



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

October 29, 2024

John F. Wright
Authorized Representative
Aceto Life Sciences, L.L.C., d/b/a Actylis
4 Tri Harbor Court
Port Washington, NY 11050

Subject: PRIA Label and CSF Amendment – Label and CSF Amendment adding already approved uses.
Product Name: AG37709 BH 1.5SC Insecticide
EPA Registration Number: 2749-644
Application Date: 12/29/2023
Case Number: 497243

Dear John F. Wright:

The amended label and Confidential Statement(s) of Formula (CSFs) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Please note that the record for this product currently contains the following CSF(s):

- Basic CSF dated 11/30/2023
- Alternate CSF 1-4 dated 11/30/2023

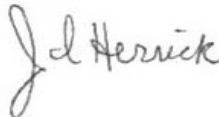
- Alternate CSF 5 dated 10/23/2024
- Alternate CSF 6 dated 11/30/2023
- Alternate CSF 7 dated 10/23/2024
- Alternate CSF 8-10 dated 11/30/2023

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 FIFRA 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) lists 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.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Laura Rademacher at Rademacher.Laura@epa.gov.

Sincerely,

A handwritten signature in dark ink, appearing to read "J. Herrick". The signature is written in a cursive, flowing style.

Jacquelyn Herrick, Product Manager 03
Invertebrate & Vertebrate Branch 1
Registration Division (7505T)
Office of Pesticide Programs

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.

BIFENTHRIN GROUP 3A INSECTICIDE

AG37709 BH 1.5SC Insecticide

For mixing directly with liquid fertilizer to control listed soil insect pests.

Active Ingredient: By Wt.

Bifenthrin*..... 17.15%

Other Ingredients..... 82.85%

Total: 100.00%

*Cis isomers 97% minimum, trans isomers 3% maximum.

This product contains 1.5 pounds active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN WARNING /AVISO

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

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.

(If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
If swallowed	<ul style="list-style-type: none">• Have person sip a glass of water if able to swallow.• DO NOT induce vomiting unless told to do so by the poison control center or doctor.• DO NOT give anything by mouth to an unconscious person.• Call a poison control center or doctor immediately for treatment advice.
If in eyes	<ul style="list-style-type: none">• 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.
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 INVOLVING THIS PRODUCT, CALL CHEMTREC® TOLL FREE 1-800-424-9300 or 1-703-527-3887 (24 Hours per Day, 7 Days per Week).	
NOTE TO PHYSICIAN This product is 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 so should be avoided.	

FOR CHEMICAL SPILL, LEAK, FIRE, EXPOSURE OR MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL CHEMTREC® TOLL FREE 1-800-424-9300 or 1-703-527-3887 (24 Hours per Day, 7 Days per Week).

See [back panel][inside booklet] for additional precautionary information.

Note to Reviewer: all text in [] is optional and will depend on packaging.

EPA Reg. No. 2749-644

Net Contents:

EPA Est. No.

Manufactured for Aceto Life Sciences, L.L.C., d/b/a Actylis

4 Tri Harbor Court

Port Washington, NY 11050

ACCEPTED

10/29/2024

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 2749-644

PRECAUTIONARY STATEMENTS

Hazards to Humans (and Domestic Animals)

Warning

May be fatal if swallowed. Causes substantial but temporary eye injury. **DO NOT** get in eyes or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco or using the toilet. Wear protective eyewear, long sleeve shirt and long pants, socks and shoes. Remove and wash contaminated clothing before reuse.

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment:

Applicators and other handlers (other than mixers and loaders) must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of barrier laminate, butyl rubber (≥ 14 mil), nitril rubber (≥ 14 mil), neoprene rubber (≥ 14 mil), natural rubber (≥ 14 mil), polyethylene, polyvinyl chloride (PVC) (≥ 14 mil), or vitron (≥ 14 mil)
- Shoes plus socks

Mixers and Loaders must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of barrier laminate, butyl rubber (≥ 14 mil), nitril rubber (≥ 14 mil), neoprene rubber (≥ 14 mil), natural rubber (≥ 14 mil), polyethylene, polyvinyl chloride (PVC) (≥ 14 mil), or vitron (≥ 14 mil)
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Remove PPE after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. 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.

Non-Target Organism Advisory Statement

This product is highly toxic to bees and other pollinating insects exposed to direct treatment or to residues in/on blooming crops or weeds. **Protect pollinating insects by following label directions intended to minimize drift and reduce pesticide risk to these organisms.** **DO NOT** apply this product or allow it to drift to blooming crops or weeds while bees are foraging the treatment area.

Physical and Chemical Hazards

DO NOT use or store near heat or open flame. **DO NOT** mix or allow coming in contact with oxidizing and reducing agent hazardous chemical reaction may occur.

DIRECTIONS FOR USE

RESTRICTED USE PESTICIDE

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

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

DO NOT apply this product through any type of irrigation system.

AGRICULTURAL USE REQUIREMENTS

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

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

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical resistant gloves made of barrier laminate, butyl rubber (≥ 14 mil), nitril rubber (≥ 14 mil), neoprene rubber (≥ 14 mil), natural rubber (≥ 14 mil), polyethylene, polyvinyl chloride (PVC) (≥ 14 mil), or vitron (≥ 14 mil)
- Shoes plus socks

Resistance Management

For resistance management, AG37709 BU 1.5SC INSECTICIDE contains a Group 3A insecticide. Any insect population may contain individuals naturally resistant to AG37709 BU 1.5SC INSECTICIDE and other Group 3A insecticides. The resistant individuals may dominate the insect population if this group of insecticides is used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of AG37709 BU 1.5SC INSECTICIDE or other Group 3A insecticides within a growing season, or among growing seasons, with different groups that control the same pests.
- 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 pests.
 - 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 insecticidal activity may offer an insect resistance management benefit only for the period where both insecticides are active.

- Adopt an integrated pest management program for insecticides 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 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.

Chemigation Use Directions

Apply this product only through sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, drip irrigation, or hand move irrigation systems. **DO NOT** apply this product through any other type of irrigation system. **DO NOT** connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system.

For LEPA irrigation a minimum of 0.75 inch of water per acre is recommended. Where non-emulsified oils are used as the diluents, 1 to 2 pints per acre is recommended.

Results from utilizing chemigation have been variable and depend upon the set up and calibration of equipment. Crop injury, lack of effectiveness or illegal residues in the crop can result from non-uniform distribution of treated water. Contact your State Agricultural Extension Service specialists, equipment manufacturers or other experts for consultation on the suitability of the equipment set up to obtain effective control of the target insect pests.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise. Failure to cease application during a mechanical stoppage may result in undesirable residues to adjacent areas.

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distributions is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

DO NOT apply when wind speed favors drift beyond the area intended for treatment. AG37709 BH 1.5SC Insecticide should be applied continuously for the duration of the water application. AG37709 BH 1.5SC Insecticide should be diluted in sufficient volume to ensure accurate application over the area to be treated. When using chemigation, a minimum of 0.5 inches per acre of irrigation water is recommended.

Agitation generally is not required when a suitable diluent is used. A diluent test should be conducted to

ensure that phase separation will not occur during dilution and application. Failure to achieve a uniform dilution throughout the time of application may result in undesirable residues or less than desirable control.

Application and Mixing Instructions

AG37709 BH 1.5SC Insecticide is an insecticide/miticide that contains 1.5 pounds of bifenthrin per gallon. AG37709 BH 1.5SC Insecticide can be mixed directly with liquid fertilizer or with water. The rate of application is variable according to pest pressure, timing of treatments and field scouting. Use lower labeled rates under light to moderate pest infestations, and higher labeled rates under heavier pest pressure. In arid climates, applications rates are generally higher. Fill the tank one-half full with liquid fertilizer or water and begin spray tank agitation. Add the proper amount of AG37709 BH 1.5SC Insecticide, and then add the rest of the fertilizer or water. Maintain agitation until the mixture has been applied.

Shake well before using.

Agitate the AG37709 BH 1.5SC Insecticide spray solutions in nurse tanks prior to moving the solution to spray system.

AG37709 BH 1.5SC Insecticide can be applied in-furrow with the seed, as a T-band (band over the open furrow), as a broadcast application, as a band over the row or as a transplant-water drench during setting. Refer to the tables below for pest control or suppression instructions.

AG37709 BH 1.5SC Insecticide can be applied in-furrow with the seed, as a T-band (band over the open furrow), as a broadcast application, as a band over the row, as a pre-emergent (PRE) application, as a post plant incorporated (PPI) application, as a foliar application (includes chemigation), or as a transplant-water drench during setting.

Use rates in the individual crop sections for at-plant soil applications are listed as Fluid oz/1000 Linear ft based on 30 inch row spacings. For conversion to application rates applicable to other row spacings see the table below.

The maximum application rate per acre per year (pounds active ingredient /acre/year) as listed under the use directions for each crop must not be exceeded. This yearly maximum includes at-plant plus foliar applications of AG37709 BH 1.5SC Insecticide and other products containing bifenthrin.

For at-plant applications, AG37709 BH 1.5SC Insecticide can be mixed with commonly used liquid starter or pop-up fertilizers. Follow liquid fertilizer recommendations regarding seed safety and use guidelines. Conduct a preliminary jar test using the appropriate ratio of fertilizer and AG37709 BH 1.5SC Insecticide. **DO NOT** allow a tank mixture to set overnight, but if this occurs agitate tank mixture prior to application.

AG37709 BH 1.5SC Insecticide Required Per Acre for Various Row Spacings					
Row Spacing	36"	30"	20"	15"	Twin Rows 30" centers
Linear row ft/acre	14,520 ft	17,424 ft	26,136 ft	34,848 ft	34,848 ft
Conversion					
0.2 Fluid oz/1000 Linear ft =	2.9 fl oz/acre	3.5 fl oz/acre	5.2 fl oz/acre	7.0 fl oz/acre	7.0 fl oz/acre
0.24 Fluid oz/1000 Linear ft =	3.5 fl oz/acre	4.2 fl oz/acre	6.3 fl oz/acre	8.4 fl oz/acre	8.4 fl oz/acre
0.3 Fluid oz/1000 Linear ft =	4.4 fl oz/acre	5.2 fl oz/acre	7.8 fl oz/acre	10.5 fl oz/acre	10.5 fl oz/acre
0.39 Fluid oz/1000 Linear ft =	5.7 fl oz/acre	6.8 fl oz/acre	10.2 fl oz/acre	13.6 fl oz/acre	13.6 fl oz/acre
0.49 Fluid oz/1000 Linear ft =	7.1 fl oz/acre	8.5 fl oz/acre	12.8 fl oz/acre		
0.73 Fluid oz/1000 Linear ft =	10.6 fl oz/acre	12.7 fl oz/acre			
0.78 Fluid oz/1000 Linear ft =	11.3 fl oz/acre	13.6 fl oz/acre			
0.98 Fluid oz/1000 Linear ft =	14.2 fl oz/acre	17.1 fl oz/acre			
1.47 Fluid oz/1000 Linear ft =	21.3 fl oz/acre	21.3 fl oz/acre			

Crop Rotation Restrictions

Crops for which bifenthrin tolerances exist may be rotated at any time. All other crops may be rotated 30 days following the final application of bifenthrin.

Tank-Mixtures

AG37709 BH 1.5SC Insecticide may be applied in tank mixtures with other products approved for use on registered crops. Observe all restrictions and precautions which appear on the labels of these products. To ensure successful applications, conduct product compatibility tests.

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.

Maximum Allowable AG37709 BH 1.5SC Insecticide Use Per Acre Per Year

Refer to the individual crop sections for maximum allowable AG37709 BH 1.5SC Insecticide usage per acre per year. The maximum allowable use must include all registered use patterns including at-plant, soil applied and/or foliar applications for the 12 months period. The 12 month period is to begin upon the initial application to the acre.

Mandatory Spray Drift Management

Aerial Applications:

- **DO NOT** release spray at a height greater than 10 feet above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to select nozzle and pressure that deliver medium or coarser droplets (ASABE S641).
- **DO NOT** apply when wind speeds exceed 15 mph at the application site. If the wind speed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters.
- If the windspeed is 10 miles per hour or less, applicators must use $\frac{1}{2}$ swath displacement upwind at the downwind edge of the field. When the windspeed is between 11-15 miles per hour, applicators must use $\frac{3}{4}$ swath displacement upwind at the downwind edge of the field.
- **DO NOT** apply during temperature inversions.

Airblast Applications:

- Sprays must be directed into the canopy.
- **DO NOT** apply when wind speeds exceed 15 mph at the application site.
- User must turn off outward pointing nozzles at row ends and when spraying outer row.
- **DO NOT** apply during temperature inversions.

Ground Boom Applications:

- User must only apply with the nozzle height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to select nozzle and pressure that deliver medium or coarser droplets (ASABE S572).
- **DO NOT** apply when wind speeds exceed 5 mph at the application site.
- **DO NOT** apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- **Volume** - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- **Pressure** - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- **Spray Nozzle** - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size – Aircraft

- **Adjust Nozzles** - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT – Ground Boom

- For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT - Aircraft

- Higher release heights increase the potential for spray drift.

SHIELDED SPRAYERS

- Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

- When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

- Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

- Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.
- Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Handheld Technology Applications:

- Take precautions to minimize spray drift.

Buffer Zones**VEGETATIVE FILTER STRIPS**

Construct and maintain a vegetative filter strip, according to the width specified below, of grass or other permanent vegetation between the field edge and nearby down gradient aquatic habitat (such as, but not limited to, lakes; reservoirs; rivers; streams; marshes or natural ponds; estuaries; and commercial fish farm ponds).

Only apply products containing bifenthrin onto fields where a maintained vegetative filter strip of at least 25 feet exists between the field edge and where a down gradient aquatic habitat exists.

This minimum required width of 25 feet may be reduced or removed under the following conditions:

- For Western irrigated agriculture, a maintained vegetative filter strip of at least 10 feet wide is required. Western irrigated agriculture is defined as irrigated farmland in the following states: WA, OR, CA, ID, NV, UT, AZ, MT, WY, CO, NM, and TX (west of I-35).
 - For Western irrigated agriculture, if a sediment control basin is present, a vegetative filter strip is not required.
- In all other areas, a vegetative filter strip with a minimum width of 25 feet is required, unless the following conditions are met. The vegetative filter strip requirement may be reduced from 25 feet to 15 feet if at least one of the following applies:
 - The area of application is considered prime farmland (as defined in 7 CFR § 657.5).
 - Conservation tillage is being implemented on the area of application. Conservation tillage is defined as any system that leaves at least 30% of the soil surface covered by residue after planting. Conservation tillage practices can include mulch-till, no-till, or strip-till.
 - A functional terrace system is maintained on the area of application.
 - Water and sediment control basins for the area of application are functional and maintained.
 - The area of application is less than or equal to 10 acres.

For further guidance on vegetated filter strips, refer to the following publication for information on constructing and maintaining effective buffers: Conservation Buffers to Reduce Pesticide Losses. Natural Resources Conservation Services. <https://www.regulations.gov/document?D=EPA-HQ-OPP-2008-0331-0175>

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

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

Buffer Zone for ULV Aerial Application - DO NOT apply within 450 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, natural ponds, estuaries, and commercial fish ponds).

Buffer Zone for Non-ULV Aerial Application – DO NOT apply within 150 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, natural ponds, estuaries, and commercial fish ponds).

For agricultural uses in New York, this product may not be applied within 100 feet (using ground equipment to 300 feet (for Non-ULV application using aerial equipment) of coastal marshes or stream that drain into coastal marshes.

Following best management practices can help reduce risk to terrestrial pollinators. Examples of best management practices include applying pesticides in the evening and at night when pollinators are not foraging and checking to confirm hive locations before spraying. For additional resources on pollinator best management practices, visit <https://www.epa.gov/pollinator-protection/find-bestmanagement-practices-protect-pollinators>.

Managed pollinator protection plans are developed by states/tribes to promote communication between growers, landowners, farmers, beekeepers, pesticide users, and other pest management professionals to reduce exposure of bees to pesticides. If available, visit state plans for additional information on how to protect pollinators.

How to Report Bee Kills It is recommended that users contact both the state lead agency and the U.S. Environmental Protection Agency to report bee kills due to pesticide application. Bee kills can be reported to EPA at beekill@epa.gov. To contact your state lead agency, see the current listing of state pesticide regulatory agencies at the National Pesticide Information Center's website: http://npic.orst.edu/reg/state_agencies.html.

ARTICHOKE

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Cribrate weevil (grubs)	8.5 fl. oz.	0.49 fl. oz.	Apply as a 5 - 7 inch band over the row on the soil surface, a 5 - 7 inch band over the open furrow (T-band) in-furrow with the seed, or broadcast to the soil surface.
	(0.1 lb. ai/A)		
* Based on 30 inch row spacings			
RESTRICTIONS			
<ul style="list-style-type: none">• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.• DO NOT apply more than 1 at-plant application per year.• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application.			

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Cribrate weevil (grubs)	8.5 fl. oz. (0.1 lb. ai/A)	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides. PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting depth.
RESTRICTIONS <ul style="list-style-type: none"> DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . DO NOT apply more than 1 PRE or PPI application per year. DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PRE or PPI. 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Cribrate weevil Artichoke plume moth	8.5 fl. oz. (0.1 lb. ai/A)	Apply when pest population reaches damaging threshold and repeat as necessary to maintain control, but not more often than 15 day intervals. Apply a full cover spray in a minimum of 75 gallons of finished spray per acre by ground. Apply specified dosage in a minimum of 10 gallons of finished spray per acre air.
RESTRICTIONS <ul style="list-style-type: none"> DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. DO NOT make more than 5 applications per year. DO NOT make applications less than 15 days apart. DO NOT apply within 5 days of harvest. DO NOT apply more than a total of 42.5 fl. oz. (0.5 lb. ai) per acre per year. 		

