



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

November 3, 2023

Sue-Chi Shen
Senior Regulatory Project Manager
Valent U.S.A. LLC
1600 Riviera Avenue, Suite 200
Walnut Creek, CA 94596-8025

Subject: PRIA Label Amendment – Change of Application Frequency for Grapes & Incorporation of *Registration Review* Mitigation Language for Pyriproxyfen ID
Product Name: Pyriproxyfen 0.86 EC Ag Insect Growth Regulator
EPA Registration Number: 59639-160
Application Dates: April 18, 2020 & December 12, 2022
Case Numbers: 474388 & 477880

Dear Sue-Chi Shen:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. The Agency has also completed reviewing all of the information submitted with your application to support the *Registration Review* of the above referenced product in connection with the Pyriproxyfen Final and/or Interim Decision and has concluded that submission is acceptable as well. 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. 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 12 months from the date of this letter. After 12 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.

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 Carmen Rodia via e-mail at Rodia.Carmen@epa.gov.

Sincerely,



Tamica L. Cain, Product Manager 10
Invertebrate & Vertebrate Branch 2
Registration Division (7505T)

*Enclosures: Stamped "Accepted" Master Label, November 3, 2023
EFED Risk Assessment for PRIA R350 Label Amendment, dated October 11, 2023
HED Risk Assessment for PRIA R350 Label Amendment, dated June 6, 2023*



PYRIPROXYFEN | GROUP 7C | INSECTICIDE

ACCEPTED
11/03/2023
Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 59639-160

**PYRIPROXYFEN 0.86 EC Ag
INSECT GROWTH REGULATOR**

Active Ingredient	By Wt
Pyriproxyfen*	11.23%
Other Ingredients	<u>88.77%</u>
Total	100.00%

*4-phenoxyphenyl (RS)-2-(2-pyridyloxy)propyl ether

Contains 0.86 pound of pyriproxyfen per gallon of formulated product.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

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.)

[SEE [NEXT PAGE] [NEXT PANEL] [BOOKLET] FOR [FIRST AID STATEMENT][,] [AND] [ADDITIONAL PRECAUTIONARY STATEMENTS] [AND] [DIRECTIONS FOR USE]]

EPA Reg. No. 59639-160

NET CONTENTS _____

FIRST AID

- If on skin or clothing:**
- Take off contaminated clothing.
 - Rinse skin immediately with plenty of water for 15-20 minutes.
 - Call a poison control center or doctor for treatment advice.
- If swallowed:**
- Call poison control center or doctor immediately for treatment advice.
 - 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.
- If in eyes:**
- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
 - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
 - Call a poison control center or doctor for treatment advice.
- If inhaled:**
- Move person to fresh air.
 - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
 - 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 additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may contact **1-800-892-0099**, twenty-four (24) hours per day seven (7) days per week.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes plus socks, and
- Chemical-resistant gloves (such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride ≥ 14 mils, or Viton ≥ 14 mils,).

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 clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by disposing of equipment washwaters or rinsate. Avoid direct application and/or spray drift to bee hives.

DIRECTIONS FOR USE

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

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

USE RESTRICTIONS

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

AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow worker entry into treated areas during the (REI) of 12 hours.

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

-Coveralls over short-sleeved shirt and short pants,
-Shoes plus socks, and
-Chemical-resistant gloves, such as Barrier Laminate, Butyl Rubber \geq 14 mils, nitrile rubber \geq 14 mils, neoprene rubber \geq 14 mils, natural rubber \geq 14 mils, polyethylene, polyvinyl chloride \geq 14 mils, or Viton \geq 14 mils.

PRODUCT INFORMATION

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator is intended for use in Integrated Pest Management (IPM) or Insect Resistance Management (IRM) programs. Pyriproxyfen will not control insect adults, and it is recommended to be used in combination and/or rotation with other IPM or IRM materials. Contact your local state extension service for details.

