



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

EPA Reg. Number:

89168-47

Date of Issuance:

4/19/16

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Liberty Granular Insecticide

Name and Address of Registrant (include ZIP Code):

Mr. Scott Baker
Liberty Crop Protection, LLC
4850 Hahns Peak Drive, Suite 200
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 conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Michael Walsh, Product Manager 11
Invertebrate & Vertebrate Branch #2, Registration Division (7505P)

Date:

4/19/16

2. You are required to comply with the data requirements described in the DCI and EDSP Orders identified below:
 - a. Bifenthrin GDCI -128825-902
 - b. Bifenthrin GDCI -128825-1114
 - c. Bifenthrin GDCI -128825-1158
 - d. Bifenthrin GDCI-128825-1159
 - e. Bifenthrin EDSP-128825
 - f. Chlorpyrifos GDCI-059101-967
 - g. Chlorpyrifos EDSP-059101

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI or EDSP Orders listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division:

<http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 89168-47.”
5. Submit one copy of the final printed label for the record before you release the product for shipment.

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 you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated February 12, 2016

If you have any questions, please contact Carlyn Petrella by phone at 703-347-0439, or via email at petrella.carlyn@epa.gov.

Enclosure

RESTRICTED USE PESTICIDE

Toxic to fish and aquatic organisms

For retail sale to and use only by certified applicators, or persons under their direct supervision and only for the uses covered by the certified applicator's certification.

GROUP 1B 3A INSECTICIDES

LIBERTY GRANULAR INSECTICIDE

For control of various insects infesting corn

Active Ingredient:

Chlorpyrifos: 0,0-diethyl 0-(3,5,6-trichloro-2-pyridinyl) phosphorothioate:15.04 %
Bifenthrin: (2-methyl[1,1'-biphenyl]-3-yl) methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-
cyclopropanecarboxylate1.15 %

Other Ingredients:83.81 %

Total:100.00 %

Keep Out of Reach of Children

CAUTION

Refer to inside of label booklet for additional precautionary information including Directions for Use.

Notice: Read the entire label. Use only in accordance with label directions. Before using this product, read CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY at end of label booklet. If terms are unacceptable, immediately return unopened container(s).

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

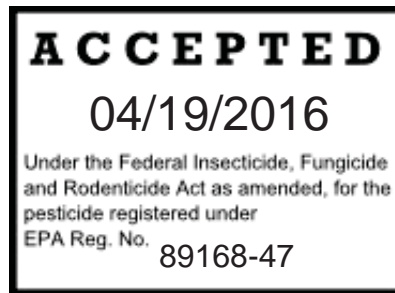
EPA Reg. No. 89168-UT

EPA Est. No.:

Manufactured for

Liberty Crop Protection LLC
4850 Hahns Peak Drive
Suite 200
Loveland, CO 80538

041816 (Inner company identifier)



Precautionary Statements

Hazard to Humans and Domestic Animals

CAUTION - Harmful If Swallowed or absorbed through skin, Causes Moderate Eye Irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Personal Protective Equipment (PPE)

Loaders, applicators and all other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made out of barrier laminate or viton \geq 14 mils
- Chemical-resistant footwear plus socks
- A NIOSH-approved sealable filtering face piece, half face or full face piece with NIOSH approved particulate respirator (TC-84A) with any N, R, or P filter or a NIOSH-approved power air purifying respirator (TC-21C) with an HE filter

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

When applicators use closed cab equipment in a manner that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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.

First Aid

Organophosphate

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If On Skin Or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Note to Physicians: 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/protopam, 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. This product also contains a pyrethroid. If large amounts have been ingested, the stomach and intestines

should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and should be avoided.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information

Environmental Hazards

This product is extremely toxic to fish, aquatic invertebrates, small mammals and birds. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not make applications when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging the treatment area.

The use of bifenthrin is prohibited in areas that may result in exposure of endangered species to bifenthrin. Prior to use in a particular county contact the local extension service for procedures and precautions to use to protect endangered species.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

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.

(Continued on next page)

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 24 hours.

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 reentry requirement pursuant to 40 CFR Part 170.