Artichoke Restrictions:

- **DO NOT** apply more than 0.5 lb. ai/A per year including at-plant, PPI, PRE and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

BRASSICAS, Head and Stem (Crop Subgroup 5A)

Including: Broccoli, Chinese, Broccoli (gailon, white flowering broccoli), Brussels Sprouts, Cauliflower, Cavalo broccoli, Kohlrabi, Cabbage, Chinese Cabbage (napa), and Chinese Mustard Cabbage (gai choy)

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Army cutworm Armyworm spp. Cabbage maggot Cutworm spp. Grubs Root aphids Root maggot Seedcorn maggot Wireworm	3.4 - 6.8 fl. oz. (0.04 - 0.08 lb. ai/A)	0.2 - 0.39 fl. oz.	Apply as a 5 - 7 inch band (T-band) over open seed furrow or in-furrow with the seed. Cutworm and armyworm treatments may be applied as broadcast treatments to the soil surface. May be applied through transplant water at time of transplanting.
<p>* Based on 30 inch row spacings</p> <p>RESTRICTIONS</p> <p>DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai)/A per application .</p> <p>DO NOT apply more than 1 at-plant application per year.</p> <p>DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai) per acre per year as an at-plant application.</p>			

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Garden symphylans Root aphids Root maggots Seed corn maggot Wireworms	3.4 - 6.8 fl. oz. (0.04 - 0.08 lb. ai/A)	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE-transplant herbicides. PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting or transplant depth.
<p>RESTRICTIONS</p> <ul style="list-style-type: none"> • DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai)/A per application. • DO NOT apply more than 1 PRE or PPI application per year. • DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai)per acre per year as a PRE or PPI application 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
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Aphids Armyworms Black burrowing bug Cutworms Corn earworm Crickets Cucumber beetles Diamondback moth Flea beetles Ground beetles Imported cabbageworm Leafhoppers Loopers Saltmarsh caterpillar Stink bugs Thrips Tobacco budworm Whitefly Wireworm (adults)	2.8 – 8.5 fl. oz. (0.033 – 0.1 lb. ai/A)	Thorough coverage is necessary to attain acceptable control. Make application at the onset of infestation reaching locally determined economic thresholds. Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment. When applying by air, 1 - 2 quarts of emulsified oil may be substituted for 1 - 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.
Banks grass mite Carmin mite Lygus spp. Pacific spider mite Twospotted spider mite	6.5 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. • DO NOT make more than 5 applications per year. • DO NOT make applications less than 7 days apart. • DO NOT apply within 7 days of harvest. • DO NOT apply more than 42.5 fl. oz. (0.5 lb. ai) per acre per year as foliar applications 		

Brassica, Head and Stem (Crop Subgroup 5A) Restrictions:

- **DO NOT** apply more than 0.5 lb. ai/A per year including At-Plant, PRE, PPI, and Foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

BUSHBERRIES (Crop Subgroup 13-07B)[*]

Including: 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

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Wireworm White grubs	8.5 fl. oz. (0.1 lb. ai/A)	Apply as a (T-band) over an open furrow immediately prior to transplanting, or in- furrow with the transplant in sufficient water for planting. May also be applied as a solid drench with transplant water at time of transplanting
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. • DO NOT apply more than 1 at-plant application per year. • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application 		

PPI (Site Preparation) & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Wire worm White grubs Blueberry maggot (larvae)	PPE 3.4 – 8.5 fl. oz. (0.04 - 0.1 lb. ai/A)	Incorporate AG37709 BH 1.5SC Insecticide close to the anticipated depth of the seed, but do not exceed 3 inches in depth. PPI: Use the 4 - 5.3 fl. oz./A (0.047 - 0.062 lb. ai/A) rate only. Apply alone or with PPI herbicides as a tank mix. PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides.
Wire worm White grubs Blueberry maggot (larvae)	PPI 8.5 fl. oz. (0.1 lb. ai/A)	PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides, insecticides and fungicides where allowed. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth. Incorporate close to the intended planting depth.
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. • DO NOT make more than 1 PRE or PPI application per year. • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PPI or PRE application. 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aphids Blueberry maggot Fruitworm Japanese beetle Leafhoppers Leaf rollers Lecanium scale (crawlers) Obliquebanded leaf roller Plum curculio Red banded leafroller Spanworm Variegated leafroller Spotted winged drosophila	3.4 – 8.5 fl. oz. (0.04 - 0.1 lb. ai/A)	Thorough coverage is necessary to attain acceptable control. Make application at the onset of infestation reaching locally determined economic thresholds. Apply in a minimum of 2 gallons of finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment. Thorough coverage is essential to achieve control.
Carmine mite Lygus spp. Pacific spider mite Twospotted spider mite	6.5 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. • DO NOT make more than 5 applications per year. • DO NOT make applications less than 7 days apart. • DO NOT apply within 1 days of harvest. • DO NOT apply more than 42.5 fl. oz. (0.5 lb. ai) per acre per year as foliar applications 		

[*] Not for Use in California]

Bushberries (Crop Subgroup 13-07B) Restrictions:

- **DO NOT** apply more than 0.5 lb. ai/A per year including at-plant, PRI, PRE and foliar application of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

CANEBERRIES (Crop Subgroup 13-07A)*]

Including: Caneberries including Bingleberries, Blackberries, Dewberries, Loganberries, Lowberries, Marionberries, Olallieberries, Raspberries, and Youngberries.

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Wireworm White grubs	8.5 fl. oz. (0.1 lb. ai/A)	Apply as a (T-band) over an open furrow immediately prior to transplanting, or in- furrow with the transplant in sufficient water for planting. May also be applied with transplant water at time of transplanting.
RESTRICTIONS <ul style="list-style-type: none">DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.DO NOT apply more than 1 at-plant application per year.DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application.		

PPI (Site Preparation) & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Wireworm White grubs	8.5 fl. oz. (0.1 lb. ai/A)	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides. PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting depth.
RESTRICTIONS <ul style="list-style-type: none">DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application .DO NOT apply more than 1 PRE or PPI application per year.DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PRE or PPI.		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Leafrollers Orange tortrix Root weevils Spotted winged drosophila	4.3 – 8.5 fl. oz. (0.05 - 0.1 lb. ai/A)	Apply by air or ground equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons of finished spray per acre by air and 50 gallons of finished spray per acre by ground). One application may be made pre-bloom and a second application may be made post-bloom. For Crown Borer, apply 0.1 lb. ai/A post-harvest (fall) or pre bloom (spring), as a drench application directed at the crown of plants in a minimum of 200 gallons water per acre. Greater efficacy is observed at higher gallons (up to 400 gallons/A) or in an application prior to a significant rainfall event. DO NOT make both pre-bloom foliar and pre- bloom drench applications.
Raspberry Crown borer	8.5 fl. oz. (0.1 lb. ai/A)	

Spider mites	
RESTRICTIONS <ul style="list-style-type: none"> DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. DO NOT make more than 2 applications per year. DO NOT make applications less than 7 days apart. DO NOT apply within 3 days of harvest. DO NOT apply more than 17.0 fl. oz. (0.2 lb. ai) per acre per year as foliar applications 	

[*] Not for Use in California]

Caneberries (Crop Subgroup 13-07A) Restrictions:

- DO NOT** exceed 0.2 lb. ai/A per year including at-plant, PRI, PRE, and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

CANOLA, CRAMBE, RAPESEED[*]

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Army cutworm Armyworm spp. Cutworm spp. Grape colaspis Grubs Root aphids Seed corn beetle Seed corn maggot Stalkborer Sugarcane beetle True armyworm Wireworm	6.83 fl. oz. (0.08 lb. ai/A)	Apply as a 5 to 7 inch band (T-band) over an open furrow, or in-furrow with the seed.
RESTRICTIONS <ul style="list-style-type: none"> DO NOT apply more than 6.83 fl. oz. (0.08 lb. ai)/A per application . DO NOT apply more than 1 at-plant application per year. DO NOT apply more than 6.83 fl. oz. (0.08 lb. ai) per acre per year as an at-plant application. 		

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Cribrate weevil (grubs)	6.83 fl. oz. (0.08 lb. ai/A)	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides. PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting depth.
RESTRICTIONS <ul style="list-style-type: none"> DO NOT apply more than 6.83 fl. oz. (0.08 lb. ai)/A per application . DO NOT apply more than 1 PRE or PPI application per year. DO NOT apply more than 6.83 fl. oz. (0.08 lb. ai) per acre per year as a PRE or PPI. 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aphids Armyworms Cutworms Diamondback moth Loopers Other lepidopterous (larvae) Flea beetle Flea hopper Grasshopper Plant bug Stink bugs Seedpod weevil Thrips Whitefly	2.8 – 3.4 fl. oz. (0.033 - 0.04 lb. ai/A)	Apply in a minimum of 2 gallons finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment. When applying by air, 1 - 2 quarts of emulsified oil may be substituted for 1 - 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 3.4 fl. oz. (0.04 lb. ai)/A per application. • DO NOT make more than 2 applications per year. • DO NOT make applications less than 14 days apart. • DO NOT apply within 35 days of harvest. • DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai) per acre per year as foliar applications 		

[*] Not for Use in California]

Canola, Crambe, and Rapeseed Restrictions:

- **DO NOT** apply more than 0.08 lb. ai/A per year including at-plant, PRI, PRE, and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

CHRISTMAS TREES[*]

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Balsam twig aphid Balsam wooly adelgid Cinara aphid Elongated hemlock scale Root weevil Spruce spider mite	5.1 – 8.5 fl. oz. (0.06 - 0.1 lb. ai/A)	Apply in a minimum of 5 gallons finished spray per acre by air or in a minimum of 20 gallons per acre with ground equipment. Thorough coverage is essential to achieve control. This product is normally not phytotoxic to Christmas trees. Since some varieties grown under local climatic conditions may be sensitive to this product, test a small area of typical plants to ensure that no injury occurs.
<p>[*] Not for Use in California]</p> RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1lb. ai)/A per application. • DO NOT make more than 3 applications per year. • DO NOT make applications less than 21 days apart. • DO NOT apply more than 25.5 fl. oz. (0.3 lb. ai) per acre per year as foliar applications • DO NOT make applications through irrigation systems. • DO NOT make aerial application outside of OR and WA. 		

CILANTRO, CORIANDER

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Armyworm spp. Cutworm spp. Flea beetle (larvae) Wireworm	3.4 - 6.8 fl. oz. (0.04 - 0.08 lb. ai/A)	0.2 - 0.39 fl. oz.	Apply as a 5 - 7 inch band over the row on the soil surface, a 5 - 7 inch band over the open furrow (T-band) in-furrow with the seed, or broadcast to the soil surface.
* Based on 30 inch row spacings RESTRICTIONS <ul style="list-style-type: none"> DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai)/A per application . DO NOT apply more than 1 at-plant application per year. DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai) per acre per year as an at-plant application. 			

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Army cutworm Armyworm spp. Cutworm spp. Grape colaspis Grubs Root aphids Seed corn beetle Seed corn maggot Wireworms (PPI Only)	3.4 - 6.8 fl. oz. (0.04 - 0.08 lb. ai/A)	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE-transplant herbicides. PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting or transplant depth.
RESTRICTIONS <ul style="list-style-type: none"> DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai)/A per application .. DO NOT apply more than 1 PRE or PPI application per year. DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai)per acre per year as a PRE or PPI application 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aphids Beet armyworm Cabbage looper Cutworm Flea beetle Grasshoppers Leafminer Saltmarsh caterpillar Spotted cucumber beetle Thrips Whitefly	2.8 – 8.5 fl. oz. (0.033 - 0.1 lb. ai/A)	Apply using sufficient water to obtain uniform coverage. Apply with ground equipment using a minimum of 10 gallons of finished spray per acre or a minimum of 2 gallons per acre by aircraft equipment
Raspberry Crown borer Spider mites	6.8 - 8.5 fl. oz. (0.08 - 0.1 lb. ai/A)	.

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.
- **DO NOT** make more than 5 applications per year.
- **DO NOT** make applications less than 7 days apart.
- **DO NOT** apply within 3 days of harvest.
- **DO NOT** apply more than 42.5 fl. oz. (0.5 lb. ai) per acre per year as foliar applications

Cilantro and Coriander Restrictions:

- **DO NOT** apply more than 0.5 lb. ai/A per year including at-plant, PPI, PRE and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

CITRUS (Crop Group 10-10)

Including: 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; uni fruit; cultivars, varieties, and/or hybrids of these

Use Directions:

When applied as directed, AG37709 BH 1.5SC Insecticide will provide control of the following pests listed in the table below. Apply AG37709 BH 1.5SC Insecticide by ground equipment to bare soil beneath citrus trees. AG37709 BH 1.5SC Insecticide must be uniformly applied from the trunk to the drip line of tree. Apply in a minimum of 40 gallons of dilute spray per acre.

Greater spray volume should ensure greater uniformity of coverage. A pre- and post-application irrigation may aid in the uniformity of coverage as well.

AG37709 BH 1.5SC Insecticide protects citrus tree roots from Diaprepes and other citrus root weevil feeding by forming a barrier which provides contact activity on newly hatched larvae (neonates). As citrus root weevil eggs hatch in new foliage, neonates fall to the soil surface beneath the tree and come in contact with AG37709 BH 1.5SC Insecticide as they attempt to burrow into the root zone. Disturbance of the soil beneath trees should be minimized.

Timing of AG37709 BH 1.5SC Insecticide applications is critical. Current information suggests that peak emergence of adult Diaprepes Weevil varies by citrus growing region and these emergence peaks can be dramatically affected by environmental factors, such as soil moisture. Typically, two peaks are observed for Diaprepes, first in spring then late summer or early fall. Southern Blue- Green and Blue-Green Citrus Weevils and Fuller Rose Beetle typically exhibit a single emergence peak in the spring. Brown and Little Leaf Notchers typically exhibit three emergence peaks, spring, summer and fall. Since emergence varies seasonally and by location, timing of AG37709 BH 1.5SC Insecticide application can be accurately forecast by observing adults. Adults are most active early morning and late afternoon; numbers can be estimated by trapping throughout spring and summer (emergence periods). Egg laying will occur for 8 to 10 weeks following adult emergence from the soil; larval invasion of the soil will begin 2 to 3 weeks following adult emergence. It is critical to have the AG37709 BH 1.5SC Insecticide soil barrier in place prior to drop of the neonates.

AG37709 BH 1.5SC Insecticide is one of several effective tools in an integrated pest management program for Citrus Root Weevils. Apply AG37709 BH 1.5SC Insecticide in conjunction with good cultural practices, biological control of larvae and foliar control of adults. Consult local university extension personnel for current information to protect citrus trees from Citrus Root Weevils and other pests.

Apply to individual citrus resets, when not in solid planted rows, using hand-gun or shielded sprayer. Peak emergence of Diaprepes root weevil normally occurs in the spring. Depending on weather conditions, a minor emergence of Diaprepes root weevil may also occur in the fall. If the citrus grove to be treated is in an area where weather conditions are conducive to primary emergence occurring in the spring, apply 42.5 fl. oz. formulated product to obtain the longest residual

management of Diaprepes root weevil. If the citrus grove to be treated is in an area where weather conditions will promote more than one peak of pest emergence, 21.25 fl. oz. formulated product can be applied early season and 21.25 fl. oz. formulated product can be applied later in the season.

BARE SOIL SURFACE UNDER DRIP LINE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Asian cockroach[*] (<i>Blattella asahinae</i>) Fire ants[*] (<i>Solenopsis</i> spp.)	8.5 - 21.25 fl. oz. (0.1 - 0.25 lb. ai/A)	Apply by ground in a minimum of 40 gallons of dilute spray per acre. Make uniform application to bare soil beneath the tree from the trunk to the drip line of the tree. Use a higher spray volume to ensure uniformity of coverage. Pre- and post-application irrigation may also aid in uniform coverage.
Blue Green Citrus Root Weevil (<i>Pachnaeus opalus</i>) Brown Leaf Notcher (<i>Epicaerus mexicanus</i>) Diaprepes Root Weevil (<i>Diaprepes abbreviatus</i>) Little Leaf Notcher (<i>Artipus floridanus</i>) Southern Blue Green Citrus Root Weevil (<i>Pachnaeus litus</i>)	21.25 - 42.5 fl. oz. (0.25 - 0.50 lb. ai/A)	<p>AG37709 BH 1.5SC Insecticide protects tree roots from root weevils by forming a barrier of pesticide through which they must burrow when the newly hatched neonates fall from the tree. After application minimize disturbance of the soil beneath the trees to maintain this barrier. It is important to time applications correctly. Peak emergence of adult Diaprepes Weevil varies by citrus growing region and is also dramatically affected by environmental factors such as soil moisture. Typically, two peaks are observed for Diaprepes, first in spring and then in late summer or early fall. For Southern Blue Green and Blue Green Citrus Weevils and Fuller Rose Beetle, a single emergence peak in the spring is typical. Brown and Little Leaf Notchers typically have three emergence peaks in spring, summer, and fall.</p> <p>Since emergence varies seasonally and by location, observation of adults is the most accurate way to forecast timing of applications. Numbers of adults can be estimated by trapping during spring and summer during the active early morning and later afternoon periods. Egg laying occurs for 8 - 10 weeks following emergence from the soil, and larval invasion of the soil begins 2 - 3 weeks following adult emergence. It is critical to have the AG37709 BH 1.5SC Insecticide soil barrier in place before the neonates drop.</p> <p>Use AG37709 BH 1.5SC Insecticide in conjunction with other tools in an integrated pest management program for Citrus Root Weevils. Good cultural practices, biological control of larvae and foliar control of adults are all important. Local university extension personnel can provide the most current information to protect citrus trees.</p> <p>Additional information:</p> <p>Apply to individual citrus resets, when not in solid planted rows, using hand-gun or shielded sprayer.</p> <p>Note that although peak emergence of Diaprepes occurs in the spring, weather conditions can lead to emergence of this pest in the fall.</p> <p>Use the highest rate (42.5 fl. oz (0.5 lb. ai)) to obtain the longest residual management of Diaprepes root weevil. If the citrus grove to be treated is in an area where weather conditions will promote more than one peak of pest emergence, make an initial application of 21.25 fl. oz.(0.25 lb. ai) early season and second application of 21.25 fl. oz.(0.25 lb. ai) later in the season.</p>
<p>[*] Not for Use in California]</p> <p>RESTRICTIONS</p> <ul style="list-style-type: none"> • DO NOT apply AG37709 BH 1.5SC Insecticide through irrigation systems. • DO NOT allow AG37709 BH 1.5SC Insecticide to contact fruit or foliage. • DO NOT apply more than 42.5 fl. oz.(0.5 lb. ai)/ A per application. • DO NOT apply more than 21.25 fl. oz. (0.25 lb. ai)/A per application for control of fire ant and Asian cockroaches. • DO NOT make more than 2 applications per year at reduced rates. • DO NOT make applications less than 30 days apart. • DO NOT apply more than a total of 42.5 fl. oz. (0.5 lb. ai) per acre per year. • DO NOT apply by air. 		