Pyriproxyfen acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

TANK MIXES

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

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

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, Pyriproxyfen 0.86 EC Ag Insect Growth Regulator contains a Group 7C insecticide. Any insect population may contain individuals naturally resistant to Pyriproxyfen 0.86 EC Ag Insect Growth Regulator and other Group 7C insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator or other Group 7C 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 the mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
 - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
 - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
 - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
 - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
 - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact Valent U.S.A. LLC at 800-6-VALENT (682-5368).

SPRAY DRIFT MANAGEMENT

SPRAY DRIFT

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 use a fine or coarser droplet size (ASABE S572.1), except for when applying ultra-low volume applications.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- If the windspeed 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.
- Do not apply during temperature inversions.

Airblast Applications:

- All sprays must be directed into the canopy.
- Nozzles directed out of the orchard must be turned off when treating the outer row, or when making turns between rows.
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- 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 use a fine or coarser droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

Boom-less Ground Applications:

- Do not apply when wind speeds exceed 15 miles per hour 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 manufacturer's 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.

Boom-less Ground Applications:

- Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

Handheld Technology Applications:

- Take precautions to minimize spray drift.

ARTICHOKE (GLOBE)
 [Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Artichoke Plum Moth Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	8 to 10 fl oz	Apply with ground equipment in adequate water for uniform coverage (10 to 50 gals/A). HIGHER WATER VOLUMES MAY PROVIDE IMPROVED INSECT CONTROL. Begin applications when whiteflies reach threshold levels per University/Extension recommendations (e.g., 3 to 5 adults per leaf and/or equivalent levels of immatures). Under severe pressure, use the higher recommended rates. Only whole fields should be treated.
<p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 20 fl oz (0.134 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per year. • Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application. 		

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides or insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Valent also does not recommend using rates below 8 fl oz per acre for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

ASPARAGUS

[Not Registered for Use in California]

[Not Registered for Use in New York]

[Not Registered for Use in California and New York]

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Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Whitefly	8 to 10 fl oz	<p>Apply with ground equipment in adequate water for uniform coverage (10 to 50 gals/A).</p> <p>HIGHER WATER VOLUMES MAY PROVIDE IMPROVED INSECT CONTROL.</p> <p>Begin applications when whiteflies reach threshold levels per University/Extension recommendations (e.g., 3 to 5 adults per leaf and/or equivalent levels of immatures).</p> <p>Under severe pressure, use the higher recommended rates.</p> <p>Only whole fields should be treated.</p>
<p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 20 fl oz (0.134 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per year. • Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application. 		

MANAGING WHITEFLY RESISTANCE: Repeated use of the same class of insecticides or insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Valent also does not recommend using rates below 8 fl oz per acre for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state and federal Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

BANANA AND PLANTAIN
 [Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	13 to 16 fl oz	Apply with air or ground equipment in adequate water for uniform coverage: By Air: 3 to 10 gals/A By Ground:..... 10 to 50 gals/A HIGHER WATER VOLUMES MAY PROVIDE IMPROVED INSECT CONTROL. Begin applications when whiteflies reach threshold levels per University/Extension recommendations (e.g. 3 to 5 adults per leaf and/or equivalent levels of immatures). Only whole fields should be treated.
Use Restrictions: <ul style="list-style-type: none"> • Do not apply within 14 days of harvest. • Do not make more than 3 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 48 fl oz (0.323 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Regardless of formulation do not apply more than 0.323 lb. pyriproxyfen per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application. 		

