the use of LIBERTY PYRIPROXYFEN 0.5 G or other Group 7 insecticides within a growing season, or among growing seasons, with different groups that control the same pests. Avoid application of more than the maximum seasonal use rate or the total number of consecutive sprays of LIBERTY PYRIPROXYFEN 0.5 G per season.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. **DO NOT** rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
  - o Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
  - o Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  - o When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - o Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
  - o The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide/acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact LIBERTY CROP PROTECTION at 844-425-8488. You can also contact your pesticide distributor or university extension specialist to report resistance.

## PRODUCT INFORMATION

LIBERTY PYRIPROXYFEN 0.5 G is an Insect Growth Regulator similar to naturally occurring insect growth hormones which interfere with (stops) their growth or development. LIBERTY PYRIPROXYFEN 0.5 G breaks the reproductive life cycle of the ants, causing starvation of the colony. LIBERTY PYRIPROXYFEN 0.5 G is a slow acting, highly effective ant control product. Worker ants pick up the bait granules and take them back to the colony. Workers feed the bait to both the ant queen and the immature ants thereby preventing worker replacement. Due to degeneration of reproductive organs, the queen cannot replace workers. The lack of worker ant replacement results in colony death as the existing worker ants age and die. Within 3 to 4 weeks there is substantial colony mortality and within 8 weeks the majority of the colony population has been eliminated.

## NON CROP AREAS

Agricultural sites, defined as areas associated with the farm, including the areas around farm houses, barns, agricultural equipment and farm irrigation equipment.

PESTS	PRODUCT RATES PER ACRE (lb ai/Acre)	INSTRUCTIONS
<p>Ants Bigheaded Ant Imported Fire Ant Native Fire Ant Pavement Ant Red Imported Fire Ant Southern (California) Fire Ant</p>	<p>1.0 to 2.0 lb (0.05 to 0.1 lb pyriproxyfen)</p>	<p><b>Broadcast or Aerial Application:</b> Apply uniformly with ground or aerial equipment calibrated to give the correct dosage. Repeat after 12 to 16 weeks if needed.</p> <p><b>WHEN TO APPLY</b> Apply LIBERTY PYRIPROXYFEN 0.5 G in the early Spring or Summer at the first sign of ant activity. Applications may be made any time of the day but are more effective when ants are actively foraging, usually when the soil temperature is above 60 °F. Avoid application if rain is expected within 4 to 6 hours. <b>DO NOT</b> water treated area for 24 hours after application. In the event of prolonged rains after initial treatment, reapplication may be necessary.</p> <p>A second application of LIBERTY PYRIPROXYFEN 0.5 G may be required after 12 to 16 weeks in areas of heavy infestations, or when the mounds remain active, or when a reinfestation occurs. In large mounds, some worker ants may persist for a while after the queen is dead. For 7 to 10 days after treatment, <b>DO NOT</b> apply any other ant pesticide. This is to allow sufficient time for the worker ants to seek out the bait and take it back to the mound.</p> <p>After 14 days, it may be desirable to apply a registered ant pesticide to kill remaining foraging ants.</p> <p><b>Individual Mound Treatment</b></p> <ul style="list-style-type: none"> <li>• Apply 2 to 4 level Tbsp of LIBERTY PYRIPROXYFEN 0.5 G per mound, uniformly distributing material 3 to 4 ft around the mound. <b>DO NOT</b> disturb the mound. Repeat after 12 to 16 weeks if needed.</li> </ul> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• <b>DO NOT</b> apply to top of mounds.</li> </ul>