CONIFER SEED ORCHARDS [*]

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Cone worms Seed bugs Seed worms	8.5 – 17.0 fl. oz. (0.1 - 0.2 lb. ai/A)	For spray applications, cover foliage with sufficient water to provide thorough, uniform coverage and distribution of spray mixture. For ground applications, use a minimum of 100 to 500 gallons of spray mixture per acre. For air applications, use a minimum of 10 gallons of spray mixture or 0.5 gallons of refined vegetable oil per acre. Start the initial application 7 days after peak pollen flight and continue on 30-day intervals.
[*] Not for Use in California] For use only in AL, AR, FL, GA, LA, MS, OK, SC, TN, TX & VA. RESTRICTIONS <ul style="list-style-type: none">• DO NOT apply more than 17.0 fl. oz. (0.2 lb. ai)/A per application.• DO NOT make more than 3 applications per year.• DO NOT make applications less than 30 days apart.• DO NOT apply more than 51.0 fl. oz. (0.6 lb. ai) per acre per year as foliar applications		

CORN

Field Corn (Grain and Silage), Popcorn, Field Corn Grown for Seed, Sweet Corn, Sweet Corn Grown for Seed

Heavy Corn Rootworm Pressure Management Program: In areas where large corn rootworm populations are present, a multi-approach system may be needed for optimal pest management. However, if the population level is not known and if a corn rootworm adult scouting program along with threshold adult control measures were not completed during the previous growing season, then utilize a maximum dosage seed treatment program or genetically modified corn rootworm resistant hybrid in addition to AG37709 BH 1.5SC Insecticide.

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Corn rootworm (larvae) (Northern, Southern and Western)	8.5 – 17.0 fl. oz. (0.1 - 0.2 lb. ai/A)	0.49 - 0.98 fl. oz.	Apply as a 5 to 7 inch band (T-band) over an open furrow, or in-furrow with the seed. For army cutworm, stalkborer, cutworm spp., true armyworm or armyworm spp., apply as a 5 to 7 inch band over the row on the soil surface, a 5 to 7 inch band over the open furrow (T-band), in- furrow with the seed, or broadcast to the soil surface.
Army cutworm Armyworm spp. Cutworm spp. Grape colaspis grubs Root aphids Seed corn beetle Seed corn maggot Stalkborer Sugarcane beetle True armyworm Wireworm	3.4 – 17.0 fl. oz. (0.04 - 0.2 lb. ai/A)	0.2 - 0.98 fl. oz.	
* Based on 30 inch row spacings			
RESTRICTIONS			
<ul style="list-style-type: none">• DO NOT apply more than 17.0 fl. oz. (0.2 lb. ai)/A per application.• DO NOT apply more than 1 at-plant application per year.• DO NOT apply more than 17.0 fl. oz. (0.2 lb. ai) per acre per year as an at-plant application			

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Armyworm spp. Black Cutworm Grape colaspis Seed corn beetle Seed corn maggot White Grub Wireworm	PPI 4.0 – 5.3 fl. oz. (0.047 - 0.062 lb. ai/A)	PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting depth. PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides
Armyworm spp. Black Cutworm Seed corn beetle Stalkborer	PRE 3.4 fl. oz. (0.04 lb. ai/A)	
RESTRICTIONS PPI <ul style="list-style-type: none">DO NOT apply more than 5.3 fl. oz. (0.062 lb. ai)/A per application .DO NOT apply for more than 1 PPI application per year.DO NOT apply more than 5.3 fl. oz. (0.062 lb. ai) per acre per year as a PPI application. PRE <ul style="list-style-type: none">DO NOT apply more than 3.4 fl. oz. (0.04 lb. ai)/A per application .DO NOT apply more than 1 PRE an application per year.DO NOT apply more than 3.4 fl. oz. (0.04 lb. ai) per acre per year as a PRE application.		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aphids Army cutworm Armyworm spp. Beet armyworm Cereal leaf beetle Chinch bug Common stalk borer Corn earworm ¹ Corn rootworm (adult) Cucumber beetle adult Cutworm spp. European corn borer ² Fall armyworm Flea beetle Grasshoppers Greenbug Japanese beetle adult Sap beetle Southern armyworm Southern corn leaf beetle Southwestern corn borer ² Stinkbugs Tarnished plant bug True armyworm Webworms Western bean cutworm Yellowstriped armyworm	2.8 – 8.5 fl. oz. (0.033 – 0.1 lb. ai/A)	<p>Apply in a minimum of 2-5 gallons of finished spray per acre by aircraft or in a minimum of 10 gallons per acre with ground equipment. To improve control by aircraft, use 5 gallons of finished spray per acre particularly when initial populations are heavier than normal.</p> <p>When applying by air, 1-2 quarts of emulsified oil may be substituted for 1-2 quarts of water in the finished spray.</p> <p>Thorough coverage is essential to achieve control.</p> <p>¹To Control Ear Attacking Pests: Apply AG37709 BH 1.5SC Insecticide just before silking and repeat as necessary to maintain control.</p> <p>²Southwestern Corn Borer, European Corn Borer: Make application for corn borer control with initial application at or shortly before egg hatch.</p> <p>For Control of Other Insect Pests: Apply when pests first appear and repeat as necessary.</p>
Banks grass mite ³ Carmine mite ³ Twospotted spider mite ³	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	<p>³For Control of Mites: Apply for Banks Grass Mite control when colonies first form prior to leaf damage or discoloration and before dispersal above the bottom third of the plant.</p> <p>For Twospotted Spider Mite and Carmine Mite control, apply when colonies first form prior to leaf damage or discoloration and before widespread mite dispersal throughout the canopy. Higher labeled rates will be necessary for heavier initial populations and corn under heat or drought stress. Field experience with dimethoate at 0.5 lb. active per acre in tank mixture has demonstrated good control under these conditions.</p> <p>For Mite Control in Texas, New Mexico, Oklahoma, and Arizona: Apply in a minimum of 5 gallons of finished spray per acre by aircraft or in a minimum of 10 gallons per acre with ground equipment.</p>

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.
- **DO NOT** make applications less than 3 days apart.
- Use of ultra low volume (ULV) application on corn is prohibited.
- **DO NOT** make aerial or ground applications to corn if heavy rainfall is imminent.
- For field corn
 - **DO NOT** make more than 3 applications per year.
 - **DO NOT** apply more than 25.5 fl. oz. (0.3 lb. ai) per acre per year.
 - **DO NOT** apply within 30 days of harvest for field corn (grain and silage), popcorn, field corn grown for seed.
 - **DO NOT** graze livestock in treated areas or cut treated crops for feed within 30 days of the last application for field corn (grain and silage), popcorn, field corn grown for seed.
- For sweet corn
 - **DO NOT** make more than 2 applications per year.
 - **DO NOT** apply more than 17.0 fl. oz. (0.2 lb. ai) per acre per year.
 - **DO NOT** apply within 1 day of harvest for sweet corn or sweet corn grown for seed.
 - **DO NOT** graze livestock in treated areas or cut treated crops for feed within 1 day of the last application for sweet corn or sweet corn grown for seed.

Corn Restrictions:

- For field corn
 - **DO NOT** apply more than 0.3 lb. ai/A total per year including ppi, at-plant, pre-emergence, and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin products.
- For sweet corn
 - **DO NOT** apply more than 0.2 lb. ai/A total per year including ppi, at-plant, pre-emergence, and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin products.

COTTON[*]**At-Plant**

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Cutworm spp. White grub Grape colaspis Root maggot Seedcorn maggot Wireworm	1.7 – 8.5 fl. oz. (0.02 - 0.1 lb. ai/A)	0.1 - 0.5 fl. oz.	Apply as a 5 - 7 inch band (T-band) over the open or in-furrow with the seed.
* Based on 30 inch row spacings			
RESTRICTIONS			
<ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . • DO NOT apply more than 1 at-plant application per year. • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application. 			

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Cutworm spp. Grape colaspis Root maggot Seedcorn maggot	3.4 – 8.5 fl. oz. (0.04 - 0.1 lb. ai/A)	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE-transplant herbicides.

White Grub Wireworm		PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting or transplant depth.
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . • DO NOT apply more than 1 PRE & PPI application per year. • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PRE & PPI application. 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
European corn borer Soybean (banded) thrips Tobacco thrips	1.7 – 8.5 fl. oz. (0.02 – 0.1 lb. ai/A)	<p>Apply as needed using sufficient water to obtain uniform coverage. Apply with ground equipment using a minimum of 5 gallons of finished spray per acre or a minimum of 1 gallon per acre by aircraft.</p> <p>AG37709 BH 1.5SC Insecticide may be applied in water or refined vegetable oil (soybean/cottonseed).</p> <p>Application in Water: Apply in a minimum of 5 gallons per acre with ground equipment or 1 gallon per acre by aircraft. When applying by air, 1 quart of emulsified oil may be substituted for one quart of water in the finished spray.</p>
Boll weevil ¹ Bollworm Cabbage looper Cotton aphid ² Cotton leafhopper Cotton leafperforator Cutworms Fall armyworm Plant bugs Saltmarsh caterpillar Southern garden leafhopper Stink bugs Tobacco budworm Whitefly Yellow striped armyworm	3.4 – 8.5 fl. oz. (0.04 – 0.1 lb. ai/A)	<p>ULV Application: Apply the suggested rate of AG37709 BH 1.5SC Insecticide in refined vegetable oil in a minimum of 1 quart of finished spray per acre with aircraft calibrated to give adequate coverage.</p> <p>¹Boll Weevil: Apply AG37709 BH 1.5SC Insecticide at an interval of 3 to 4 days until pest numbers are reduced to acceptable levels.</p> <p>²Aphids and Mites: Apply when pests first appear. Repeat as necessary to maintain control. Higher labeled rates will be required once a damaging threshold is established</p>
Beet armyworm Carmine spider mite ² Lygus spp. Pink bollworm Twospotted spider mite ₂	5.1 – 8.5 fl. oz. (0.06 – 0.1 lb. ai/A)	.

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.
- **DO NOT** make more than 5 applications except in California. For California, **DO NOT** make more than 3 foliar applications per year.
- **DO NOT** apply more than 42.5 fl. oz. (0.5 lb. ai) per acre per year as foliar applications.
- **DO NOT** make applications less than 3 days apart.
- **DO NOT** apply within 14 days of harvest.
- **DO NOT** graze livestock in treated areas or cut treated crops for feed.

[*] Not for Use in California]

Cotton Restrictions:

- **DO NOT** apply more than 0.5 lb. ai/A per year including at-plant, PRE, PPI, and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products in all states except in California
 - For California do not apply more than 0.3 pounds active per acre per year.
- **DO NOT** make more than 10 synthetic pyrethroid applications (of one product or combination of products) to a cotton crop in one growing year. Synthetic pyrethroid products include but are not limited to beta-cyfluthrin, bifenthrin, cyfluthrin, cypermethrin, esfenvalerate, fenpropathrin, gamma-cyhalothrin, lambda-cyhalothrin, permethrin & zeta-cypermethrin.

CUCURBITS (Crop Group 9)

Including: Chayote (fruit), Chinese waxgourd (Chinese preserving melon), Citron melon, Cucumber, Gherkin, Gourd, edible *Lagenaria* spp. (includes hyotan, cucuzza), *Luffa* spp. (includes hechima, Chinese okra), *Momordica* spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber), Muskmelon (hybrids and/or cultivars of *Cucumis melo*) (includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon), Pumpkin (*Cucurbita* spp.), Squash, summer (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini), Squash, winter (includes butternut squash, calabaza, hubbard squash (*C. mixta*; *C. pepo*) includes acorn squash, spaghetti squash), Watermelon (includes hybrids and/or varieties of *Citrullus* spp.).

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Cucumber beetle (larvae)	6.8 – 8.5 fl. oz. (0.08 - 0.1 lb. ai/A)	0.39 - 0.98 fl. oz.	Apply as a 5 to 7 inch band (T-band) over an open furrow, or in-furrow with the seed. May be applied through transplant water at time of transplanting.
Army cutworm Armyworm spp. Cutworm spp. Flea beetle (larvae) Grape colaspis Grubs Root aphids Seed corn beetle Seed corn maggot Stalkborer Sugarcane beetle True armyworm Wireworm	3.4 – 6.8 fl. oz. (0.04 - 0.08 lb. ai/A)	0.2 - 0.39 fl. oz.	To control cucumber beetle larvae, apply as a 5 to 7 inch band over an open furrow (T-band), or in-furrow with the seed. To control wireworm, grubs, and flea beetle larvae, apply as a 5 to 7 inch band over an open furrow (T-band), or in-furrow with the seed or transplant. For Army cutworm, Stalkborer, Cutworm spp., True armyworm or Armyworm spp., apply as a 5 to 7 inch band over the row on the soil surface, a 5 to 7 inch band over the open furrow (T-band), in- furrow with the seed, or broadcast to the soil surface or banded over the row.

* Based on 30 inch row spacings

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.
- **DO NOT** apply more than 1 at-plant application per year.
- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Army cutworm Armyworm spp. Cutworm spp. Flea beetle (larvae) Grubs Seed corn maggot True armyworm Wireworms	6.8 – 8.5 fl. oz. (0.08 - 0.1 lb. ai/A)	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE pesticides. Apply through drip or drip tape. Apply when soil is moist towards the end of the irrigation run. PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI labeled pesticides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth. Incorporate close to the intended seed planting or transplanting depth. Apply through drip or drip tape. Apply when soil is moist towards the end of the irrigation run.

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.
- **DO NOT** apply more than 1 PRE or PPI application per year.
- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PRE or PPI application

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aphids Armyworms Cabbage looper Corn earworm Cucumber beetles Cutworms Grasshopper Leafhoppers Melonworm Pickleworm Plant bug Rindworm Squash bugs Squash vine borer Stink bugs Tobacco budworm	3.4 – 8.5 fl. oz. (0.04 – 0.1 lb. ai/A)	Thorough coverage is necessary to attain acceptable control. Make application at the onset of infestation reaching locally determined economic thresholds. Apply in a minimum of 5 gallons of finished spray per acre by air or in a minimum of 20 gallons per acre with ground equipment. When applying by air 1 2 quarts of emulsified oil may be substituted for 1 – 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.
Carmine mite Lygus spp. Mite Twospotted spider mite Whitefly	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	
RESTRICTIONS <ul style="list-style-type: none"> DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. DO NOT make more than 3 applications per year (1 pre-bloom and 2 post-bloom).. DO NOT make more than 2 applications after bloom. DO NOT apply more than 25.5 fl. oz. (0.3 lb. ai) per acre per year as foliar applications. DO NOT make applications less than 7 days apart. DO NOT apply within 3 days of harvest. 		

Cucurbits (Crop Group 9) Restrictions:

- DO NOT** apply more than 0.3 lb. ai/A per year including At-plant, PRE & PPI, and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

DRIED BEANS AND PEAS (Crop Subgroup 6C)

Including: Dried cultivars of: Bean (Lupinus); Bean (Phaseolus), Field bean, Kidney bean, Lima bean (dry), Navy bean, Pinto bean, Tepary bean; Bean (Vigna), Adzuki bean, Blackeyed pea, Catjang, Cowpea, Crowder pea, Moth bean, Mung bean, Rice bean, Southern pea, Urd bean; Broad bean (dry), Chickpea, Guar, Lablab bean, Lentil; Pea (Pisum), Field pea, Pigeon pea, purple hulled peas.

At-Plant

PESTS CONTROLLED	RATE AG37709 BU 1.5SC INSECTICIDE /ACRE	RATE AG37709 BU 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Corn rootworm (larvae)	6.8 - 8.5 fl. oz. (0.08 - 0.1 lb. ai/A)	0.39 - 0.49 fl. oz.	Apply as a 5 - 7 inch band over the row on the soil surface, 5 - 7 inch band (T-band) over an open furrow, or in-furrow with the seed.
Army cutworm Armyworm spp. Cutworm spp. Grape colaspis Grubs Root maggot True armyworm Wireworm	3.4 - 6.8 fl. oz. (0.04 - 0.08 lb. ai/A)	0.2 - 0.39 fl. oz.	Apply broadcast to the soil surface for control of Army cutworm, Cutworm spp., True armyworm, or Armyworm spp.
<p>* Based on 30 inch row spacings</p> <p>RESTRICTIONS</p> <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . • DO NOT apply more than 1 at-plant application per year. • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application. 			