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides or insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than three applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Valent also does not recommend using rates below 13 fl oz per acre for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state and federal Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

BERRY
Low-Growing, Except Strawberry (Subgroup 13-07H)
 [Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

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CROPS	PESTS	PRODUCT RATE PER ACRE	SPECIAL INSTRUCTIONS
Bearberry Bilberry Blueberry, lowbush Cloudberry Cranberry Lingonberry Muntries Partridgeberry Cultivars, varieties, and/or hybrids of these	Cherry Fruitworm Cranberry Fruitworm Lecanium Scale	16 fl oz	Apply with ground or air equipment as a full coverage spray (minimum of 5 gals/A by air or 50 gals/A by ground). Thorough coverage is critical for adequate control. It is essential to use adequate water volume to ensure thorough coverage. Fruitworms: Apply when egg laying begins and again at petal fall. Additional applications of another insecticide, at 10 – 14 day intervals, may be needed under high population pressure or sustained moth flight. Lecanium Scale: Apply at either dormant, delayed dormant or an in-season cover spray. At dormant or delayed dormant use a spray oil at the manufacturer's recommended oil rate. In a cover spray make applications when scale crawlers first emerge. Follow local recommendations regarding in-season use and rates of oil in your area.
<p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 32 fl oz (0.215 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.215 lb pyriproxyfen per acre per year. 			

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

BRASSICA LEAFY VEGETABLES

(Crop Group 5)

[Not Registered for Use in California]

[Not Registered for Use in New York]

[Not Registered for Use in California and New York]

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Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Broccoli Broccoli Raab (rapini) Brussels Sprouts Cabbage Cauliflower Cavalo Broccolo Chinese Broccoli (gai lon) Chinese Cabbage (bok choy and napa) Chinese Mustard (gai choy) Collards Kale Kohlrabi Mizuna Mustard Greens Mustard Spinach Rape Greens Turnip Greens	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	8 to 10 fl oz	Apply with ground equipment in adequate water for uniform coverage (10 to 50 gals/A). HIGHER WATER VOLUMES MAY PROVIDE IMPROVED INSECT CONTROL. Begin applications when whiteflies reach threshold levels per University/Extension recommendations (e.g. 3 to 5 adults per leaf and/or equivalent levels of immatures). Under severe pressure, use the higher recommended rates. Only whole fields should be treated.

Use Restrictions:

- Do not apply within 7 days of harvest.
- Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year.
- Do not apply more than 20 fl oz (0.134 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year.
- Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment.
- Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per year.
- Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application.

MANAGING WHITEFLY RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Valent also does not recommend using rates below 8 fl oz/A for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state and federal Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

BULB VEGETABLES

(Crop Group 3-07)

[Not Registered for Use in California]

[Not Registered for Use in New York]

[Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Garlic Garlic, Great Headed Leek Onion, Dry Bulb Onion, Green Onion, Welsh Shallot	Onion Thrips Western Flower Thrips	8 fl oz	FOR SUPPRESSION OF THRIPS: Apply with ground equipment in adequate water for uniform coverage (20 to 50 gals/A). Begin applications when thrips reach threshold levels per University/Extension. Thorough coverage is critical for adequate water volume to ensure thorough coverage.
Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs. Use Restrictions: <ul style="list-style-type: none">• Do not apply within 3 days of harvest.• Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year.• Do not apply more than 16 fl oz (0.108 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year.• Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment.• Regardless of formulation do not apply more than 0.108 lb pyriproxyfen per acre per year.• Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application.			

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

BUSHBERRY

(Subgroup 13-07B)

[Not Registered for Use in California]

[Not Registered for Use in New York]

[Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

CROPS	PESTS	PRODUCT RATE PER ACRE	SPECIAL INSTRUCTIONS
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	Cherry Fruitworm Cranberry Fruitworm Lecanium Scale	16 fl oz	Apply with ground or air equipment as a full coverage spray (minimum of 5 gals/A by air or 50 gals/A by ground). Thorough coverage is critical for adequate control. It is essential to use adequate water volume to ensure thorough coverage. Fruitworms: Apply when egg laying begins and again at petal fall. Additional applications of another insecticide, at 10 to 14 day intervals, may be needed under high population pressure or sustained moth flight. Lecanium Scale: Apply at either dormant, delayed dormant or an in-season cover spray. At dormant or delayed dormant use a spray oil at the manufacturer's recommended oil rate. In a cover spray make applications when scale crawlers first emerge. Follow local recommendations regarding in-season use and rates of oil in your area.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.