PPE required for early entry to 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:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves made out of barrier laminate or viton \geq 14 mils
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposures.

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

(Continued on next page)

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Pesticide Storage: Store in original container in a 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

Nonrefillable nonrigid containers:

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 in a sanitary landfill, or by other procedures allowed by state and local authorities.

Refillable rigid containers larger than 50 lb:

Container Handling: Refillable container. 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 a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two 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 puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.

Nonrefillable rigid containers larger than 50 lb:

Container Handling: Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.

Product Information

LIBERTY GRANULAR INSECTICIDE is for use on corn. Target pests and application rates are provided in the accompanying table.

Use Restrictions

- Aerial application of this product is prohibited.
- Use of this product is prohibited in all coastal counties.

- In New York State this product may not be applied within 100 feet (using ground equipment) of coastal marshes or streams that drain into coastal marshes.
- Vegetative filter strip required. Cultivation within 10 feet of a water body is prohibited to allow for growth of vegetative filter strip.
- Do not apply this product within 20 yards of water (lakes, reservoirs, rivers, permanent streams, marshes, estuaries, natural ponds, and commercial fish farm ponds.)
- Granules must be incorporated into the top one inch of soil using tines, chains or other suitable equipment. Do not apply as a T-band treatment unless you can incorporate the granules.

INSECTICIDE RESISTANCE MANAGEMENT (IRM)

GROUP	1B	3A	INSECTICIDES
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This product contains Group 1B and Group 3A insecticides. Insect/mite biotypes with acquired resistance to Group 1B or Group 3A may eventually dominate the insect/mite population if Group 1B or Group 3A insecticides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by this product or other Group 1B or Group 3A insecticides

To delay development of insecticide resistance:

- Avoid consecutive use of insecticides with the same mode of action (same insecticide group) on the same insect species.
- Use tank mixtures or premix products containing insecticides with different modes of action (different insecticide groups) provided the products are registered for the intended use.
- Base insecticide use on comprehensive Integrated Pest Management (IPM) programs.
- Monitor treated insect populations in the field for loss of effectiveness.
- Contact your local extension specialist, certified crop advisor, and or manufacturer for insecticide resistance management and/or IPM recommendations for the specific site and resistant pest problems.

Drift Management

Do not allow granules to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, non-target crops, aquatic and wetland sites, woodlands, pastures, rangelands, or animals.

Avoiding off-target drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather-related factors determine the potential for off-target drift. The applicator is responsible for considering all of these factors when making the decision to apply this product.

Observe the following precautions when applying LIBERTY GRANULAR INSECTICIDE adjacent to permanent bodies of water such as rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries, and commercial fish ponds.

The following treatment setback or buffer zone must be utilized for applications around the above-listed aquatic areas:

Application Method	Required Setback - (Buffer Zone) Yards (feet)
ground boom/spreader	20 (60)

Making applications when wind is blowing away from sensitive areas is the most effective way to reduce the potential for adverse effects.

The buffer distances specified in the below table 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 outhouses are not included in this prohibition.

For applications made via in furrow, T-banded, or post emergent banded application methods, the drift mitigation measures do not apply because there is no potential for drift from these application methods.

Application Rate (lb ai/A)	Required Setback (Buffer Zones) (feet)
	Ground
>0.5 - 1	10
>0.5 - 1	10
>1-2	10
>1-2	10
>2-3	10
>2-3	10
>3-4	10
>4	10

Only pesticide handlers are permitted in the setback area during application of this product. Do not apply this product if anyone other than a mixer, loader, or applicator, is in the setback area.

Exception: Vehicles and persons riding bicycles that are passing through the setback area on public or private roadways are permitted.

Follow these drift best management practices to avoid off-target drift movement from applications.

Ground Boom/Spreader Application

The following mandatory drift best management practices are required to reduce the likelihood of off target drift movement from ground applications.

- Apply at a height no more than 4 feet above the ground or crop canopy.
- Do not apply product when wind speed exceeds 10 mph as measured by an anemometer.