## FOOD AND FEED CROPS

CROPS	PESTS	PRODUCT RATES PER ACRE (lb ai/Acre)	INSTRUCTIONS
<p><b>For Crop Groups</b> (See Crop Group Descriptions)</p> <p>Berry (Low Growing Except Strawberry)<sup>[1]</sup></p> <p>Brassica (Cole) Leafy Vegetables</p> <p>Bulb Vegetables <sup>[2]</sup></p> <p>Bushberry</p> <p>Caneberry<sup>[1]</sup></p> <p>Cereal Grains<sup>[1]</sup></p> <p>Citrus Fruits</p> <p>Cucurbits</p> <p>Foliage of Legume Vegetables<sup>[1]</sup></p> <p>Fruiting Vegetables</p> <p>Herb<sup>[1]</sup></p> <p>Leafy Vegetables (Except Brassica Vegetables)<sup>[1]</sup></p> <p>Leaves of Root and Tuber Vegetables<sup>[1]</sup></p> <p>Legume Vegetables (Succulent or Dried)<sup>[3]</sup></p> <p>Nongrass Animal Feeds<sup>[1]</sup></p> <p>Pome Fruit</p> <p>Root and Tuber Vegetables<sup>[1]</sup></p> <p>Small Fruit Vine Climbing Crops (Except Grape)<sup>[1]</sup></p> <p>Stone Fruit</p> <p>Tree Nuts</p> <p>Tropical &amp; Subtropical Fruits</p> <p><b>Individual Crops</b></p> <p>Artichoke (Globe)<sup>[1]</sup></p> <p>Asparagus<sup>[1]</sup></p> <p>Banana<sup>[1]</sup></p> <p>Cacao Bean<sup>[1]</sup></p> <p>Canola, seed only<sup>[1]</sup></p> <p>Cotton</p> <p>Dates<sup>[1]</sup></p> <p>Figs</p> <p>Grape</p> <p>Olives</p> <p>Paw Paw<sup>[1]</sup></p> <p>Peanuts<sup>[1]</sup></p> <p>Pineapple<sup>[1]</sup></p> <p>Pistachio</p> <p>Plantain<sup>[1]</sup></p> <p>Pomegranate<sup>[1]</sup></p> <p>Rangeland<sup>[1]</sup></p> <p>Safflower <sup>[1]</sup></p> <p>Sesame <sup>[1]</sup></p> <p>Strawberry</p> <p>Tea<sup>[1]</sup></p> <p>Watercress<sup>[1]</sup></p> <p>White Sapote</p>	<p>Ants</p> <p>Big Headed Ant</p> <p>Imported Fire Ant</p> <p>Native Fire Ant</p> <p>Pavement Ant</p> <p>Red Imported Fire Ant</p> <p>Southern (California) Fire Ant</p>	<p>1.5 to 2.0 lb (0.075 to 0.1 lb pyriproxyfen)</p>	<p><b>Broadcast or Aerial Application</b></p> <p>Apply uniformly with ground or aerial equipment calibrated to give the correct dosage.</p> <p>Repeat after 12 to 16 weeks if needed.</p> <p><b>WHEN TO APPLY</b></p> <p>Apply LIBERTY PYRIPROXYFEN 0.5 G in the early Spring or Summer at the first sign of ant activity. Applications may be made any time of the day but are more effective when ants are actively foraging, usually when the soil temperature is above 60 °F.</p> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• <b>DO NOT</b> water treated area for 24 hours after application.</li> </ul> <p>Avoid application if rain is expected within 4 to 6 hours. In the event of prolonged rains after initial treatment, reapplication may be necessary.</p> <p>A second application of LIBERTY PYRIPROXYFEN 0.5 G may be advisable after 12 to 16 weeks in areas of heavy infestations, or when the mounds remain active, or when a reinfestation occurs. In large mounds some worker ants may persist for a while after the queen is dead. For 7 to 10 days after treatment <b>DO NOT</b> apply any other ant pesticide. This is to allow sufficient time for the worker ants to seek out the bait and take it back to the mound.</p> <p>After 14 days, it may be desirable to apply a registered ant pesticide to kill remaining foraging ants.</p> <p><b>Bearing Almond Timing:</b> In bearing almond orchards apply at 6 to 8 weeks prior to harvest to protect fallen nuts. Repeat after 12 to 16 weeks if needed.</p> <p><b>Individual Mound Treatment</b></p> <ul style="list-style-type: none"> <li>• Apply 2 to 4 level Tbsp of LIBERTY PYRIPROXYFEN 0.5 G per mound, uniformly distributing material 3 to 4 ft around the mound. <b>DO NOT</b> disturb the mound. Repeat after 12 to 16 weeks if needed.</li> </ul> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• <b>DO NOT</b> apply to top of mounds.</li> </ul>

## USE RESTRICTIONS:

For all crops except Pasture Grass and Rangeland **DO NOT** apply within 24 hours of harvest.