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Army cutworm Armyworm spp. Cutworm spp. Grape colaspis Grubs Root maggot True armyworm Wireworm (PPI only)	6.8 – 8.5 fl. oz. (0.08 - 0.1 lb. ai/A)	<p>PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides. Apply in a minimum of 10 gallons of finished spray per acre.</p> <p>PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting or transplant depth. Apply in a minimum of 10 gallons of finished spray per acre.</p>
<p>RESTRICTIONS</p> <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. • DO NOT apply more than 1 PRE or PPI application per year. • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)per acre per year as a PRE or PPI application. 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aster Leafhopper Flea Beetle Grasshoppers Leafhoppers	2.1 – 8.5 fl. oz. (0.025 – 0.1 lb. ai/A)	Apply in a minimum of 2 gallons finished spray per acre by air or in a minimum of 10 gallons of finished spray per acre with ground equipment. Thorough coverage is essential to achieve control.

Alfalfa caterpillar Aphids Bean leaf beetle Beet armyworm Cloverworm Corn earworm Corn rootworm (adult) Cucumber beetles Cutworms European corn borer Fall armyworm Grasshoppers Imported cabbageworm Japanese beetle (adult) Leafminer Loopers Mexican bean beetle Pea leaf weevil Pea weevil Plant bug Saltmarsh caterpillar Sap beetle Southern armyworm Stink bugs Tarnished plant bug Thrips Twospotted spider mite Tobacco budworm Webworms Western bean cutworm Whitefly Yellowstriped armyworm	2.8 – 8.5 fl. oz. (0.033 – 0.1 lb. ai/A)	When applying by air 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray.
Banks grass mite Carmin mite Lygus spp.	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.
- **DO NOT** make more than 2 applications to peas per year.
- **DO NOT** apply more than 17.0 fl. oz. (0.2 lb. ai) per acre per year as foliar applications to peas.
- **DO NOT** make more than 3 applications to beans per year.
- **DO NOT** apply more than 25.5 fl. oz. (0.3 lb. ai) per acre per year as foliar applications to beans.
- **DO NOT** apply within 14 days of harvest.
- **DO NOT** make applications less than 7 days apart.

Dried Beans and Peas (Crop Subgroup 6C) Restrictions:

- **DO NOT** apply more than 0.2 lb. ai/A to peas, or 0.3lb ai/A to beans per year including At-Plant, PRE & PPI, and Foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

EGGPLANT

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Army cutworm Armyworm spp. Cutworm spp. Grubs Root maggot True armyworm Wireworm	3.4 - 6.8 fl. oz. (0.04 - 0.08 lb. ai/A)	0.2 - 0.39 fl. oz.	Apply as a 5 to 7-inch band over the row on the soil surface, a 5 to 7-inch band over the open furrow (T-band), or in-furrow with the transplant or seed. Apply broadcast to the soil surface for control of Army Cutworm, Cutworm spp., True Armyworm or Armyworm spp..
<p>* Based on 30 inch row spacings</p> <p>RESTRICTIONS</p> <ul style="list-style-type: none"> DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai)/A per application. DO NOT apply more than 1 at-plant application per year. DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai) per acre per year as an at-plant application. 			

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Army cutworm Armyworm spp. Cutworm spp. Grubs Root maggot True armyworm Wireworm	<p>PRE 8.5 fl. oz. (0.1 lb. ai/A)</p> <p>PPI 3.4 – 8.5 fl. oz. (0.04 - 0.1 lb. ai/A)</p>	<p>PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides.</p> <p>Post Plant Soil Applied: Apply through drip or drip tape. Apply when soil is moist towards the end of the irrigation run.</p> <p>PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting or transplant depth.</p> <p>Post Plant Soil Applied: Apply through drip or drip tape. Apply when soil is moist towards the end of the irrigation run.</p>
<p>RESTRICTIONS</p> <ul style="list-style-type: none"> DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. DO NOT apply more than 1 PRE or PPI application per year. DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PRE or PPI application 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Armyworms (Including beet) Armyworm Fall armyworm Southern cabbage looper Colorado potato beetle Corn earworm Cucumber beetle Cutworms European corn borer Flea beetle Leafminers Loopers Pepper weevil Plant bug Stink bug Thrips Tomato hornworm Tomato pinworm Vegetable leafminer Whitefly Yellowstriped armyworm	2.8 – 8.5 fl. oz. (0.033 – 0.1 lb. ai/A)	Apply in a minimum of 2 gallons finished spray per acre by air or in a minimum of 10 gallons of finished spray per acre with ground equipment. When applying by air 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control. Make application at the onset of infestation reaching locally determined economic thresholds.
Banks grass mite Broad mite Carmine mite Lygus spp. Pacific spider mite Twospotted spider mite	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	
RESTRICTIONS <ul style="list-style-type: none">• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.• DO NOT make more than 2 applications per year.• DO NOT apply more than 17.0 fl. oz. (0.2 lb. ai) per acre per year as foliar applications.• DO NOT apply within 7 days of harvest.• DO NOT make applications less than 7 days apart.		

Eggplant Restrictions:

- **DO NOT** apply more than 0.2 lb. ai/A per year including At-Plant, PRE & PPI, and Foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

GRAPES[*]

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Grape phylloxera (suppression only) White grubs Wireworms	8.5 fl. oz. (0.1 lb. ai/A)	Apply at time of planting over an open furrow in sufficient water for planting. May be applied through transplant water at time of transplanting.

At-Plant Restrictions:

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application .
- **DO NOT** apply more than 1 at-plant application per year.
- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application.

PPI (Site Preparation) & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Vine Mealybug Grape Phylloxera (suppression only)	8.5 fl. oz. (0.1 lb. ai/A)	<p>PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides. Post Plant Soil Applied: Apply through drip or drip tape. Apply when soil is moist towards the end of the irrigations run.</p> <p>PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate be close to the intended seed planting depth. Post Plant Soil Applied: Apply through drip or drip tape. Apply when soil is moist towards the end of the irrigations run.</p>
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . • DO NOT apply more than 1 PRE or PPI application per year. • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PRE or PPI. 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Cutworms Eastern grape leafhopper Grape berry moth Japanese beetles (adult) Lady beetle (Scymnus spp.) Variegated leafhopper Western grape leafhopper Grapevine root borer	4.3 – 8.5 fl. oz. (0.05 – 0.1 lb. ai/A)	<p>Apply in a minimum of 10 gallons finished spray per acre by air or in a minimum of 25 gallons of finished spray per acre with ground equipment.</p> <p>When applying by air 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray.</p> <p>Make application at the onset of infestation reaching locally determined economic thresholds.</p>
Black vine weevil Glassywinged Sharpshooter Twospotted spider mite	8.5 fl. oz. (0.1 lb. ai/A)	<p>Thorough coverage is essential to achieve control</p> <p>When pest pressure is moderate to severe, use higher labeled rate.</p>
Banks grass mite Carmine mite Lygus spp.	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.
- **DO NOT** make more than 1 application per year.
- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as foliar applications.
- **DO NOT** apply within 30 days of harvest.

[*] Not for Use in California]

Grape Restrictions:

- **DO NOT** apply more than 0.1 lb. ai per acre per year including at-plant, PPI, PRE and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

HEAD LETTUCE**At-Plant**

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Rootworm (larvae)	6.8 – 8.5 fl. oz. (0.08 - 0.1 lb. ai/A)	0.39 - 0.98 fl. oz.	Apply as a 5 to 7 inch band over the row on the soil surface, a 5 to 7 inch band over the open furrow (T-band), or in-furrow with the seed.
Army cutworm Armyworm spp. Bulb mites Cutworm spp. Grubs Lettuce root aphid Root maggot True armyworm Wireworm	3.4 – 6.8 fl. oz. (0.04 - 0.08 lb. ai/A)	0.2 - 0.39 fl. oz.	Apply broadcast to the soil surface for control of Army cutworm, Cutworm spp., True armyworm, armyworm spp., or bulb mites.
* Based on 30 inch row spacings RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. • DO NOT apply more than 1 at-plant application per year. • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application 			

PPI

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Lettuce root aphid Garden symphylans	6.8 – 8.5 fl. oz. (0.08 - 0.1 lb. ai/A)	AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI labeled pesticides. Do not incorporate AG37709 BH 1.5SC Insecticide any deeper than the intended planting depth. Incorporate to a depth close to the intended depth.
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . • DO NOT apply more than 1 PPI application per year. • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PPI application. 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aphids Armyworms Corn earworm Cucumber beetles Cutworms Diamondback moth Flea beetles Imported cabbageworm Leafhoppers Loopers Salt marsh caterpillar Stink bug spp. Tobacco budworm Whitefly	2.8 – 8.5 fl. oz. (0.033 – 0.1 lb. ai/A)	Apply in a minimum of 2 gallons finished spray per acre by air or in a minimum of 10 gallons of finished spray per acre with ground equipment. Thorough coverage is essential to achieve control. Apply in water as necessary for insect control using a minimum of 15 gallons of finished spray per acre with ground equipment and 5 gallons per acre by air. When applying by air, 1-2 quarts of emulsified oil may be substituted for 1-2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.
Carmine mite Lygus spp. Twospotted spider mite	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. • DO NOT make more than 5 applications per year. • DO NOT apply more than 42.5 fl. oz. (0.5 lb. ai) per acre per year as foliar applications. • DO NOT make applications less than 7 days apart. • DO NOT apply within 7 days of harvest. 		

Head Lettuce Restrictions:

- **DO NOT** apply more than 0.5 lb. ai/A per year including At-Plant, PRE & PPI, and Foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

HOPS[*]

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Grape colaspis Rootworms Sweet potato flea beetle White grub Wireworms	5.1 – 8.5 fl. oz. (0.06 – 0.1 lb. ai/A)	Apply in a T-band that ensures coverage of the entire furrow, immediately prior to planting, or at planting. May also be applied as a soil drench with transplant water at time of transplanting. Apply in a minimum of 10 gallons of finished spray per acre.
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . • DO NOT apply more than 1 at-plant application per year. • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application. 		

Lay-By

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Grape colaspis Rootworms White grub Wireworms	5.1 – 8.5 fl. oz. (0.06 – 0.1 lb. ai/A)	Apply AG37709 BH 1.5SC Insecticide to the transplant area and incorporate with cultivation equipment set to throw soil towards the hill Apply in a minimum of 10 gallons of finished spray per acre.
RESTRICTIONS <ul style="list-style-type: none">• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application .• DO NOT apply more than 1 lay-by application per year.• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a lay-by application.		

PPI

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Grape colaspis Rootworms White grub Wireworms	5.1 – 8.5 fl. oz. (0.06 – 0.1 lb. ai/A)	Apply AG37709 BH 1.5SC Insecticide to the transplant area and incorporate to planting depth. Apply in a minimum of 10 gallons of finished spray per acre. May be applied as a broadcast application or an incorporated band application.
RESTRICTIONS <ul style="list-style-type: none">• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application .• DO NOT apply more than PPI application per year.• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PPI application.		

PRE & Post Plant Soil Applied

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Grape colaspis Rootworms White grub Wireworms	5.1 – 8.5 fl. oz. (0.06 – 0.1 lb. ai/A)	Apply through drip or drip tape. Apply when soil is moist towards the end of the irrigation run.
RESTRICTIONS <ul style="list-style-type: none">• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application .• DO NOT apply more than 1 PRE or post plant soil application per year.• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PRE & post plant application.		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aphids Armyworms Cutworms Leafrollers Loopers	5.1 – 8.5 fl. oz. (0.06 - 0.1 lb. ai/A)	Application by ground: For best results, full coverage is essential. Early season suggests 100 – 150 gallons of spray per acre. Late season suggests 200 – 250 gallons of spray per acre. For Root Weevil control, make a directed spray to the base of the plant. Spray up the vine 3 feet and the soil surface 1.5 to 2 feet on either side of the plant. Application by air for late season control of twospotted spider mites: Apply no less than 6.4 oz (0.1 lb. ai) per application in a minimum of 10 gallons per acre.
Root weevils	4.3 - 8.5 fl. oz. (0.05 - 0.1 lb. ai/A)	
Twospotted spider mite	8.5 fl. oz. (0.1 lb. ai/A)	
RESTRICTIONS <ul style="list-style-type: none">DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.DO NOT make more than 3 applications per year.DO NOT apply more than 25.5 fl. oz. (0.3 lb. ai) per acre per year as foliar applications.DO NOT make applications less than 21 days apart.DO NOT apply within 14 days of harvest.		

[*] Not for Use in California]

Hops Restrictions:

- **DO NOT** exceed 0.3 lb. ai per acre per year including at-plant, PRE, PPI, Layby and foliar application of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products. .
- Use of ultra low volume (ULV) application on hops is prohibited.

LEAFY BRASSICAS (Crop Group 5B), TURNIP GREENS

Including: Broccoli Raab, Bok Choy, Collards, Kale, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens, Turnip Greens

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Rootworm (larvae)	6.8 – 8.5 fl. oz. (0.08 - 0.1 lb. ai/A)	0.39 - 0.98 fl. oz.	Apply as a 5 to 7 inch band over the row on the soil surface, a 5 to 7 inch band over the open furrow (T-band), or in-furrow with the seed. May be applied through transplant water at time of transplanting.
Army cutworm Armyworm spp. Bulb mites Cutworm spp. Grubs Lettuce root aphid Root maggot True armyworm Wireworm	3.4 – 6.8 fl. oz. (0.04 - 0.08 lb. ai/A)	0.2 - 0.39 fl. oz.	

* Based on 30 inch row spacings

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.
- **DO NOT** apply more than 1 at-plant application per year.
- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Army cutworm Armyworm spp. Cutworm spp. Flea beetle (larvae) Grubs Lettuce root aphid Root maggot True armyworm Wireworm	3.4 – 8.5 fl. oz. (0.04 - 0.1 lb. ai/A)	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE-transplant herbicides. PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting or transplant depth.
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application • DO NOT apply more than 1 PRE or PPI application per year. • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PRE or PPI application 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aphids Armyworms Corn earworm Cutworms Crickets Cucumber beetles Diamondback moth Flea beetles Grasshoppers Ground beetles Imported cabbageworm Japanese beetle (adult) Leafhoppers Loopers Saltmarsh caterpillar Stink bugs Tobacco budworm Thrips Whitefly Wireworm (adults)	2.8 – 8.5 fl. oz. (0.033 – 0.1 lb. ai/A)	Apply in a minimum of 2 gallons finished spray per acre by air or in a minimum of 10 gallons of finished spray per acre with ground equipment. When applying by air 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control Thorough coverage is essential to achieve control. Application by ground: For best results, full coverage is essential. Early season suggests 100 – 150 gallons of spray per acre. Late season suggests 200 – 250 gallons of spray per acre. For Root Weevil control, make a directed spray to the base of the plant. Spray up the vine 3 feet and the soil surface 1.5 to 2 feet on either side of the plant. Application by air for late season control of twospotted spider mites: Apply no less than 6.4 oz (0.1 lb. ai) per application in a minimum of 10 gallons per acre.
Banks grass mite Carmine mite Lygus spp. Pacific spider mite Twospotted spider mite	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.
- **DO NOT** make more than 4 applications per year.
- **DO NOT** apply more than 34 fl. oz. (0.4 lb. ai) per acre per year as foliar applications
- **DO NOT** make applications less than 7 days apart.
- **DO NOT** apply within 7 days of harvest.

Leafy Brassica (Crop Subgroup 5B) and Turnip Greens Restrictions:

- **DO NOT** apply more than 0.4 lb. ai/A per year including at-plant, PPI, PRE, and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

LEAFY PETIOLE VEGETABLES (Crop Subgroup 4B)

Including: Celery, Cardoon, Chinese celery, Celtuce, Florence fennel, Rhubarb, Swiss chard

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Cutworm spp. Garden symphylans Lettuce root aphid	3.4 – 8.5 fl. oz. (0.04 – 0.1 lb. ai/A)	Apply as a 5 to 7 inch band (T-band) over an open furrow, or in-furrow with the seed. May be applied through transplant water at time of transplanting.

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application .
- **DO NOT** apply more than 1 at-plant application per year.
- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application.

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Army cutworm Armyworm spp. Cutworm spp. Flea beetle (larvae) Grubs Lettuce root aphid Root maggot True armyworm Wireworm	PRE 3.4 – 8.5 fl. oz. (0.04 - 0.1 lb. ai/A)	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides. PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides, insecticides and fungicides where allowed. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth. Incorporate close to the intended planting depth.
	PPI 8.5 fl. oz. (0.1 lb. ai/A)	

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.
- **DO NOT** make more than 1 PRE or PPI application per year.
- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PPI or PRE application.

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aphids Armyworms Corn earworm Crickets Cucumber beetles Cutworms Diamondback moth Flea beetles Ground beetles Imported cabbageworm Leafhoppers Loopers Saltmarsh caterpillar Stink bugs Thrips Tobacco budworm Whitefly Wireworm (adults)	3.4 – 8.5 fl. oz. (0.04 – 0.1 lb. ai/A)	Apply in a minimum of 2 gallons finished spray per acre by air or in a minimum of 10 gallons of finished spray per acre with ground equipment. Thorough coverage is essential to achieve control. When applying by air 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control. Thorough coverage is necessary to attain acceptable control. Make application at the onset of infestation reaching locally determined economic thresholds.
Banks grass mite Carmine mite Lygus spp. Pacific spider mite Twospotted spider mite	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	
RESTRICTIONS <ul style="list-style-type: none">• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.• DO NOT make more than 5 applications per year.• DO NOT apply more than 42.5 fl. oz. (0.5 lb. ai) per acre per year as foliar applications.• DO NOT make applications less than 7 days apart.• DO NOT apply within 7 days of harvest.		