Table 1

Application Rates/1000 Ft of Row and Equivalent/Acre at Different Row Spacings

Ounces of LIBERTY GRANULAR INSECTICIDE Per 1000 Feet of Row	Pounds of LIBERTY GRANULAR INSECTICIDE Required Per Acre for Various Row Spacing							
	40"	38"	36"	34"	32"	30"	22"	18"
3.7	3.0	3.2	3.4	3.6	3.8	4.0	5.5	6.7
4	3.3	3.4	3.6	3.8	4.1	4.4	5.9	7.3
4.5	3.7	3.9	4.1	4.3	4.6	4.9	6.7	8.2
6	4.9	5.2	5.4	5.8	6.1	6.5	8.9	10.9
6.5	5.3	5.6	5.9	6.2	6.6	7.1	9.7	11.8
7.5	6.1	6.4	6.8	7.2	7.7	8.2	11.1	13.6
8	6.5	6.9	7.3	7.7	8.2	8.7	11.9	14.5
9	7.4	7.7	8.2	8.6	9.2	9.8	13.4	16.3
12	9.8	10.3	10.9	11.5	12.3	13.1	17.8	21.8
15	12.3	12.9	13.9	14.4	15.3	16.3	22.3	27.2
16	13.1	13.8	14.5	15.4	16.3	17.4	23.8	29.0

Equipment Calibration

Note: The following chart lists initial gauge settings for application of LIBERTY GRANULAR INSECTICIDE with one hopper opening per row. Be sure to check the actual application rate under your operating conditions.

1. Fill hopper.
2. Attach a plastic bag to tube opening.
3. Set planter to the initial settings shown on chart.
4. Measure off 1000 row feet and drive planter the pre-measured distance at desired speed.
5. Each bag should contain 6 to 8 oz (wt.) of granules depending upon desired rate.
6. If the result is over or under the desired rate, adjust the settings and repeat the calibration.

Table 2**Calibration Settings for Different Types of Equipment**

Planter Type	Speed (mph)									
	4		5		6		7		8	
	Application Rate, oz per 1000 ft of row									
	8	16	8	16	8	16	8	16	8	16
Gauge Setting										
Gandy ¹	21.4	30.2	23.7	32.4	26.0	36.0	27.7	39.0	30.2	41.0
John Deere ¹ Max-Emerge ²	20	44	26	46	30	49	35	52	40	54
John Deere ¹ 7000 Max-Emerge (Odd Nos. on Gate)	14	22	16	24	18	26	19	28	21	30
John Deere ¹	17	30	20	33	24	35	26	36	28	38

7000 Max-Emerge (Even Nos. on Gate)										
John Deere ² 71 Flexi-Planter and older Planters	1 30	2 17	2 5	2 22	2 9	2 27	2 13	2 31	2 16	3 16
John Deere ³ Max-Emerge Plus	18	-	23	-	29	-	33	-	39	-
Allis Chalmers ⁴ 70 Series	8	13	8	13	8	13	8	13	8	13
Allis Chalmers ⁵ 78 & 79 Series	1 9.0	3 3.0	2 3.3	3 9.5	2 6.0	4 3.0	2 9.0	5 4.0	3 2.5	6 0
Noble ¹ (New)	11	19	14	22	16	25	17	28	19	31
White Planter	11	19	14	22	16	25	17	28	19	31
International Harvester ⁵	1 9.0	3 3.0	2 3.3	3 9.5	2 6.0	4 3.0	2 9.0	5 4.0	3 2.5	6 0
Buffalo All-Flex ⁶ (Fleisher Mfg.)	4 7/8	10	4 7/8	10	4 7/8	10	-	-	-	-

¹ Gauge setting

² Gauge setting with range 1 & 2 - number is range
notch

³ An application rate of 16 oz per 1000 ft of row is not attainable with this equipment.

⁴ Gauge setting is constant regardless of speed.

⁵ Gauge setting shown with stem gates & dial settings - number shown is gate dial

⁶ Number of turns open on the adjustment nut.

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.

COVER OR INCORPORATE SPILL (including end row spillage).