- For Pasture Grass and Rangeland the Pre-Harvest Interval (PHI) is zero (0) days.
- For Pasture Grass and Rangeland: **DO NOT** plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application.
- Regardless of formulation, the maximum amount of pyriproxyfen that may be applied per acre per season is as follows:
  - Cacao Bean, Canola, Cereal Grains, Coffee, Date, Nongrass Animal Feeds, Peanuts, Safflower, Sesame, Sugarcane, Tea, **DO NOT** exceed 0.040 lb pyriproxyfen per acre per season.
  - Figs, **DO NOT** exceed 0.043 lb pyriproxyfen per acre per season.
  - Cotton, **DO NOT** exceed 0.067 lb pyriproxyfen per acre per season.
  - Fruiting Vegetables, Leaves of Root and Tuber Vegetables, and Root and Tuber Vegetables, **DO NOT** exceed 0.109 lb pyriproxyfen per acre per season.
  - Artichoke, Asparagus, Banana, Brassica Leafy Vegetables, Bulb Vegetables, Citrus, Cucurbits, Foliage of Legume Vegetables, Herb, Leafy Vegetables (Except Brassica Vegetables), Legume Vegetables (Succulent and Dried), Pasture Grass, Pineapple, Plantain, Pomegranate, Rangeland, Strawberry, Watercress, White Sapote, **DO NOT** exceed 0.134 lb pyriproxyfen per acre per season.
  - Berry (Low growing, except Strawberry), Bushberry, Caneberry, Grapes, Olives, Pome Fruits, Small Fruit Vine Climbing Crops (Except Grape), Tree Nuts, Tropical & Subtropical Fruits, **DO NOT** exceed 0.218 lb pyriproxyfen per acre per season.
  - Pawpaw, Stone Fruits, **DO NOT** exceed 0.327 lb pyriproxyfen per acre per season.

<sup>[1]</sup>[Not for use in] [California] [New York]

<sup>[2]</sup>[See Crop Group Description for bulb vegetables. Not for Use in] [California] [New York]

<sup>[3]</sup>[Not for use on soybeans in] [California] [New York]

## CROP GROUP DESCRIPTIONS

### Berry (Low Growing, Except Strawberry) – Subgroup 13-07H

Bearberry, Bilberry, Blueberry (lowbush), Cloudberry, Cranberry, Lingonberry, Muntries, Partridgeberry, Cultivars, varieties, and/or hybrids of these.

### Brassica (Cole) Leafy Vegetables – Crop Group 5

Broccoli, Broccoli, Chinese (gailon), Broccoli Raab (rapini), Brussels Sprouts, Cabbage, Cabbage (Chinese, bok choy, and napa), Cauliflower, Cavalo Broccolo, Chinese Mustard (gai choy), Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens.

### Bulb Vegetables – Crop Group 3-07

Chive, (fresh leaves)<sup>[1]</sup>, Chive (Chinese, fresh leaves)<sup>[1]</sup>, Daylily (bulb), Elegans hosta<sup>[1]</sup>, Fritillaria (bulb), Fritillaria (leaves)<sup>[1]</sup>, Garlic (bulb), Garlic (great-headed bulb), Garlic (serpent bulb), Kurrat<sup>[1]</sup>, Lady's leek<sup>[1]</sup>, Leek<sup>[1]</sup>, Leek (wild)<sup>[1]</sup>, Lily (bulb), Onion (Beltsville Bunching)<sup>[1]</sup>, Onion (bulb), Onion (Chinese, bulb), Onion (fresh)<sup>[1]</sup>, Onion (green)<sup>[1]</sup>, Onion (macrostem)<sup>[1]</sup>, Onion (pearl), Onion (potato, bulb), Onion (tree, tops)<sup>[1]</sup>, Onion (Welsh, tops)<sup>[1]</sup>, Shallot (bulb), Shallot (fresh leaves)<sup>[1]</sup>, Cultivars, varieties, and/or hybrids of these.