Leafy Petiole Restrictions:

- **DO NOT** apply more than 0.5 lb. active ingredient per acre per year including at-plant, PPI, PRE and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

MAYHAW[*]

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
White grub Wireworm	8.5 fl. oz. (0.1 lb. ai/A)	<p>PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides.</p> <p>PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides.</p> <p>Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting depth.</p>

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application .
- **DO NOT** apply more than 1 PRE or PPI application per year.
- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PRE or PPI.

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Plum curculio	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	Apply foliar treatments in at least 28 gallons per acre Apply in a minimum of 2 gallons finished spray per acre by air or in a minimum of 10 gallons of finished spray per acre with ground equipment. When applying by air 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control..

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.
- **DO NOT** make more than 2 applications per year.
- **DO NOT** apply more than 17.0 fl. oz. (0.2 lb. ai) per acre per year as foliar applications.
- **DO NOT** make applications less than 7 days apart.
- **DO NOT** apply within 30 days of harvest.

[*] Not for Use in California]

Mayhaw Restrictions:

- **DO NOT** apply more than 0.2 lb. ai per acre per year including PRE, PPI and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

OKRA**At-Plant**

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Armyworm Cutworm spp. Flea beetle (larvae) Grape colaspis Root maggot Wireworm White Grub	3.4 - 6.8 fl. oz. (0.04 - 0.08 lb. ai/A)	0.2 - 0.39 fl. oz.	Apply as a 5 to 7-inch band over the row on the soil surface, a 5 to 7-inch band over the open furrow (T-band), or in-furrow with the seed, or broadcast to the soil surface.

* Based on 30 inch row spacings

RESTRICTIONS

- **DO NOT** apply more than 6.8 fl. oz. (0.08 lb. ai)/A per application.
- **DO NOT** apply more than 1 at-plant application per year.
- **DO NOT** apply more than 6.8 fl. oz. (0.08 lb. ai) per acre per year as an at-plant application.

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Cutworm spp.	3.4 – 8.5 fl. oz. (0.04 - 0.1 lb. ai/A)	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE-transplant herbicides.
Cutworm spp. Flea beetle (larvae) Grape colaspis Root maggot White Grub Wireworm	3.4 – 8.5 fl. oz. (0.04 - 0.1 lb. ai/A)	PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting or transplant depth.
RESTRICTIONS <ul style="list-style-type: none"> DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . DO NOT apply more than 1 PRE or PPI application per year. DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PRE or PPI. 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aphids Armyworms Corn earworm Cucumber beetles Cutworms European corn borer Flea beetles Japanese beetle (adult) Leafminers Loopers Stink bugs Thrips Whitefly	2.8 – 8.5 fl. oz. (0.033 – 0.1 lb. ai/A)	Apply in a minimum of 2 gallons finished spray per acre by air or in a minimum of 10 gallons of finished spray per acre with ground equipment. Thorough coverage is essential to achieve control. When applying by air 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control
Broad mite Carmine mite Lygus spp. Twospotted spider mite	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	
RESTRICTIONS <ul style="list-style-type: none">DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.DO NOT make more than 2 applications per year per year.DO NOT apply more than 17.0 fl. oz. (0.2 lb. ai) per acre per year as foliar applications.DO NOT make applications less than 7 days apart.DO NOT apply within 7 days of harvest.		

Okra Restrictions:

- ☐ **DO NOT** apply more than 0.2 lb. ai/A per year including At-Plant, PRE & PPI, and Foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin products.

PEANUT

At-Plant[*]

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Thrips, Leafhoppers, Aphids, Wireworms	6.8 - 8.5 fl. oz. (0.08 - 0.1 lb. ai/A)	0.39 - 0.49 fl. oz.	Apply as a (T-band) over an open furrow, or in-furrow with the seed.
<p>* Based on 30 inch row spacings [*] Not for Use in California</p> <p>RESTRICTIONS</p> <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. • DO NOT apply more than 1 at-plant application per year. • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application 			

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Beet armyworm Corn earworm Cutworm spp. Fall armyworm Grasshoppers Green cloverworm Leafhoppers Lesser cornstalk borer Loopers Rednecked peanut worm Southern armyworm Southern corn rootworm Stink bugs Threecornered alfalfa hopper Velvetbean caterpillar Yellowstriped armyworm	2.8 – 8.5 fl. oz. (0.033 – 0.1 lb. ai/A)	Apply in a minimum of 2 gallons finished spray per acre by air or in a minimum of 10 gallons of finished spray per acre with ground equipment. Thorough coverage is essential to achieve control. When applying by air 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control
Aphids Spider Mites Thrips Whitefly	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	
<p>RESTRICTIONS</p> <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. • DO NOT make more than 5 applications per year. • DO NOT apply more than 42.5 fl. oz. (0.5 lb. ai) per acre per year as foliar applications • DO NOT make applications less than 14 days apart. • DO NOT apply within 14 days of harvest. • DO NOT feed green immature plants and peanut hay to livestock. 		

Peanut Restrictions:

- **DO NOT** apply more than 0.5 lb. ai per acre per year including at-plant, PPI, PRE and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

PEARS

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aphids Codling moth Cutworms Green fruitworm Leafhoppers Leafminers Leafrollers lygus spp. Plant bugs Plum curculio San Jose scale (crawlers) Stink bugs Tarnished plant bugs	3.4 – 17.1 fl. oz. (0.04 – 0.2. lb. ai/A)	Apply AG37709 BH 1.5SC Insecticide in 50 or more gallons of concentrated spray per acre by ground equipment, or 200 or more gallons of diluted spray by ground equipment, or 10 or more gallons of spray per acre by aircraft to achieve thorough coverage. Thorough coverage is important for good control.
Twospotted spider mite Yellow mite	5.1 – 17.1 fl. oz. (0.06 – 0.2. lb. ai/A)	
European red met	6.8 – 17.1 fl. oz. (0.08 – 0.2 lb. ai/A)	
RESTRICTIONS <ul style="list-style-type: none">• DO NOT apply more than 17.1 fl. oz. (0.2 lb. ai)/A per application.• DO NOT make more than 3 applications at reduced rates per year.• DO NOT apply more than 42.5 fl. oz. (0.5 lb. ai) per acre per year as foliar applications• DO NOT make applications less than 30 days apart.• Apply up to 14 days prior to harvest.• DO NOT graze livestock in treated orchards or cut treated cover crops for feed.		

Pear Restrictions:

- **DO NOT** apply more than 0.5 pound active per acre per year including all foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products with no more than 0.45 pound active per acre applied after petal fall.

PEPPERS (BELL and NON-BELL) & PEPINO

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Army cutworm Armyworm spp. Cutworm spp. Flea beetle (larvae) Grubs Pepper maggot Root aphid Root maggot Stalk borer True armyworm Wireworm	3.4 - 6.8 fl. oz. (0.04 - 0.08 lb. ai/A)	0.2 - 0.39 fl. oz.	Apply as a 5 to 7-inch band over the row on the soil surface, a 5 to 7-inch band over the open furrow (T-band), or in-furrow with the transplant or seed. May be applied through transplant water at time of transplanting. Apply broadcast to the soil surface for control of Army cutworm, cutworm spp., true armyworm or armyworm spp..
<p>* Based on 30 inch row spacings</p> <p>RESTRICTIONS</p> <ul style="list-style-type: none"> DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai)/A per application . DO NOT apply for more than 1 at-plant application per year. DO NOT apply for more than 6.8 fl. oz. (0.08 lb. ai) per acre per year as an at-plant application. 			

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Army cutworm Armyworm spp. Cutworm spp. Flea beetle (larvae) Grubs True armyworm Wireworm	8.5 fl. oz. (0.1 lb. ai/A) (PRE))	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE pesticides. Post Plant Soil Applied: Apply through drip or drip tape. Apply when soil is moist towards the end of the irrigation run. PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI labeled pesticides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth. Incorporate close to the intended seed planting or transplanting depth.
army cutworm Armyworm spp. Cutworm spp. Flea beetle (larvae) Grubs True armyworm Wireworm	3.4 – 8.5 fl. oz. (0.04 - 0.1 lb. ai/A) (PPI)	Post Plant Soil Applied: Apply through drip or drip tape. Apply when soil is moist towards the end of the irrigation run.
<p>RESTRICTIONS</p> <ul style="list-style-type: none"> DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. DO NOT make more than 1 PRE or PPI application per year. DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PPI or PRE application. 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Armyworms (Including Beet) Armyworm Fall Armyworm Southern cabbage looper Colorado potato beetle Corn earworm Cucumber beetle Cutworms European corn borer Flea beetle Leafminers Loopers Pepper weevil Plant bug Stink Bug Thrips Tomato hornworm Tomato pinworm Vegetable leafminer Whitefly Yellowstriped armyworm	2.8 – 8.5 fl. oz. (0.033 – 0.1 lb. ai/A)	Apply in a minimum of 2 gallons finished spray per acre by air or in a minimum of 10 gallons of finished spray per acre with ground equipment. When applying by air 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is necessary to attain acceptable control. Make application at the onset of infestation reaching locally determined economic thresholds.
Broad mite Carmine mite Lygus spp. Pacific spider mite Twospotted spider mite	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. • DO NOT make more than 2 applications per year. • DO NOT apply more than 17.0 fl. oz. (0.2 lb. ai) per acre per year as foliar applications. • DO NOT make applications less than 7 days apart. • DO NOT apply within 7 days of harvest. 		

Pepper (Bell and Non-Bell) Restrictions:

- **DO NOT** apply more than 0.2 lb. ai/A per year including at-plant, PPI, PRE and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

ROOT CROPS (Except Sugar Beets and Garden Beets) (Crop Subgroup 1B)[*]

Including: Burdock Edible, Carrot, Celeriac, Chervil Turnip Rooted, Chicory, Garden Beet, Ginseng, Horseradish, Parsley Turnip Rooted, Parsnip, Radish, Radish Oriental, Rutabaga, Salsify, Salsify Black, Salsify Spanish, Skirret, and Turnip.

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Crown aphids Cutworms Flea Beetles Root aphids Root maggots Seedcorn maggots Wireworms	8.5 fl. oz. (0.1 lb. ai/A)	0.49 fl. oz.	Apply as a 5 to 7 inch band (T-band) over an open furrow, or in-furrow with the seed. May be applied through transplant water at time of transplanting
<p>* Based on 30 inch row spacings</p> <p>RESTRICTIONS</p> <ul style="list-style-type: none"> DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . DO NOT apply more than 1 at-plant application per year. DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application. 			

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Crown aphids Cutworms Flea Beetles Root aphids Root maggots Seedcorn maggots Wireworms	8.5 fl. oz. (0.1 lb. ai/A)	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides. PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting depth.
<p>RESTRICTIONS</p> <ul style="list-style-type: none"> DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . DO NOT apply more than 1 PRE or PPI application per year. DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PRE or PPI. 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aphids Beet armyworm Celery leaf tier Corn earworm Cross striped cabbageworm Cutworms Diamondback moth European corn borer Fall armyworm Fire ants Flea beetles Green cloverworm Hornworms Imported cabbageworm loopers Southern armyworm Spider mites	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	Apply foliar sprays in at least 25 gallons of finished spray per acre. Thorough coverage is necessary to attain acceptable control. Make application at the onset of infestation reaching locally determined economic thresholds.
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. • DO NOT make more than 5 applications per year. • DO NOT apply more than 42.5 fl. oz. (0.5 lb. ai) per acre per year as foliar applications. • DO NOT make applications less than 7 days apart. • DO NOT apply within 21 days of harvest. 		

[*] Not for Use in California]

Root Crops Restrictions:

- **DO NOT** apply more than 0.5 lb. ai per acre per year including at-plant, PRE, PPI and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

GARDEN BEETS[*]**At-Plant**

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Crown aphids Cutworms Flea Beetles Root aphids Root maggots Seedcorn maggots Wireworms	8.5 fl. oz. (0.1 lb. ai/A)	Apply as a 5 to 7 inch band (T-band) over an open furrow, or in-furrow with the seed. May be applied through transplant water at time of transplanting.
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . • DO NOT apply more than 1 at-plant application per year. • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application. 		

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Crown and root aphids Cutworms Flea beetles Root maggots Seedcorn maggots Wireworms	8.5 fl. oz. (0.1 lb. ai/A)	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides. PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting depth.
RESTRICTIONS <ul style="list-style-type: none">• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application .• DO NOT apply more than 1 PRE or PPI application per year.• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PRE or PPI.		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aphids Fire ants Flea beetles Lepidopterous (larvae) Spider mites Whitefly	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	Thorough coverage is necessary to attain acceptable control. Make application at the onset of infestation reaching locally determined economic thresholds. Apply foliar treatments in at least 25 gallons of finished spray per acre.
RESTRICTIONS <ul style="list-style-type: none">• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.• DO NOT make more than 4 applications per year.• DO NOT apply more than 34 fl. oz. (0.4 lb. ai) per acre per year as foliar applications.• DO NOT make applications less than 7 days apart.• DO NOT apply within 1 days of harvest.		

[*] Not for Use in California]

Garden Beets Restrictions:

- **DO NOT** apply more than 0.4 lb. ai per acre per year including at-plant, PRE, PPI and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

Grass Forage, Fodder, and Hay Group and Grass Grown for Seed, Pasture and Rangeland

Including: bahiagrass, barnyardgrass, bentgrass, Bermudagrass, Kentucky bluegrass, big bluestem, smooth brome grass, buffalograss, reed canarygrass, centipedegrass, crabgrass, cupgrass, dallisgrass, sand dropseed, Kentucky fescue, meadow foxtail, eastern gramagrass, side-oats grama, guinea grass, Indian grass, Johnsongrass, lovegrass, napiergrass, oatgrass, orchardgrass, pangolagrass, paspalum, redtop, Italian ryegrass, St. Augustine grass, sprangletop, squirreltailgrass, stargrass, switchgrass, timothy, crested wheatgrass, wildrye grass and zoysia grass. Also included are sudangrass and sorghum forages and their hybrids.

NOTE: Use on grasses is limited to the States of Idaho, Oregon, and Washington.

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Army cutworms Armyworm spp. Cutworm spp. Grape colaspis Grubs Root maggots True armyworm Wireworms	8.5 fl. oz. (0.1 lb. ai/A)	0.49 fl. oz.	Apply as a 5 to 7-inch band over the row on the soil surface, a 5 to 7-inch band over the open furrow (T-band), or in-furrow with the seed. Apply broadcast over the soil surface for control of Army cutworm, Cutworm spp., True armyworm, or Armyworm spp.. Apply in a minimum of 5 gallons per acre when applied as in in-furrow or T-band application.
<p>* Based on 30 inch row spacings</p> <p>RESTRICTIONS</p> <ul style="list-style-type: none"> DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . DO NOT apply more than 1 at-plant application per year. DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application. 			

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Army cutworms Armyworm spp. Cutworm spp. Grape colaspis Grubs Root maggots True armyworm Wireworms (PPI only)	8.5 fl. oz. (0.1 lb. ai/A)	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides. Apply in a minimum of 10 gallons per acre. PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting depth. Apply in a minimum of 10 gallons per acre.
<p>RESTRICTIONS</p> <ul style="list-style-type: none"> DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . DO NOT apply more than 1 PRE or PPI application per year. DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PRE or PPI. 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Alfalfa caterpillar Alfalfa looper Alfalfa weevil Banks grass mite Blue alfalfa aphid ¹ Carmine mite Cutworms Egyptian alfalfa weevil (larvae & adult)	8.5 fl. oz. (0.1 lb. ai/A)	Apply in a minimum of 2 gallons finished spray per acre by air or in a minimum of 10 gallons of finished spray per acre with ground equipment. Apply as insects appear in sufficient volume of water to ensure thorough coverage of foliage. Use higher labeled rate for increased pest pressure or for increased residual pest control.

Flea beetles Green cloverworm Green peach aphid ¹ Hornworms Lygus spp. Meadow spittlebug Pea aphid ¹ Potato leafhopper Spotted alfalfa aphid ¹ Threecornered alfalfa hopper Velvetbean caterpillar Webworms Armyworm, southern Armyworm, true Armyworm, yellowstriped Ant spp. excluding harvester and carpenter ants Cereal leaf beetle Chinch bug cricket Grass mealybug Grasshoppers Range caterpillar Stink bugs Armyworm, fall Black grass bug Hunting bill bug Plant bug spp.		Higher volumes of finished spray may improve insect control under high temperatures when foliage is dense and/or when insect pressure is high.
¹ Aphid control may be variable depending on species present and host-plant relationships RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. • DO NOT make more than 2 applications per year. • DO NOT apply more than 17.0 fl. oz. (0.2 lb. ai) per acre per year as foliar applications. • DO NOT make applications less than 14 days apart. • DO NOT apply within 30 days of harvest for forage and hay. 		

Grass Forage, Fodder, Hay Group and Grass Grown for Seed, Pasture, and Rangeland

Restrictions:

DO NOT apply more than 0.2 lb. active ingredient to Grass Forage, Fodder, and Hay Group and Grass Grown for Seed, Pasture and Rangeland including At-Plant, PRE & PPI, and Foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

SOD FARMS

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Cutworms ¹ White Grub Wireworm Crickets Earwigs Ants excluding harvester and carpenter ants Chinch Bugs ⁵ Imported Fire Ants ⁸	8.5 fl. oz. (0.1 lb. ai/A)	Apply as a 5 to 7 inch band (T-band) over an open furrow, or in-furrow with the seed.
RESTRICTIONS <ul style="list-style-type: none"> DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . DO NOT apply more than 1 at-plant application per year. DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application. 		