LIBERTY GRANULAR INSECTICIDE is compatible with all ALS inhibitor herbicides applied in accordance with label directions. Refer to product labels for additional precautions and directions for use. Equivalent rates for LIBERTY GRANULAR INSECTICIDE for various row spacing and a per acre basis are given in table 1.

At-Plant T-Band Application

Apply 8 oz of LIBERTY GRANULAR INSECTICIDE per 1000 ft of row as a T-band over an open seed furrow over the row behind the planter shoe, in front of the press wheel. In conventional and minimum-till corn, incorporate into the top 1 inch of soil using suitable equipment. A soil applied T-band treatment may be followed by post-applied herbicides. LIBERTY GRANULAR INSECTICIDE has demonstrated suppression of certain soil-borne pathogens that may result in physiological and agronomic advantages to corn under environmental stress conditions when compared to corn not treated with LIBERTY GRANULAR INSECTICIDE. Granules must be incorporated into the top one inch of soil using tines, chains or other suitable equipment. Do not apply as a T-band treatment unless you can incorporate the granules.

At-Plant In-Furrow Application

Apply 8 oz of LIBERTY GRANULAR INSECTICIDE per 1000 ft of row at planting as an in-furrow treatment in conventional, minimum and no-till corn. Direct the granules into the planter shoe with the seed, place the applicator tube directly behind the planter shoe so that the granules drop into the seed furrow, or place the granular band applicator behind the planter shoe so that the granules fall on the soil surface' and into the open seed furrow and are covered with soil.

Foliar Application

To control corn rootworm larvae, apply 8 oz of LIBERTY GRANULAR INSECTICIDE per 1000 ft of row at cultivation by placing the granules at the base of the plant on both sides of the row just ahead of the cultivation shovels and covering the granules with soil. To control European or southwestern corn borer larvae, apply LIBERTY GRANULAR INSECTICIDE in a band over the row so that the granules are directed into the whorl or use a Foliar broadcast treatment Consult your state agricultural experiment station or extension service specialist for proper time to treat and for local threshold information. Scouting for insect damage is strongly encouraged.

Foliar Broadcast Application

Apply at a rate of 5 lb of LIBERTY GRANULAR INSECTICIDE per acre for low to moderate first generation infestations or at 6.5 lb of LIBERTY GRANULAR INSECTICIDE per acre for severe first generation infestations and all second generation infestations.

Apply before larvae have entered corn stalks. Consult your state agricultural experiment station or extension service specialist for local threshold information. Scouting for insect damage is strongly encouraged.

Target Pests	Banded/In furrow Applications (oz/1000 feet of row)		
	At-Plant Applications		Foliar Application
	T-Band	In-Furrow	
ants (4)	8	8	-
armyworms	-	-	6 – 8
billbugs	8	-	-
chinch bugs (1) cutworms (1)	8	8	-
European and southwestern corn borer (3) 1st Generation	-	-	3.5 – 8
2nd Generation	-	-	6 – 8
grubs	8	8	-
lesser cornstalk borers	8	-	-
northern and western corn rootworm larvae	8	8	8
seed corn beetles seed corn maggots	8	8	-
southern corn rootworm larvae	8	8	8
symphylans	8	-	-

wireworms (2)	8	8	-
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Numbers in parentheses (-) refer to Pest-Specific Use Directions.

Pest-Specific Use Directions:

1. Cutworms and chinch bugs: The 8 oz rate provides suppression only for in-furrow treatments.

2. Wireworms: For best control, apply as an in-furrow treatment. Consider using a hopper box insecticidal seed treatment with T-band applications.

3. European corn borer: When using Foliar banded applications, use rates of 3.5 to 4 oz of LIBERTY GRANULAR INSECTICIDE per 1000 feet of row for low to moderate first generation infestations before larvae have entered corn stalks. Use application rates of 6 to 8 oz of LIBERTY GRANULAR INSECTICIDE per 1000 feet of row for severe first generation infestations and all second generation infestations. Make applications before larvae have entered corn stalks.

4. Ants: Excludes ants of significant public health importance such as fire ants, harvester ants, carpenter ants, and pharaoh ants. The 8 oz rate provides suppression only for in-furrow treatments.