### Bushberry – Subgroup 13-07B

Aronia berry, Blueberry (highbush), Blueberry (lowbush), Buffalo (currant), Chilean (guava), Cranberry (highbush), Currant (black), Currant (red), Elderberry, European barberry, Gooseberry, Honeysuckle (edible), Huckleberry, Jostaberry, Juneberry (Saskatoon berry), Lingonberry, Native currant, Salal, Sea buckthorn, Cultivars, varieties and/or hybrids of these.

### **Caneberry – Subgroup 13-07A**

Blackberry (including Bingleberry, Black Satin Berry, Boysenberry, Cherokee blackberry, Chesterberry, Cheyenne blackberry, Coryberry, Darrowberry, Dewberry, Dirksen thornless berry, Himalayaberry, Hullberry, Lavacaberry, Lowberry, Lucretiaberry, Mammoth blackberry, Marionberry, Necterberry, Olallieberry, Oregon evergreen berry, Phenomenalberry, Rangeberry, Ravenberry, Rossberry, Shawnee Blackberry and Youngberry), Loganberry, Raspberry (red and black), Wild Raspberry, cultivars, varieties, and/or hybrids of these.

### **Cereal Grains – Crop Group 15**

Barley, Buckwheat, Corn, Millet (pearl), Millet (proso), Oats, Popcorn, Rice, Rye, Sorghum, Teosinte, Triticale, Wheat, Wild Rice

### **Citrus Fruits – Crop Group 10-10**

Australian desert lime, Australian finger-lime, Australian round lime, Brown River finger lime, Calamondin, Citron, Citrus hybrids, Grapefruit, Japanese summer grapefruit, Kumquat, Lemon, Lime, Mediterranean mandarin, Mount white lime, New Guinea wild lime, Orange (sour), Orange (sweet), Pummelo, Russell River lime, Satsuma mandarin, Sweet lime, Tachibana orange, Tahiti lime, Tangelo, Tangerine (mandarin), Tangor, Trifoliate orange, Uniq fruit, Cultivars, varieties and/or hybrids of these.

### **Cucurbits – Crop Group 9**

Chayote (fruit), Chinese Waxgourd (Chinese preserving melon), Citron Melon, Cucumber, Gherkin, Gourd, edible (includes Hyotan, Cucuzza, Hechima, Chinese Okra), *Momordica* spp (including Balsam Apple, Balsam Pear, Bittermelon, Chinese Cucumber), Muskmelon (includes True Cantaloupe, Cantaloupe, Casaba<sup>[1]</sup>, Crenshaw Melon<sup>[1]</sup>, Golden Pershaw Melon<sup>[1]</sup>, Honeydew Melon<sup>[1]</sup>, Honey Balls<sup>[1]</sup>, Mango Melon<sup>[1]</sup>, Persian Melon<sup>[1]</sup>, Pineapple Melon<sup>[1]</sup>, Santa Claus Melon<sup>[1]</sup>, and Snake Melon<sup>[1]</sup>), Pumpkin, Squash (summer, includes Crookneck Squash<sup>[1]</sup>, Scallop Squash, Straightneck Squash, Vegetable Marrow<sup>[1]</sup>, Zucchini<sup>[1]</sup>), Squash (winter, includes Butternut Squash, Calabaza, Hubbard Squash, Acorn Squash, Spaghetti Squash), Watermelon.

### **Foliage of Legume Vegetables – Crop Group 7**

Plant parts of any legume vegetable included in the legume vegetables that will be used as animal feed. Any cultivar of bean (*Phaseolus*), field pea (*Pisum*), and soybean (*Glycine max*)<sup>[1]</sup>.

### **Fruiting Vegetables (Except Cucurbits) – Crop Group 8-10**

African eggplant, Bush tomato, Cocona, Currant tomato, Eggplant, Garden huckleberry, Goji berry, Ground Cherry, Martynia, Naranjilla, Okra, Pea eggplant, Pepino, Pepper (bell), Pepper (non-bell), Roselle, Scarlet eggplant, Sunberry, Tomatillo, Tomato, Tree tomato, Cultivars, varieties, and/or hybrids of these.