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Cutworms ¹ White Grub Wireworm Crickets Earwigs Ants excluding harvester and carpenter ants Chinch Bugs ⁵ Imported Fire Ants ⁸	8.5 fl. oz. (0.1 lb. ai/A)	AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE & PPI herbicides. PPI: Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting depth.
RESTRICTIONS <ul style="list-style-type: none"> DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . DO NOT apply more than 1 PRE or PPI application per year. DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PRE or PPI. 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 SQ. FT.	APPLICATION INSTRUCTIONS
Armyworms ¹ Cutworms ¹ Sod Webworm ¹	2.8 – 17.42 fl. oz. (0.033 – 0.2 lb. ai/A)	0.066 – 0.4 lb. fl. oz. (0.033 – 0.2 lb. ai/A)	Apply as a broadcast treatment. Use higher volumes up to 10 gallons of carrier per 1,000 sq. ft. to get uniform coverage when treating dense grass foliage.
Annual bluegrass weevil (hyperodes) (adult) ² Banks grass mite ⁶ Billbugs (adult) ³ Black turfgrass ataeenius (adult) ⁴ Crickets Earwigs Fleas (adult) Grasshoppers Mealybugs	4.35 – 17.42 fl. oz. (0.05 – 0.2 lb. ai/A)	0.1 – 0.4 fl. oz. (0.05 – 0.2 lb. ai/A)	Irrigation to treated area within a few hours following application can improve efficacy to sub-surface pests including mole crickets. The application rates listed in the following table will provide excellent control of the respective pests under typical conditions. However, at the discretion of the applicator, AG37709 BH 1.5SC Insecticide may be applied at up to 0.4 f. oz. (0.2 lb. ai) per 1,000 sq. ft. to control each of the pests listed in this table. The higher labeled application rates should be used when maximum residual control is desired or heavy pest populations occur.
Ants excluding harvester and carpenter ants Chinch bugs ⁵ Fleas (larvae) ⁷ Imported fire ants ⁸ Japanese beetle (adult) Mole cricket (adult) ⁹ Mole cricket (nymph) ¹⁰ Ticks ¹¹	8.7 – 17.42 fl. oz. (0.1 – 0.2 lb. ai/A)	0.2 – 0.4 fl. oz. (0.1 – 0.2 lb. ai/A)	

¹**Armyworms, Cutworms and Sod Webworms:** To ensure optimum control, delay watering (irrigation) or mowing for 24 hours after application. If the grass area is being maintained at a mowing height of greater than 1 inch, then higher application rates (up to 0.4 fl. oz. (0.2 lb. ai/acre) per 1,000 sq. ft.) may be required during periods of high pest pressure.

²**Annual Bluegrass Weevil (*Hyperodes*) adults:** Time applications to control adult weevils as they leave their overwintering sites and move into grass areas. This movement normally begins when *Forsythia* is in full bloom and concludes when flowering dogwood (*Cornus florida*) is in full bloom. Consult your State Cooperative Extension Service for more specific information regarding application timing.

³**Billbug adults:** Apply when adult billbugs are first observed during April and May. Degree day models have been developed to optimize application timing. Consult your State Cooperative Extension Service for information specific to your region. In temperate regions, spring applications targeting billbug adults will also provide control of over-wintered chinch bugs.

⁴**Black Turfgrass Ataeenius adults:** Apply during May and July to control the first and second generation of black turfgrass ataeenius adults, respectively. Time the May application to coincide with the full bloom stage of Vanhoutte spiraea (*Spiraea vanhouttei*) and horse chestnut (*Aesculus hippocastanum*). Time the July application to coincide with the blooming of Rose of Sharon (*Hibiscus syriacus*).

⁵**Chinch Bugs:** Chinch Bugs infest the base of grass plants and are often found in the thatch layer. Irrigation of the grass area before treatment will optimize the penetration of the insecticide to the area where the chinch bugs are located. Use higher volume applications if the thatch layer is excessive or if a relatively long mowing height is being maintained.
Chinch Bugs can be one of the most difficult pests to control in grasses and the higher application rates (up to 0.4 oz. (0.2 lb. ai/acre) per 1,000 sq. ft.) may be required to control populations that contain both nymphs and adults during the middle of the summer.

⁶**Non-biting Mites:** To ensure optimal control of eriophyid mites, apply in combination with the labeled

application rate of a surfactant. A second application, five to seven days after the first, may be necessary to achieve acceptable control.

⁷**Flea larvae:** Flea larvae develop in the soil of shaded areas that are accessible to pets or other animals. Use a higher volume application when treating these areas to ensure penetration of the insecticide into the soil. Note: if the lawn area is being treated with this product at 0.1 oz. (0.05 lb. ai/acre) per 1,000 sq. ft. for adult flea control, then the larval application rate may be achieved by increasing the application volume two- to four-fold.

⁸**Imported Fire Ants:** Control will be optimized by combining broadcast applications that will control foraging workers and newly mated fly-in queens with mound drenches that will control existing colonies. If the soil is not moist, then it is important to irrigate before application or use a high volume application. Apply broadcast treatments at 0.4 oz. (0.2 lb. ai/acre) per 1,000 sq. ft.. Treat mounds by diluting 0.05 oz. (0.025 lb. ai/acre) of AG37709 BH 1.5SC Insecticide per gallon of water and applying 1 to 2 gallons of finished spray per mound. Treat the mounds with sufficient force to break their apex and allow the insecticide solution to flow into the ant tunnels. Treat a four foot diameter circle around the mound. For best results, apply in cool weather (65 - 80°F) or in early morning or late evening hours.

⁹**Mole Cricket adults:** Achieving acceptable control of adult mole crickets is difficult because preferred grass areas are subject to continuous invasion during the early spring by this extremely active stage. Apply as late in the day as possible and watered in with up to 0.5 inches of water immediately after treatment. If the soil is not moist, then it is important to irrigate before application to bring the mole crickets closer to the soil surface where contact with the insecticide will be maximized. Treat grass areas that receive pressure from adult mole crickets at peak egg hatch to ensure optimum control of subsequent nymph populations (see below).

¹⁰**Mole Cricket nymphs:** Immediately treat grass areas that received intense adult mole cricket pressure in the spring prior to peak egg hatch. Optimal control is achieved at this time because young nymphs are more susceptible to insecticides and they are located near the soil surface where the insecticide is most concentrated. Control of larger, more damaging, nymphs later in the year may require both higher labeled application rates and more frequent applications to maintain acceptable control. Apply as late in the day as possible and water in with up to 0.5 inches of water immediately after treatment. If the soil is not moist, then it is important to irrigate before application to bring the mole crickets closer to the soil surface where contact with the insecticide will be maximized.

¹¹**Ticks (Including ticks that may transmit Lyme Disease and Rocky Mountain Spotted fever): DO NOT** make spot applications. Treat the entire area where exposure to ticks may occur. Use higher spray volumes as possible, while following the application restrictions on this label when treating areas with dense ground cover or heavy leaf litter. Ticks may be reintroduced from surrounding areas on host animals. Retreatment may be necessary to achieve and/or maintain control during periods of high pest pressure. Repeat application is necessary only if there are signs of renewed activity. Repeat application must be limited to no more than once per seven days.

Deer ticks (*Ixodes sp.*) have a complicated life cycle that ranges over a two year period and involves four life stages. Apply in the late fall and/or early spring to control adult ticks that are usually located on brush or grass above the soil surface and in mid to late spring to control larvae and nymphs that reside in the soil and leaf litter.

American dog ticks may be a considerable nuisance in suburban settings, particularly where homes are built on land that was previously field or forest. These ticks commonly congregate along paths or roadways where humans are likely to be encountered. Apply as necessary from mid-spring to early fall to control American dog tick larvae, nymphs and adults.

RESTRICTIONS

- **DO NOT** apply more than 17.42 fl. oz. (0.2 lb. ai)/A per application.
- **DO NOT** make more than 2 applications per year.
- **DO NOT** apply more than 34.84 fl. oz. (0.4 lb. ai) per acre per year as a foliar application.
- **DO NOT** make applications less than 14 days apart.
- In New York State, this product may NOT be applied to any turf within 100 feet of a coastal marsh or water body (lake, pond, river, stream, wetland, or drainage ditch).
- In New York State, do make a single repeat application of this product if there are signs of renewed insect activity, but not sooner than two weeks after the first application.
- **DO NOT** use this product on Sod Farms in Nassau County or Suffolk County, New York.

SOYBEANS[*]

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Rootworm (larvae)	6.8 – 8.5 fl. oz. (0.08 - 0.1 lb. ai/A)	0.39 - 0.49 fl. oz.	Apply as a 5 to 7 inch band over the row on the soil surface, a 5 to 7 inch band over the open furrow (T-band), or in-furrow with the seed.
Army cutworm Armyworm spp. Bean leaf beetle (larvae) Cutworm spp. Grape colaspis Grubs Root maggot Seed corn beetle Seedcorn maggot True armyworm Wireworm	3.4 – 6.8 fl. oz. (0.04 - 0.08 lb. ai/A)	0.2 - 0.39 fl. oz.	Apply broadcast to the soil surface for control of army cutworm, cutworm spp., true armyworm, armyworm spp., or bulb mites.

* Based on 30 inch row spacings

RESTRICTIONS

- DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.
- DO NOT** apply more than 1 at-plant application per year.
- DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Armyworm spp. Black cutworm	PRE 3.4 fl. oz. (0.04 lb. ai/A)	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides.
Armyworm spp. Black cutworm Bean leaf beetle (larvae) Seed corn beetle Seedcorn maggot Stalkborer White grub Wireworm	PPI 4 – 5.3 fl. oz. (0.047 – 0.062 lb. ai/A)	PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides, insecticides and fungicides where allowed. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth. Incorporate close to the intended planting depth.

RESTRICTIONS

- DO NOT** apply more than 3.4 fl. oz. (0.04 lb. ai)/A per PRE application.
- DO NOT** apply more than 5.3 fl. oz. (0.062 lb. ai)/A per PPI application.
- DO NOT** make more than 1 PRE or PPI application per year.
- DO NOT** apply more than 3.4 fl. oz. (0.04 lb. ai) per acre per year as a PRE application.
- DO NOT** apply more than 5.3 fl. oz. (0.062 lb. ai) per acre per year as a PPI application.

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Alfalfa caterpillar Aphids Armyworms ¹ Bean leaf beetle Blister beetle spp. Corn earworm Corn rootworm (adult) Cowpea curculio Cucumber beetles (adults) Cutworms Dectes stem borer European corn borer False cinch bug Flea beetle Grasshoppers Green cloverworm Hornworms Imported cabbageworm Japanese beetle (adult) Leaf skeletonizer spp. Leafhoppers Leafminers (adults) Lesser cornstalk borer Loopers Kudzu bug Mexican bean beetle Painted lady (thistle) caterpillar Pea leaf weevil Saltmarsh caterpillar Seedcorn maggot (adult) Silverspotted skipper Spittlebug Stink bug Three cornered alfalfa hopper Thrips Tobacco budworm ¹ Velvetbean caterpillar Webworm Woollybear caterpillar	2.8 – 8.5 fl. oz. (0.033 – 0.1 lb. ai/A)	Apply in a minimum of 2 gallons finished spray per acre by air or in a minimum of 10 gallons of finished spray per acre with ground equipment. Thorough coverage is essential to achieve control. ¹ Armyworms & tobacco budworm: Please consult your local or state agricultural authority to determine if pyrethroid resistance is present in armyworm, or tobacco budworm populations in your area. If so refer to the resistance management section of this label.
Lygus spp. Whitefly Twospotted spider mite	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	
RESTRICTIONS <ul style="list-style-type: none">• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.• DO NOT make more than 3 applications per year.• DO NOT apply more than 25.5 fl. oz. (0.3 lb. ai) per acre per year as foliar applications.• DO NOT make applications less than 30 days apart.• DO NOT apply within 18 days of harvest.		

[*] Not for Use in California]

Soybean Restrictions:

- **DO NOT** apply more than 0.3 lb. ai/A per year including At-Plant, PRE & PPI, and Foliar applications of this and other bifenthrin products.

SPINACH

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Rootworm (larvae) Garden symphylans	6.8 – 8.5 fl. oz.	0.39 - 0.49 fl. oz.	Apply as a 5 to 7 inch band over the row on the soil surface, a 5 to 7 inch band over the open furrow (T-band), or in-furrow with the seed.
	(0.08 - 0.1 lb. ai/A)		
Army cutworm Armyworm spp. Cutworm spp. Grubs Root maggot Seedcorn maggot True armyworm Wireworm	3.4 – 6.8 fl. oz.	0.2 - 0.39 fl. oz.	Apply broadcast to the soil surface for control of Army cutworm, Cutworm spp., True armyworm, armyworm spp., or bulb mites.
	(0.04 - 0.08 lb. ai/A)		
* Based on 30 inch row spacings			
RESTRICTIONS			
<ul style="list-style-type: none">• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.• DO NOT apply more than 1 at-plant application per year.• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application			

PPI

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Garden symphylans Seedcorn maggot Wireworm	3.4 – 6.8 fl. oz. (0.04 – 0.08 lb. ai/A)	PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting depth.
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai)/A per application . • DO NOT apply more than 1 PPI application per year. • DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai) per acre per year as a PPI application 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Armyworms Colorado Potato Beetle Corn earworm Cucumber Beetles Cutworms	2.8 – 8.5 fl. oz. (0.033 – 0.1 lb. ai/A)	For control of whiteflies, apply foliar treatments of AG37709 BH 1.5SC Insecticide by ground or air at rates of up to 0.1 lb. active per acre at minimum 7 day intervals up to a maximum of 4 applications..

European Corn Borer Flea Beetles Leafminers Loopers Pepper Weevil Tomato Hornworm Tomato Pinworm Thrips Whitefly		For control of fire ants apply AG37709 BH 1.5SC Insecticide to the soil (at planting) or as a foliar treatment by ground or air at rates of up to 0.1 lb. active per acre at minimum 7 day intervals up to a maximum of 4 applications. Apply the specified dosage in 5-50 gallons of finished spray per acre by air or 10-50 gallons finished spray per acre by ground.
Banks grass mite Broad mite Carmine mite Fire ants Lygus spp. Pacific spider mite Twospotted spider mite	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. • DO NOT make more than 4 applications per year. • DO NOT apply more than 34.0 fl. oz. (0.4 lb. ai) per acre per year as foliar applications. • DO NOT make applications less than 7 days apart. • DO NOT apply within 40 days of harvest. 		

Spinach Restrictions:

- **DO NOT** apply more than 0.4 lb. ai/A per year including At-Plant, PRE & PPI, and Foliar applications of this and other bifenthrin products.

STRAWBERRIES[*]

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aster Leafhopper Flea Beetle Grasshoppers Leafhoppers	3.4 – 17.0 fl. oz. (0.04 – 0.2 lb. ai/A)	Apply AG37709 BH 1.5SC Insecticide in 50 or more gallons of spray per acre by ground equipment, or 5 or more gallons of spray per acre by aircraft to achieve thorough coverage. Repeat as necessary at 7 – 14 day intervals if pest population reaches damaging thresholds
Aphids Armyworms Corn earworm Cucumber beetles Cutworms European corn borer Flea beetles Japanese beetle (adult) Leafminers Loopers Stink bugs Thrips Whitefly	4.3 – 17.0 fl. oz. (0.05 – 0.2 lb. ai/A)	Apply in a minimum of 2 gallons finished spray per acre by air or in a minimum of 10 gallons of finished spray per acre with ground equipment. Thorough coverage is essential to achieve control. When applying by air 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control
Banks grass mite Carmine mite Lygus Spp. Twospotted spider mite	8.5 – 17.0 fl. oz. (0.1 – 0.2 lb. ai/A)	

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.
- **DO NOT** make more than 2 applications per year.
- **DO NOT** apply more than 17.0 fl. oz. (0.2 lb. ai) per acre per year as foliar applications.
- **DO NOT** make applications less than 7 days apart.
- Aerial application is prohibited in Florida
- **[California:** Any harvesters or other personnel who are in treated fields within five days of application and who are performing tasks with all-day foliage contact must wear a long-sleeved shirt, long pants, and shoes plus socks. For strawberry fields treated with 0.1 lb. ai/A or more harvesters must wear gloves while performing tasks in treated fields within 5 days of application.]
- No pre-harvest interval required.

[*] Not for Use in California]

Strawberries Restrictions:

- **DO NOT** apply more than 0.5 lb. ai per acre per year including at-plant, PRE, PPI and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

SUCCULENT PEAS AND BEANS (Crop Subgroups 6A and 6B)

Includes: Pea (*Pisum* spp.): Dwarf pea, Edible-pod pea, English pea, Garden pea, green pea, Snow pea, Sugar snap pea, Pigeon pea; Bean (*Phaseolus* spp.): Broadbean (succulent), Lima bean (green), Runner bean, Snap bean, Wax bean; Bean, *Vigna* spp.): Asparagus bean, Blackeyed pea, Chinese longbean, Cowpea, Moth bean, Southern pea, Yardlong bean, Jackbean, Soybean (immature seed), Sword bean, purple hulled pea

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Rootworm (larvae)	6.8 – 8.5 fl. oz. (0.08 - 0.1 lb. ai/A)	0.39 - 0.49 fl. oz.	Apply as a 5 to 7 inch band over the row on the soil surface, a 5 to 7 inch band over the open furrow (T-band), or in-furrow with the seed.
Army cutworm Armyworm spp. Cutworm spp. Grape colaspis Grubs Root maggot Seedcorn maggot True armyworm Wireworm	3.4 – 6.8 fl. oz. (0.04 - 0.08 lb. ai/A)	0.2 - 0.39 fl. oz.	Apply broadcast to the soil surface for control of army cutworm, cutworm spp., true armyworm, or armyworm spp..