Specific Use Restrictions - FIELD CORN (Grain, Seed, Silage), POPCORN:

- Do not apply to soil where there is greater than 30% cover of crop residue remaining.
- Do not make ground applications to corn if heavy rainfall is imminent.
- Do not apply within 30 days of harvest.
- Do not graze livestock in treated areas or cut treated crops for feed within 30 days of the last application.
- Do not apply more than 0.1 pound ai bifenthrin per acre per season as an at plant application.
- Do not apply more than 0.3 pound ai bifenthrin per acre per season including at plant plus foliar applications.
- Do not make more than three applications of LIBERTY GRANULAR INSECTICIDE or other products containing chlorpyrifos per season, including the maximum allowed of two granular applications, at the 1 lb ai chlorpyrifos rate. Retreatment with a second soil application of LIBERTY GRANULAR INSECTICIDE is allowed under replant situations due to loss of crop during establishment only when initially applied at the rate of 1 lb ai chlorpyrifos.
- Maximum single application rate for at-plant applications is 1.3 lb ai chlorpyrifos per acre (8 oz of LIBERTY GRANULAR INSECTICIDE per 1000 ft of row).
- Maximum single application rate for Foliar application is 1 lb ai chlorpyrifos (6.5 lb of LIBERTY GRANULAR INSECTICIDE) per acre.
- Do not apply more than a total of 3 lb ai chlorpyrifos (19.5 lb of LIBERTY GRANULAR INSECTICIDE) per acre per season.
- Do not make a second application of LIBERTY GRANULAR INSECTICIDE or other product containing chlorpyrifos within 10 days of the first application.
- If more than 1 lb ai granular chlorpyrifos per acre is applied at-plant (for a maximum of 1.3 lb ai chlorpyrifos per acre per season), only one additional application of a liquid product containing chlorpyrifos at 1 lb ai chlorpyrifos per acre is allowed per season, for a total of 2.3 lb ai chlorpyrifos per acre per season.
- Do not make more than one at-plant application and one foliar application of LIBERTY GRANULAR INSECTICIDE per season at the 1 lb ai chlorpyrifos rate.

Specific Use Restrictions - SWEET CORN

- Do not make ground applications to corn if heavy rainfall is imminent.
- Do not apply within 21 days before harvest of grain, ears, forage or fodder.
- Do not graze livestock in treated areas or cut treated crops for feed within 1 day of the last application.
- Do not apply more than 0.2 pounds ai bifenthrin per acre per season.
- Do not make more than three applications of LIBERTY GRANULAR INSECTICIDE or other products containing chlorpyrifos per season, including the maximum allowed of two granular applications, at the 1 lb ai chlorpyrifos rate. Retreatment with a second soil application of LIBERTY GRANULAR INSECTICIDE is allowed under replant situations due to loss of crop during establishment only when initially applied at the rate of 1 lb ai chlorpyrifos.
- Maximum single application rate for at-plant applications is 1.3 lb ai chlorpyrifos per acre (8 oz of LIBERTY GRANULAR INSECTICIDE per 1000 ft of row).
- Maximum single application rate for Foliar application is 1 lb ai chlorpyrifos (6.5 lb of LIBERTY GRANULAR INSECTICIDE) per acre.
- Do not apply more than a total of 3 lb ai chlorpyrifos (19.5 lb of LIBERTY GRANULAR INSECTICIDE) per acre per season.
- Do not make a second application of LIBERTY GRANULAR INSECTICIDE or other product containing chlorpyrifos within 10 days of the first application.
- If more than 1 lb ai granular chlorpyrifos per acre is applied at-plant (for a maximum of 1.3 lb ai chlorpyrifos per acre per season), only one additional application of a liquid product containing chlorpyrifos at 1 lb ai chlorpyrifos per acre is allowed per season, for a total of 2.3 lb ai chlorpyrifos per acre per season.
- Do not make more than one at-plant application and one foliar application of LIBERTY GRANULAR INSECTICIDE per season at the 1 lb ai chlorpyrifos rate.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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