### **Herb – Subgroup 19A**

Angelica, Balm, Basil, Borage, Burnet, Chamomile, Catnip, Chervil (dried), Chive, Chive (Chinese), Clary, Coriander (leaf), Costmary, Cilantro (leaf), Curry (leaf), Dillweed, Horehound, Hyssop, Lavender, Lemongrass, Lovage (leaf), Marigold, Marjoram, Nasturtium, Parsley (dried), Pennyroyal, Rosemary, Rue, Sage, Savory (summer and winter), Sweet bay, Tansy, Tarragon, Thyme, Wintergreen, Woodruff, Wormwood

### **Leafy Vegetables (Except Brassica Vegetables) – Crop Group 4**

Amaranth (Leafy Amaranth, Chinese Spinach, Tampala<sup>[1]</sup>), Arugula (Roquette), Cardoon, Celery, Celery (Chinese), Celtuce, Chervil, Chrysanthemum (Edible-leaved), Chrysanthemum (Garland), Corn Salad, Cress (Garden), Cress (Upland, Yellow Rocket<sup>[1]</sup>, Winter Cress<sup>[1]</sup>), Dandelion, Dock (Sorrel), Endive (Escarole), Fennel (Florence, Fenchio<sup>[1]</sup>), Lettuce (Head and Leaf), Orach, Parsley, Purslane (Garden), Purslane (Winter), Radicchio (Red Chicory), Rhubarb, Spinach, Spinach (New Zealand), Spinach (Vine), Swiss Chard

### **Leaves of Root and Tuber Vegetables (Human Food or Animal Feed) – Crop Group 2**

Beet (Garden), Beet (Sugar), Burdock (Edible), Carrot, Cassava (Bitter and Sweet), Celeriac (Celery Root), Chervil (Turnip-rooted), Chicory, Dasheen (taro), Parsnip, Radish, Radish (Oriental, daikon), Rutabaga, Salsify (Black), Sweet Potato, Tanier (Cocoyam), Turnip, Yam (True)

### **Legume Vegetables (Succulent or Dried) – Crop Group 6**

Bean (*Lupinus* spp.) includes Grain Lupin, Sweet Lupin, White Lupin and White Sweet Lupin; Bean (*Phaseolus* spp.) includes Field Bean, Kidney Bean, Lima Bean, Navy Bean, Pinto Bean, Runner Bean, Snap Bean, Tepary Bean, Wax Bean; Bean (*Vigna* spp.) includes Adzuki Bean, Asparagus Bean, Blackeyed pea, Catjang, Chinese Longbean, Cowpea, Crowder Pea, Moth Bean, Mung Bean, Rice Bean, Southern Pea, Urd Bean, Yardlong Bean; Broad Bean (Fava); Chickpea (Garbanzo); Guar; Jackbean; Lablab Bean (Hyacinth Bean); Lentil; Pea (*Pisum* spp.) includes Dwarf Pea, Edible-pod Pea, English Pea, Field Pea, Garden Pea, Green Pea, Snow Pea, Sugar Snap Pea; Pigeon Pea; Soybean<sup>[1]</sup>; Soybean, immature seed<sup>[1]</sup>; Sword Bean

### **Nongrass Animal Feeds (Forage, Fodder, Straw and Hay) – Crop Group 18**

Alfalfa, Clover, Crown Vetch, Kudzu, Lespedeza, Lupin, Milk Vetch, Sainfoin, Trefoil, Velvet Bean, Vetch

### **Pome Fruit – Crop Group 11-10**

Apple, Azarole, Crabapple, Loquat, Mayhaw, Medlar, Pear, Pear (Asian), Quince, Quince (Chinese), Quince (Japanese), Tejocote, Cultivars, varieties, and/or hybrids of these.