* Based on 30 inch row spacings

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.
- **DO NOT** apply more than 1 at-plant application per year.
- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Army cutworm Armyworm spp. Cutworm spp. Grape colaspis Grubs Root maggot True armyworm Wireworm (PPI only)	6.8- 8.5 fl. oz. (0.08 - 0.1 lb. ai/A)	<p>PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides. Post Plant Soil Applied: Apply through drip or drip tape. Apply when soil is moist towards the end of the irrigation run.</p> <p>PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and no deeper than 3 inches. Incorporate close to the intended seed planting depth. Apply in a minimum of 10 gallons of finished spray per acre. Post Plant Soil Applied: Apply through drip or drip tape. Apply when soil is moist towards the end of the irrigation run.</p>
RESTRICTIONS <ul style="list-style-type: none"> DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application . DO NOT apply more than 1 PRE or PPI application per year. DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as a PRE or PPI. 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aster leafhopper Flea beetle Leafhoppers	2.1 – 8.5 fl. oz. (0.025 – 0.1 lb. ai/A)	Apply in a minimum of 2 gallons finished spray per acre by air or in a minimum of 10 gallons of finished spray per acre with ground equipment. Thorough coverage is essential to achieve control.
Adult Sap Beetle Alfalfa Caterpillar Aphids Armyworm, Beet Armyworm, Fall Armyworm, Southern Armyworm, Yellowstriped Bean Leaf Beetle Cloverworm Corn earworm Corn Rootworm Adult Cucumber Beetle Cutworms European Corn Borer Grasshoppers Japanese Beetle Loopers Pea Leaf Weevil Pea Weevil Plant Bug Stink Bugs Tarnished Plant Bug Thrips Webworms Western Bean Cutworm	2.8 – 8.5 fl. oz. (0.033 – 0.1 lb. ai/A)	<p>When applying by air 1 to 2 quarts of emulsified oil may be substituted for 1 to 2 quarts of water in the finished spray. Thorough coverage is essential to achieve control.</p> <p>Make application at the onset of infestation reaching locally determined economic threshold.</p>

Whitefly	
Banks grass mite Carmine mite Lygus spp. Twospotted spider mite	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. • DO NOT make more than 2 applications per year. • DO NOT apply more than 17.0 fl. oz. (0.2 lb. ai) per acre per year as foliar applications. • DO NOT make applications less than 3 days apart. • DO NOT apply within 3 days of harvest. 	

Foliar

Succulent Peas and Beans (Crop Subgroups 6A and 6B) Restrictions:

- **DO NOT** apply more than 0.2 lb. ai/A per year including At-Plant, PRE & PPI, and Foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

TOBACCO

PRE-TRANSPLANT and AT-TRANSPLANT

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Armyworm spp. Cutworm spp. Flea beetle (larvae) Mole cricket Stalkborer White grub spp. Wireworm	3.4 – 8.5 fl. oz. (0.04 - 0.1 lb. ai/A)	0.2 - 0.49 fl. oz.	Pre-transplant soil applications: Use of suitable equipment to incorporate into top 4" of the soil is required to control below ground pests. At-transplant water treatment application: Apply 0.0625 to 0.1 pound ai/A in a water treatment application volume of 10 to 200 gal/A. May be tank mixed with clomazone and sulfentrazone, and other herbicides approved for tobacco use.

* Based on 30 inch row spacings

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application .
- **DO NOT** apply for more than 1 pre-transplant or at-transplant application per year.
- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai) per acre per year as an at-plant application.
- **DO NOT** apply later than layby.

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
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Aphid spp.* Armyworm spp. Chinch Bugs Cutworm spp. Flea Beetle (adults) Grasshoppers Green Bugs Japanese Beetles Stink Bugs Thrips Whiteflies Tarnished plant bugs	3.4 – 8.5 fl. oz. (0.04 – 0.1 lb. ai/A)	Apply 0.04 to 0.10 lb. ai/A per foliar application up to, and including, layby in a minimum of 10 gallons of finished spray per acre. May be tank mixed with clomazone and sulfentrazone, and other herbicides approved for tobacco use. *See Resistance Management statement under “Directions for Use” section.
Hornworm Tobacco Budworm	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	
Spider mite Lygus spp.	8.5 fl. oz. (0.1 lb. ai/A)	
RESTRICTIONS <ul style="list-style-type: none">• DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.• DO NOT make more than 2 applications per year.• DO NOT apply more than 17.0 fl. oz. (0.2 lb. ai) per acre per year as foliar applications.• DO NOT apply later than layby.		

Tobacco Restrictions:

- **DO NOT** apply more than 0.2 lb. ai/A per year including at-plant, PRE, PPI and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

TOMATOES, TOMATILLOS, & GROUNDCHERRIES

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 LINEAR FOOT*	APPLICATION INSTRUCTIONS
Army cutworm Armyworm spp. Cutworm spp. Flea beetle (larvae) Grubs Root aphid Root maggot Stalk borer True armyworm Wireworm	3.4 - 6.8 fl. oz. (0.04 - 0.08 lb. ai/A)	0.2 - 0.39 fl. oz.	Apply as a 5 to 7-inch band over the row on the soil surface, a 5 to 7-inch band over the open furrow (T-band), or in-furrow with the transplant or seed. May be applied through transplant water at time of transplanting. Apply broadcast to the soil surface for control of army cutworm, cutworm spp., true armyworm or armyworm spp.
* Based on 30 inch row spacings RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai)/A per application . • DO NOT apply more than 1 at-plant application per year. • DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai) per acre per year as an at-plant application. 			

PPI & PRE

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Army cutworm Armyworm spp. Cutworm spp. Flea beetle (larvae) Garden symphylans Grubs Root maggot Stalk borer True armyworm Wireworm	PRE 6.8 fl. oz. (0.08 lb. ai/A)	PRE: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PRE herbicides. Post Plant Soil Applied: Apply through drip or drip tape. Apply when soil is moist towards the end of the irrigation run.
	PPI 4.4 – 6.8 fl. oz. (0.04 – 0.08 lb. ai/A)	PPI: AG37709 BH 1.5SC Insecticide can be tank mixed and applied with PPI herbicides. Incorporate AG37709 BH 1.5SC Insecticide no deeper than the intended planting depth and close to the intended seed planting depth. Post Plant Soil Applied: Apply through drip or drip tape. Apply when soil is moist towards the end of the irrigation run.
RESTRICTIONS <ul style="list-style-type: none"> DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai)/A per application . DO NOT apply for more than 1 PRE or PPI application per year. DO NOT apply more than 6.8 fl. oz. (0.08 lb. ai) per acre per year as a PRE or PPI application 		

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Aphids Armyworms (including Beet) Armyworm, Fall Armyworm, Southern Bean Leaf Beetle Cabbageworm Carmin Mite Cloverworm Corn earworm Corn Rootworm Cucumber Beetles Cutworms Diamondback moth European Corn Borer Flea Beetles Flea Hopper Grasshopper Japanese Beetle (adult) Leafhoppers Loopers Lygus spp. Melonworm Pea Weevil Pea Leaf Weevil Pickleworm Plant Bug Rindworm	2.8 – 6.8 fl. oz. (0.033 – 0.08 lb. ai/A)	Thorough coverage is necessary to attain acceptable control. Make application at the onset of infestation reaching locally determined economic levels. Apply in water. Apply the specified dosage in 5 to 50 gallons of finished spray per acre by air or 10 to 50 gallons of finished spray per acre by ground. Thorough coverage is essential to achieve control.

Salt Marsh Caterpillar Sap Beetle Seedpod Weevil Squash Bugs Stink bug spp. Tobacco Budworm Tarnished Plant Bug Thrips Whitefly Yellowstriped armyworm		
Twospotted mite	6.8 – 8.5 fl. oz. (0.08 – 0.1 lb. ai/A)	
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application. • DO NOT make more than 4 applications per year. • DO NOT apply more than 34.0 fl. oz. (0.4 lb. ai) per acre per year as foliar applications. • DO NOT make applications less than 10 days apart. • DO NOT apply within 1 day of harvest. 		

Tomato, Tomatillo, and Groundcherry Restrictions:

- **DO NOT** apply more than 0.4 lb. ai/A per year including at-plant, PRE, PPI and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

TREE NUTS[*]

Including: African nut-tree; almond; beechnut; Brazil nut; Brazilian pine; bunya; bur oak; butternut; Cajou nut; candlenut; cashew; chestnut; chinquapin; coconut; coquito nut; dika nut; ginkgo; Guiana chestnut; hazelnut (filbert); heartnut; hickory nut; Japanese horse-chestnut; macadamia nut; mongongo nut; monkey-pot; monkey puzzle nut; Okari nut; Pachira nut; peach palm nut; pecan; pequi; Pili nut; pine nut; pistachio; Sapucaia nut; tropical almond; walnut, black; walnut, English; yellowhorn; cultivars, varieties, and/or hybrids of these

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Black pecan aphid Codling moth Filbert worm Hickory shuckworm Leaffooted bugs Navel orangeworm Oblique banded leafroller Peach twig borer Pecan leaf casebearer Pecan nut casebearer Pecan phylloxera Plant bugs Stink bugs Walnut aphid Yellow pecan aphid	4.3 – 17.1 fl. oz. (0.05 – 0.2 lb. ai/A)	Apply by ground or air equipment using sufficient water to obtain full coverage of foliage. Apply as a dilute (minimum of 200 gallons of finished spray per acre) or concentrate (minimum of 50 gallons of finished spray per acre) by ground or apply the specified amount in a minimum of 10 gallons of finished spray per acre by air

European red mite Pecan weevil spider mite spp.	6.8 – 17.1 fl. oz. (0.08 – 0.2 lb. ai/A)
Fire ants Walnut husk fly	6.8 – 17.1 fl. oz. (0.08 – 0.2 lb. ai/A)
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 17.1 fl. oz. (0.2 lb. ai)/A per application. • DO NOT make more than 3 applications at reduced rates per year. • DO NOT apply more than 42.75 fl. oz. (0.5 lb. ai) per acre per year as foliar applications. • DO NOT make applications less than 15 days apart. • DO NOT apply within 21 days of harvest for pecans and 7 days for all other registered tree nut crops. • DO NOT graze livestock in treated orchards or cut treated cover crops for feed. 	

[*] Not for Use in California]

Tree Nuts Restrictions:

- **DO NOT** apply more than 0.5 lb. active ingredient (1 quart) per acre per year including at-plant, PRE, PPI and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

TUBEROUS AND CORM VEGETABLES (Crop Subgroup 1C)

Including: Potato, Sweet potato, Arracacha, Arrowroot, Chinese artichoke, Jerusalem artichoke, Edible canna, Cassava (bitter and sweet), Chayote (root), Chufa, Dasheen (taro), Ginger, Leren, Tanier, Tumeric, Yam bean, True yam

At-Plant

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Grape colaspis Sweet potato flea beetle Rootworms White grub Wireworms	12.75 – 25.5 fl. oz. (0.15 – 0.3 lb. ai/A)	AG37709 BH 1.5SC Insecticide may be applied as a soil incorporated broadcast, directed bed spray or a T- band spray into the planting furrow for the control of wireworms, sweet potato flea beetle, and white grubs. Apply AG37709 BH 1.5SC Insecticide at the rate of 0.15 to 0.3 pounds active ingredient (12.75 to 25.5 fl. oz. formulated) per acre in a minimum of 10 gallons per acre of spray
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 25.5 fl. oz. (0.3 lb. ai)/A per application . • DO NOT apply more than 1 at-plant application per year. • DO NOT apply more than 25.5 fl. oz. (0.3 lb. ai) per acre per year as an at-plant application 		

Lay-By

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Grape colaspis Rootworms White grub Wireworms	12.75 – 25.5 fl. oz. (0.15 – 0.3 lb. ai/A)	AG37709 BH 1.5SC Insecticide may be applied as one or more soil directed and incorporated treatments at cultivation or layby for the control of wireworms and white grubs. Apply AG37709 BH 1.5SC Insecticide to the drill area and incorporate by cultivation equipment set to throw soil towards the drill area. Apply in a minimum of 10 gallons of finished spray per acre of spray.

RESTRICTIONS

- **DO NOT** apply more than 25.5 fl. oz. (0.3 lb. ai)/A per application .
- **DO NOT** apply more than 1 lay-by application per year.
- **DO NOT** apply more than 25.5 fl. oz. (0.3 lb. ai) per acre per year as a lay-by application

PPI

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Grape colaspis Rootworms White grub Wireworms	12.75 – 25.5 fl. oz. (0.15 – 0.3 lb. ai/A)	Apply AG37709 BH 1.5SC Insecticide to the transplant area and incorporate to planting depth. Apply AG37709 BH 1.5SC Insecticide in a minimum of 10 gallons of finished spray per acre. May be applied as a broadcast application or an incorporated band application

RESTRICTIONS

- **DO NOT** apply more than 25.5 fl. oz. (0.3 lb. ai)/A per application .
- **DO NOT** apply for more than 1 PPI application per year.
- **DO NOT** apply more than 25.5 fl. oz. (0.3 lb. ai) per acre per year as a PPI application

Foliar

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	APPLICATION INSTRUCTIONS
Banded cucumber beetle Black flea beetle Corn wireworm Cucumber beetle Japanese beetle grubs June beetle Rootworms Southern potato wireworm Sugarcane beetle Sweet potato flea beetle Sweet potato weevil Tobacco wireworm Whitefringed beetle White grub	2.8 – 8.5 fl. oz. (0.033 – 0.1 lb. ai/A)	Apply in a minimum of 3 gallons finished spray per acre by air or in a minimum of 10 gallons per acre with ground equipment. AG37709 BH 1.5SC Insecticide may be applied as a foliar spray for the control of the adult life stages of flea beetles, click beetles (wireworms), cucumber beetles (rootworms), white fringed beetles and May/June beetles (white grubs).

RESTRICTIONS

- **DO NOT** apply more than 8.5 fl. oz. (0.1 lb. ai)/A per application.
- **DO NOT** make more than 2 applications per year.
- **DO NOT** apply more than 17.0 fl. oz. (0.2 lb. ai) per acre per year as foliar applications
- **DO NOT** make applications less than 21 days apart.
- **DO NOT** apply within 21 days of harvest.

Tuberous and Corm Vegetables (Crop Subgroup 1C) Restrictions:

- **DO NOT** apply more than 0.5 lb. ai/A per year including soil, lay-by, at-plant, PPI and foliar applications of AG37709 BH 1.5SC Insecticide and other bifenthrin containing products.

ORNAMENTALS, TREES[*] AND TURF[*]

For use on ornamental flowers, foliage plants, non-bearing fruit and nut trees¹, shrubs and trees grown in container, bench, or bed grown ornamentals and trees in greenhouses² or outdoor nurseries², and for use on ornamentals grown for interiorscapes including hotels, shopping malls, office, public, industrial, commercial and institutional buildings., landscapes and outdoor landscaping in/around residential dwells, public, industrial, commercial and institutional buildings, recreational areas, parks, athletic fields, golf courses.

¹Non-bearing crops are perennial crops that will not produce a harvestable raw agricultural commodity withing 365 days of application.

²applications on these use sites are subject to the Worker Protection Standard, 40 CFR part 170, when applications are made to plants grown for non-exempt commercial or research purposes.

For use on turf grass in golf courses, home lawns, lawn areas around parks, institutional, public, commercial and industrial buildings, recreational areas and athletic fields.

AG37709 BH 1.5SC Insecticide may be applied mixed with water or other aqueous carriers such as liquid fertilizers. Test potential mixing partners, including adjuvants, for mixing compatibility using a standard jar test or other similar method and for crop safety prior to use on a crop.

Ornamental, Tress and Turf Use Restrictions

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

1. Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
4. Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;
5. Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level;
6. Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn, turf, mulch or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.
7. Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).

For soil or foliar applications;

DO NOT apply by ground equipment within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds. When treating tall trees (> 15 feet) from the ground with high pressure sprays or during any application with air assisted equipment (mist blower).

DO NOT apply within 150 feet of aquatic areas.

DO NOT spray the product into fish pools, ponds, streams, or lakes.

DO NOT apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.

DO NOT allow the product to enter any drain during or after application.

DO NOT apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.

DO NOT apply or irrigate to the point of runoff.

DO NOT make any applications during rain. Avoid making applications when rainfall is expected before the product has had sufficient time to dry (minimum 4 hours).

Rainfall within 24 hours after application may cause unintended runoff of pesticide application.

DO NOT apply when the wind speed is greater than 15 mph.

DO NOT apply by air. Apply with ground equipment only.

Treat surfaces to ensure thorough coverage but avoid runoff.

To treat insects harbored in voids and cracks-and-crevices, applications must be made in a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

Additional restriction for outdoor applications to commercial nurseries:

DO NOT apply when the wind speed is greater than 15 mph.

Applicators are required to select the nozzle and pressure that deliver a medium or coarser droplet size (ASABE S572).

In New York State, this product may not be applied to turf within 100 feet of a coastal marsh (or of a water body [lake, pond, river, stream, wetland, or drainage ditch).

