

# INSECTICIDE



PYRIPROXYFEN GROUP 7C INSECTICIDE

# SEVER™ 0.5 G

Insect Growth Regulator  
For Use on Agricultural Turf and Food Crops

**ACTIVE INGREDIENT:**

Pyriproxyfen\* ..... 0.5%

**OTHER INGREDIENTS:** ..... 99.5%

**TOTAL:** ..... 100.0%

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

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See inside label booklet for Precautionary Statements and Directions for Use.

EPA Reg. No.: 89167-85-89391



Distributed By:  
INNVICTIS® CROP CARE, LLC  
1880 Fall River Drive, Suite 100  
Loveland, CO 80538

081120RD090920C

#### FIRST AID

**If on skin:**

- 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

#### HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies call 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.

#### 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.

## 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, such as 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, *SEVER 0.5 G* contains a Group 7C insecticide. Any insect population may contain individuals naturally resistant to *SEVER 0.5 G* and other Group 7C 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 *SEVER 0.5 G* or other Group 7C 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 *SEVER 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):
  - 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.
  - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
  - 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 your INNVICTIS CROP CARE representative.

### PRODUCT INFORMATION

*SEVER 0.5 G* is an Insect Growth Regulator similar to naturally occurring insect growth hormones which interfere with (stops) their growth or development. *SEVER 0.5 G* breaks the reproductive life cycle of the ants, causing starvation of the colony. *SEVER 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, such as, the areas around farm houses, barns, agricultural equipment and farm irrigation equipment.

PESTS	PRODUCT RATES PER ACRE	INSTRUCTIONS
Ants Bigheaded Ant Imported Fire Ant Native Fire Ant Pavement Ant Red Imported Fire Ant Southern (California) Fire Ant	1.0 to 2.0 lb	<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 <i>SEVER 0.5 G</i> 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 <i>SEVER 0.5 G</i> 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 <i>SEVER 0.5 G</i> 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**

<b>CROPS</b>	<b>PESTS</b>	<b>PRODUCT RATES PER ACRE</b>	<b>INSTRUCTIONS</b>
<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</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 <i>SEVER 0.5 G</i> 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 <i>SEVER 0.5 G</i> 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 <i>SEVER 0.5 G</i> 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) – Crop Group 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, trifoliolate 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<sup>1</sup>, Straightneck Squash<sup>1</sup>, 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>2</sup>), Arugula (Roquette), Cardoon, Celery, Celery (Chinese), Celtuce, Chervil, Chrysanthemum (Edible-leaved), Chrysanthemum (Garland), Corn Salad, Cress (Garden), Cress (Upland, Yellow Rocket? Winter Cress<sup>1</sup>), Dandelion, Dock (Sorrel), Endive (Escarole), Fennel (Florence, Finocchio<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>; Swrd 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 Cannia, 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, Sourpomp, Spanish Lime, Star Apple, Starfruit, Sugar Apple, Wax Jambu

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

**TURFGRASS AND SOD FARMS**

<b>CROPS</b>	<b>PESTS</b>	<b>PRODUCT RATES PER ACRE</b>	<b>INSTRUCTIONS</b>
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	<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 <i>SEVER 0.5 G</i> 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 <i>SEVER 0.5 G</i> 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 Mound Treatment</b>                      Apply 2 to 4 level Tbsps of <i>SEVER 0.5 G</i> 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.

### CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of INNICTIS CROP CARE, 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 INNICTIS CROP CARE, LLC and Seller harmless for any claims relating to such factors.

INNICTIS CROP CARE, 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 conditions not reasonably foreseeable to or beyond the control of Seller or INNICTIS CROP CARE, LLC, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, INNICTIS CROP CARE, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

**To the extent consistent with applicable law, neither INNICTIS CROP CARE, 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 INNICTIS CROP CARE, 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 INNICTIS CROP CARE, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

INNICTIS CROP CARE, 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 INNICTIS CROP CARE, LLC.

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# SEVER 0.5G

**Insect Growth Regulator  
For Use on Agricultural Turf and Food Crops**

**ACTIVE INGREDIENT:**

Pyriproxyfen\* ..... 0.5%

**OTHER INGREDIENTS:** ..... 99.5%

**TOTAL:** ..... 100.0%

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

**By Wt**

0.5%

99.5%

100.0%

## KEEP OUT OF REACH OF CHILDREN CAUTION

See inside label booklet for Precautionary Statements and Directions for Use.

**FIRST AID**

**If on skin**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

**HOTLINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies call 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 1-800-424-9300**

**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.

**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 rinseate.

**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, such as plants, soil, or water, is:

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

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**Distributed By:**  
**INNVICTIS® CROP CARE, LLC**  
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Loveland, CO 80538

PEEL BACK BOOK HERE ▲



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**EPA Reg. No.: 89167-85-89391**  
**EPA Est. No.: 53883-TX-002**  
**Net Weight: 25 lb (11.3 kg)**

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