### **Root and Tuber Vegetables – Crop Group 1**

Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Bean Yam, Beet (garden and sugar), Black Salsify, Carrot, Cassava (bitter and sweet), Celeriac (celery root), Chaoyote (root), Chicory, Chufa, Dasheen (taro), Edible Burdock, Edible Canna, Ginger, Ginseng, Horseradish, Leren, Oriental Radish (daikon), Parsnip, Potato, Radish, Rutabaga, Salsify (oyster plant), Spanish Salsify, Skirret, Sweet Potato, Tanier (cocoyam), True Yam, Turmeric, Turnip, Turnip-rooted Chervil, Turnip-rooted Parsley

### **Small Fruit Vine Climbing Crops (Except Grape) – Subgroup 13-07E**

Amur River Grape, Gooseberry, Kiwifruit (Fuzzy), Kiwifruit (Hardy), Maypop, Schisandra Berry, Cultivars, varieties and/or hybrids of these

### **Stone Fruits – Crop Group 12**

Apricot, Cherry (Sweet and Tart), Chickasaw Plum, Damson Plum, Fresh Prune, Japanese Plum, Nectarine, Peach, Plum, Plumcot

### **Tree Nuts – Crop Group 14**

Almond, Beechnut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (Hazelnut), Hickory Nut, Macadamia Nut, Pecan, Walnut (black, English)

### **Tropical & Subtropical Fruits**

Acerola, Atemoya, Avocado, Biriba, Black Sapote, Canistel, Cherimoya, Custard Apple, Feijoa, Guava, Ilama, Jaboticaba, Longan, Lychee, Mamey Sapote, Mango, Passionfruit, Papaya, Pulasan, Rambutan, Sapodilla, Soursop, Spanish Lime, Star Apple, Starfruit, Sugar Apple, Wax Jambu

[<sup>1</sup>Not for use in] [California] [New York]

## TURFGRASS AND SOD FARMS

CROPS	PESTS	PRODUCT RATES PER ACRE (lb ai/Acre)	INSTRUCTIONS
Turfgrass and Sod Farms	Ants Big Headed Ant Imported Fire Ant Native Fire Ant Pavement Ant Red Imported Fire Ant Southern (California) Fire Ant	1.5 to 2.0 lb (0.075 to 0.1 lb pyriproxyfen)	<p><b>Broadcast or Aerial Application</b>                      Apply uniformly with ground or aerial equipment calibrated to give the correct dosage. Repeat after 12 to 16 weeks if needed.</p> <p><b>WHEN TO APPLY</b>                      Apply LIBERTY PYRIPROXYFEN 0.5 G in the early Spring or Summer at the first sign of ant activity. Applications may be made any time of the day but are more effective when ants are actively foraging, usually when the soil temperature is above 60 °F.</p> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• <b>DO NOT</b> water treated area for 24 hours after application.</li> </ul> <p>Avoid application if rain is expected within 4 to 6 hours. In the event of prolonged rains after initial treatment reapplication may be necessary.</p> <p>A second application of LIBERTY PYRIPROXYFEN 0.5 G may be advisable after 12 to 16 weeks in areas of heavy infestations or when the mounds remain active or when a reinfestation occurs. In large mounds some worker ants may persist for a while after the queen is dead. For 7 to 10 days after <b>DO NOT</b> apply any other ant pesticide. This is to allow sufficient time for the worker ants to seek out the bait and take it back to the mound.</p> <p>After 14 days it may be desirable to apply a registered ant pesticide to kill remaining foraging ants.</p> <p><b>Individual Mount Treatment</b>                      Apply 2 to 4 level Tbsps of LIBERTY PYRIPROXYFEN 0.5 G per mound, uniformly distributing material 3 to 4 ft around the mound. <b>DO NOT</b> disturb the mound. Repeat after 12 to 16 weeks if needed.</p> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• <b>DO NOT</b> apply to top of mounds.</li> </ul>

## **STORAGE AND DISPOSAL**

**DO NOT** contaminate water, food, or feed by storage, disposal or cleaning of equipment.

### **PESTICIDE STORAGE**

Keep this product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals, and away from other pesticides, fertilizers, food or feed.

### **PESTICIDE DISPOSAL**

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

### **CONTAINER HANDLING**

Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by other procedures approved by state or local authorities.

## **CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of LIBERTY CROP PROTECTION LLC or Seller. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW all such risks shall be assumed by Buyer and User and Buyer and User agree to hold LIBERTY CROP PROTECTION LLC and Seller harmless for any claims relating to such factors.

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