Ornamental and Tress

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 SQUARE FEET	APPLICATION INSTRUCTIONS
Bagworms ¹ Cutworms Elm leaf beetles Fall webworms Gypsy moth Caterpillars Lace bugs Leaf feeding caterpillars Tent caterpillars Tussock moth	2.4 – 4.8 fl. oz. (0.028 - 0.056 lb. ai/A)	0.055- 0.11 fl. oz.	Following best local practice, apply as a broadcast treatment using the labeled rates in the table above. Use higher spray volumes (up to 10 gallons of carrier per 1,000 sq. ft.) to get uniform coverage. Labeled rates should be effective for all pests listed in above table. However, if pest populations are extremely high or maximum residual control is required, AG37709 BH 1.5SC Insecticide may be applied at a maximum of 0.44 fl. oz. (0.225 lb. ai/acre) per 1,000 sq. ft. or 19.2 fl. oz (0.225 lb. ai)/100 gallons per application. ¹ Bagworms: For best results, apply when larvae are beginning to hatch and spray larvae directly. Application is most effective when larvae are young. ² Beetles, Scale Crawlers, Twig Borers, and Weevils: May treat trunks, stems and twigs in addition to plant foliage. ³ Spider Mites: AG37709 BH 1.5SC Insecticide provides two-spotted spider mite control when applied in the spring to mid-summer. High application rates and/or more frequent application may be required for acceptable twospotted spider mite control during mid-to-late summer. The addition of a surfactant or horticultural oil may increase the effectiveness of this product. Combinations of this product with other miticides have also been known to be effective. This product may also be rotated with other products that have different modes of action in control programs designed to manage resistance. Consult your local Cooperative Extension Service for regional resistance management advise. This product is normally not phytotoxic to ornamentals and trees. Since some varieties grown under local climatic conditions may be sensitive to this product, test a small area of typical plants to ensure that no injury occurs.
Adelgids Ants (except pharaoh, fire, carpenter, or harvester ants) Aphids Bees (except Africanized honey bees) Beet armyworm Beetles ² Black vine weevil (adults) Broad mites Budworms Cicadas Citrus thrips Clover mites Crickets Earwigs European red mite Flea beetles Fungus gnats (adults) Glassywinged sharpshooter Grasshoppers Japanese beetle (adults) Leafhoppers Leafrollers Mealybugs Mites Nantucket pine tip moth Pillbugs Pine sawflies Plant bugs (including lygus spp.)	4.8 – 9.6 fl. oz. (0.056 - 0.112 lb. ai/A)	0.11 - 0.22 fl. oz.	

Psyllids scales (including brown soft Scales, California red scale (crawlers) ² , elongated hemlock scale, pine needle scales (crawlers) ² , San Jose scales (crawlers) ²) Spider mites ³ Spiders (except widow or recluse spiders) Spittlebugs Thrips Tip moths Treehoppers Twig Borers ² Weevils ² (white pine, weevil pales, weevil diaprepes (adults), orchid weevil White flies Zimmerman Pine moths		
Leafminers Pecan leaf scorch mite Pine shoot beetle (adults) Spider mites ³	9.6 – 19.2 fl. oz. 0.22 – 0.44 fl. oz. (0.112– 0.225 lb. ai/A)	
RESTRICTIONS <ul style="list-style-type: none"> • DO NOT apply more than 19.2 fl. oz. (0.225 lb. ai)/A per application. • DO NOT make more than 2 applications at reduces rates. • DO NOT apply more than 34.1 fl. oz. (0.4 lb. ai) per acre per year as foliar applications. • DO NOT make applications less than 3 days apart. 		

Topical Drench of Potting Media for Containerized Plants

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE / 100 GALLONS	APPLICATION INSTRUCTIONS
Black vine weevil (larvae) ¹ <i>Diaprepes</i> weevil (larvae) Fungus gnat (larvae) (curative)	4.3 – 17.0 fl. oz. (0.05 – 0.2. lb. ai)	Mix the specified volume at a rate of AG37709 LB SC Insecticide per 100 gallons of water or liquid fertilizer. For preventative control of black vine weevil larvae, white grubs, or fungus gnat larvae: Apply the drench at a rate of 4 to 8 fl. oz. of drench solution per 6" diameter container. Use proportional volumes of diluted drench solution for containers of different diameters.
Fungus gnat (larvae) (preventative)	8.5 – 17.0 fl. oz. (0.1 – 0.2. lb. ai)	For curative control of black vine weevil larvae, diaprepes weevil larvae, or fungus gnat larvae: Apply the drench at a rate of 8 to 16 fl. oz. of drench solution per 6" diameter container. Use proportional volumes of diluted drench solution for containers of different diameters.
White grubs (including Japanese beetle, oriental beetle & European chafer)	17.0 – 34.1 fl. oz. (0.2 – 0.4 lb. ai)	The media should be treated to the point of saturation which normally requires approximately 1/5th the volume of the container. Use higher labeled application rates of AG37709 LB SC Insecticide for longer periods of control.

		Black Vine Weevil: 4.3 fl. oz (0.05 lb. ai) per 100 gallons drench will provide preventative larval control for 1 growing season when applied during the spring. 8.5 to 17.0 fl. oz (0.1 – 0.2 lb. ai) per 100 gallons drench will provide preventative larval control for 2 growing seasons when applied during the spring.
RESTRICTIONS <ul style="list-style-type: none"> DO NOT apply more than 34.1 fl. oz. (0.4 lb. ai)/A per application. DO NOT make more than 1 applications at reduced rates. DO NOT apply more than 34.1 fl. oz. (0.4 lb. ai) per acre per year as topical drench application. 		

Potting Media Incorporation for Containerized Plants

PESTS CONTROLLED	USE RATE			
	fl. oz. AG37709 LB SC Insecticide/ cu. yd. (ppm ai/cu. yd.)			
Black vine weevil White grubs (including Japanese beetle, oriental beetle & European chafer)	0.18 - 2.16 (10 - 25)			
Potting Media Bulk Density (lbs. per cubic yard)	fl. oz. of AG37709 LB SC Insecticide in 1 cubic yard of media			
	10 PPM	15 PPM	20 PPM	25 PPM
200	0.18	0.26	0.34	0.43
300	0.26	0.39	0.52	0.64
400	0.34	0.52	0.69	0.87
500	0.43	0.64	0.87	1.08
600	0.52	0.77	1.03	1.29
700	0.60	0.90	1.21	1.51
800	0.69	1.03	1.38	1.72
900	0.77	1.16	1.55	1.95
1,000	0.87	1.29	1.72	2.16

APPLICATION INSTRUCTIONS

Determine the desired volume AG37709 BH 1.5SC Insecticide from the potting media bulk density conversion table above. Use proportional volumes AG37709 BH 1.5SC Insecticide for potting media with dry bulk densities that are not listed in the above table.

Use the higher labeled application rates for longer periods of control.

Dilute the desired volume of AG37709 BH 1.5SC Insecticide in approximately 1 quart to 1 gallon of water or liquid fertilizer per cubic yard of potting media to be treated.

Sprinkle or spray the final dilution volume onto the potting media while mixing the media.

Bare Root Treatment

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE / 100 GALLONS	APPLICATION INSTRUCTIONS
Root weevil (larvae)	57.2 fl. oz. (0.67 lb. ai)	Dilute AG37709 BH 1.5SC Insecticide at a rate of 57.2 fl. oz (0.67 lb. ai) per 100 gallons and treat bare roots of plants to be transplanted by dipping the roots into the solution for 10 seconds, or by spraying the solution onto the roots prior to transplanting.

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[*] Not for Use in California]

TURF[*]

PESTS CONTROLLED	RATE AG37709 BH 1.5SC INSECTICIDE /ACRE	RATE AG37709 BH 1.5SC INSECTICIDE PER 1,000 SQ. FT.	APPLICATION INSTRUCTIONS
Armyworms ¹ Cutworms ¹ Sod Webworm ¹	2.8 – 17.0 fl. oz. (0.033 – 0.2 lb. ai/)	0.065 – 0.4 fl. oz. (0.0008 – 0.0046 lb. ai)	Apply as a broadcast treatment. Use higher volumes up to 10 gallons of carrier per 1,000 sq. ft. to get uniform coverage when treating dense grass foliage.
Annual bluegrass weevil (hyperodes) (adult) ² Banks grass mite ⁶ Billbugs (adult) ³ Black turfgrass ataenius (adult) ⁴ Crickets Earwigs Fleas (adult) Grasshoppers Mealybugs	4.3 – 17.0 fl. oz. (0.05 – 0.2 lb. ai)	0.1 – 0.4 fl. oz. (0.0012 – 0.0046 lb. ai)	Irrigation to treated area within a few hours following application can improve efficacy to sub-surface pests including mole crickets. The application rates listed in the following table will provide excellent control of the respective pests under typical conditions. However, at the discretion of the applicator, AG37709 BH 1.5SC Insecticide may be applied at up to 0.4 f. oz. (0.2 lb. ai) per 1,000 sq. ft. to control each of the pests listed in this table. The higher labeled application rates should be used when maximum residual control is desired or heavy pest populations occur.
Ants Chinch bugs ⁵ Fleas (larvae) ⁷ Imported fire ants ⁸ Japanese beetle (adult) Mole cricket (adult) ⁹ Mole cricket (nymph) ¹⁰ Ticks ¹¹	8.7 – 17.0 fl. oz. (0.1 – 0.2 lb. ai)	0.2 – 0.4 fl. oz. (0.0023 – 0.0046 lb. ai)	

¹**Armyworms, Cutworms and Sod Webworms:** To ensure optimum control, delay watering (irrigation) or mowing for 24 hours after application. If the grass area is being maintained at a mowing height of greater than 1 inch, then higher application rates (up to 0.4 fl. oz. (0.2 lb. ai/acre) per 1,000 sq. ft.) may be required during periods of high pest pressure.

²**Annual Bluegrass Weevil (*Hyperodes*) adults:** Time applications to control adult weevils as they leave their overwintering sites and move into grass areas. This movement normally begins when *Forsythia* is in full bloom and concludes when flowering dogwood (*Cornus florida*) is in full bloom. Consult your State Cooperative Extension Service for more specific information regarding application timing.

³**Billbug adults:** Apply when adult billbugs are first observed during April and May. Degree day models have been developed to optimize application timing. Consult your State Cooperative Extension Service for information specific to your region. In temperate regions, spring applications targeting billbug adults will also provide control of over-wintered chinch bugs.

⁴**Black Turfgrass Ataenius adults:** Apply during May and July to control the first and second generation of black turfgrass ataenius adults, respectively. Time the May application to coincide with the full bloom stage of Vanhoutte spiraea (*Spiraea vanhouttei*) and horse chestnut (*Aesculus hippocastanum*). Time the July application to coincide with the blooming of Rose of Sharon (*Hibiscus syriacus*).

⁵**Chinch Bugs:** Chinch Bugs infest the base of grass plants and are often found in the thatch layer. Irrigation of

the grass area before treatment will optimize the penetration of the insecticide to the area where the chinch bugs are located. Use higher volume applications if the thatch layer is excessive or if a relatively long mowing height is being maintained.

Chinch Bugs can be one of the most difficult pests to control in grasses and the higher application rates (up to 0.4 oz. (0.2 lb. ai/acre) per 1,000 sq. ft.) may be required to control populations that contain both nymphs and adults during the middle of the summer.

⁶**Non-biting Mites:** To ensure optimal control of eriophyid mites, apply in combination with the labeled application rate of a surfactant. A second application, five to seven days after the first, may be necessary to achieve acceptable control.

⁷**Flea larvae:** Flea larvae develop in the soil of shaded areas that are accessible to pets or other animals. Use a higher volume application when treating these areas to ensure penetration of the insecticide into the soil. Note: if the lawn area is being treated with this product at 0.1 oz. (0.05 lb. ai/acre) per 1,000 sq. ft. for adult flea control, then the larval application rate may be achieved by increasing the application volume two- to four-fold.

⁸**Imported Fire Ants:** Control will be optimized by combining broadcast applications that will control foraging workers and newly mated fly-in queens with mound drenches that will control existing colonies. If the soil is not moist, then it is important to irrigate before application or use a high volume application. Apply broadcast treatments at 0.4 oz. (0.2 lb. ai/acre) per 1,000 sq. ft.. Treat mounds by diluting 0.05 oz (0.025 lb. ai/acre) of AG37709 BH 1.5SC Insecticide per gallon of water and applying 1 to 2 gallons of finished spray per mound. Treat the mounds with sufficient force to break their apex and allow the insecticide solution to flow into the ant tunnels. Also treat a four foot diameter circle around the mound. For best results, apply in cool weather (65 - 80°F) or in early morning or late evening hours.

⁹**Mole Cricket adults:** Achieving acceptable control of adult mole crickets is difficult because preferred grass areas are subject to continuous invasion during the early spring by this extremely active stage. Apply as late in the day as possible and water in with up to 0.5 inches of water immediately after treatment. If the soil is not moist, then it is important to irrigate before application to bring the mole crickets closer to the soil surface where contact with the insecticide will be maximized. Treat grass areas that receive pressure from adult mole crickets at peak egg hatch to ensure optimum control of subsequent nymph populations (see below).

¹⁰**Mole Cricket nymphs:** Immediately treat grass areas that received intense adult mole cricket pressure in the spring prior to peak egg hatch. Optimal control is achieved at this time because young nymphs are more susceptible to insecticides and they are located near the soil surface where the insecticide is most concentrated. Control of larger, more damaging, nymphs later in the year may require both higher labeled application rates and more frequent applications to maintain acceptable control. Apply as late in the day as possible and water in with up to 0.5 inches of water immediately after treatment. If the soil is not moist, then it is important to irrigate before application to bring the mole crickets closer to the soil surface where contact with the insecticide will be maximized.

¹¹**Ticks (Including ticks that may transmit Lyme Disease and Rocky Mountain Spotted fever): DO NOT** make spot applications. Treat the entire area where exposure to ticks may occur. Use higher spray volumes as possible, while following the application restrictions on this label when treating areas with dense ground cover or heavy leaf litter. Ticks may be reintroduced from surrounding areas on host animals. Retreatment may be necessary to achieve and/or maintain control during periods of high pest pressure. Repeat application is necessary only if there are signs of renewed activity. Repeat application must be limited to no more than once per seven days.

Deer ticks (*Ixodes sp.*) have a complicated life cycle that ranges over a two year period and involves four life stages. Apply in the late fall and/or early spring to control adult ticks that are usually located on brush or grass above the soil surface and in mid to late spring to control larvae and nymphs that reside in the soil and leaf litter.

American dog ticks may be a considerable nuisance in suburban settings, particularly where homes are built on land that was previously field or forest. These ticks commonly congregate along paths or roadways where humans are likely to be encountered. Apply as necessary from mid-spring to early fall to control American dog tick larvae, nymphs and adults.

[*] Not for Use in California]

RESTRICTIONS

- **DO NOT** apply more than 17.42 fl. oz. (0.2 lb. ai)/A per application.
- **DO NOT** make more than 2 applications.
- **DO NOT** apply more than 34.84 fl. oz. (0.4 lb. ai) per acre per year as a foliar application.
- **DO NOT** make applications less than 14 days apart.
- **DO NOT** use this product on golf courses in Nassau County or Suffolk County, New York.
- In New York State, this product may NOT be applied to any turf within 100 feet of a coastal marsh or water body (lake, pond, river, stream, wetland, or drainage ditch).
- In New York State, do make a single repeat application of this product if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

STORAGE AND DISPOSAL

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

Pesticide Storage

If storing this product below freezing, user should shake or roll the container to ensure proper product consistency.

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. **DO NOT** put concentrate or dilute material into food or drink containers. **DO NOT** contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Container Handling

Plastic Container: Non-refillable container (in sizes 5 gallons or less) - DO NOT reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds, pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. **DO NOT** cut or weld metal containers.

Plastic Container: Non-refillable container (in sizes greater than 5 gallons) - DO NOT reuse or refill this container. Triple rinse or pressure rinse. 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 back and forth several times. Turn the container over onto its other end and tip back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available, or reconditioning, or puncture and dispose of on a sanitary landfill, or by other procedures approved by State and local authorities. **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 reconditioning, or puncture and dispose of on a sanitary landfill, or by other procedures approved by State and local authorities.

Returnable/Refillable Containers: 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 into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

Batch/Lot Code: _____

WARRANTY DISCLAIMER AND NOTICE

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Aceto Life Sciences, L.L.C., d/b/a Actylis. To the extent consistent with applicable law all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, ACETO LIFE SCIENCES, L.L.C. D/B/A ACTYLIS MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Aceto Life Sciences, L.L.C., d/b/a Actylis is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, ACETO LIFE SCIENCES, L.L.C., D/B/A ACTYLIS DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT ACETO LIFE SCIENCES, L.L.C., D/B/A ACTYLIS'S ELECTION, THE REPLACEMENT OF PRODUCT.

[Alternate Brand Name: Squadron™ LFC]

[Option marketing and non-FIFRA label statements]

[All trademarks are the property of their respective owners.]

[Active ingredient made [in] [Country] , [formulated] [in Country] [and] [package] [in Country].]

[Liquid fertilizer compatible.]

[Shake Well Before Using]

[Using {XXXX} delivery technology]

[*Not for Use in [State]]

[Peel Down for Directions]

[Box/Carton label]

BIFENTHRIN	GROUP	3A	INSECTICIDE
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AG37709 BH 1.5SC Insecticide

ACTIVE INGREDIENT:

Bifenthrin* (2 methyl [1,1-biphenyl] 3-yl), methyl 3 (2-chloro, 3,3,3-trifluoro-1-propenyl) 2,2-dimethyl, cyclopropanecarboxylate.....

BY WT.

17.15%

OTHER INGREDIENTS:.....

82.85%

TOTAL:.....

100.00%

*Cis isomers 97% minimum, trans isomers 3% maximum.

This product contains 1.5 lbs. ai per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

[See containers inside for additional precautionary statement, first aid and directions for use.]

FOR CHEMICAL SPILL, LEAK, FIRE, EXPOSURE OR MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL CHEMTREC® TOLL FREE 1-800-424-9300 or 1-703-527-3887 (24 Hours per Day, 7 Days per Week).

EPA Reg. No. 2749-644

Net Contents:

EPA Est. No.

Manufactured for Aceto Life Sciences, L.L.C., d/b/a Actylis
4 Tri Harbor Court
Port Washington, NY 11050