Use Restrictions:

- Do not apply within 7 days of harvest.
- Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year.
- Do not apply more than 32 fl oz (0.215 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year.
- Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment.
- Regardless of formulation do not apply more than 0.215 lb pyriproxyfen per acre per year.

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

CANE BERRY
(Subgroup 13-07A)

[Not Registered for Use in California]

[Not Registered for Use in New York]

[Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

CROPS	PESTS	PRODUCT RATE PER ACRE	SPECIAL INSTRUCTIONS
Blackberry including: Bingleberry Black Satin Berry Boysenberry Cherokee Blackberry Chesterberry Cheyenne Blackberry Coryberry Darrowberry Dewberry Dirksen Thornless Berry Himalayaberry Hullberry Lavacaberry Lowberry Lucretiaberry Mammoth Blackberry Marionberry Necterberry Olallieberry Oregon Evergreen berry Phenomenalberry Rangerberry Ravenberry Rosberry Shawnee Blackberry Loganberry Raspberry, including: Bababerry Black raspberry Blackcap Caneberry Framboise Frambueso Himbeere Keriberry Mayberry Red raspberry Thimbleberry Tulameen Yellow raspberry Wild raspberry Youngberry Cultivars, varieties, and/or hybrids of these	Cherry Fruitworm Cranberry Fruitworm Lecanium Scale	16 fl oz	Apply with ground or air equipment as a full coverage spray (minimum of 5 gals/A by air or 50 gals/A by ground). Thorough coverage is critical for adequate control. It is essential to use adequate water volume to ensure thorough coverage. Fruitworms: Apply when egg laying begins and again at petal fall. Additional applications of another insecticide, at 10 to 14 day intervals, may be needed under high population pressure or sustained moth flight. Lecanium Scale: Apply at either dormant, delayed dormant or an in-season cover spray. At dormant or delayed dormant use a spray oil at the manufacturer's recommended oil rate. In a cover spray make applications when scale crawlers first emerge. Follow local recommendations regarding in-season use and rates of oil in your area.
			Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs. Use Restrictions: <ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 32 fl oz (0.215 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.215 lb pyriproxyfen per acre per year.

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

**CITRUS FRUIT
(Crop Group 10-10)**

[Not Registered for Use in California]

[Not Registered for Use in New York]

[Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

CROP	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Australian Desert Lime Australian Finger-lime Australian Round Lime Brown River Finger Lime Calamondin Citron Citrus hybrids Grapefruit Japanese Summer Grapefruit Kumquat Lemon Lime Mediterranean Mandarin Mount White Lime New Guinea Wild Lime Orange, Sour Orange, Sweet Pummelo Russell River Lime Satsuma Mandarin Sweet Lime Tachibana Orange Tahiti Lime Tangelo Tangerine (mandarin) Tangor Trifoliolate Orange Uniq Fruit Cultivars, varieties, and/or hybrids of these	Black Scale Brown Soft Scale California Red Scale Florida Red Scale Snow Scale	16 fl oz	<p>Apply with ground equipment in 200 to 1500 gals/A. Apply in sufficient water volume for tree size. Thorough coverage is critical for control. It is essential to use adequate water volume to ensure thorough coverage.</p> <p>Apply any time prior to fruit becoming infested when scale is in the crawler stage. Application at the 2nd or 3rd generation of scale may result in excessive dead scale remaining on the fruit at harvest. Thorough coverage is essential for good control.</p> <p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be applied with superior spray oils at 1/2 to 1%. Follow the manufacturer's directions and recommendations on timing and rates.</p> <p>NOTE: For scale apply only one application during emergence of scale crawlers per calendar year.</p>
<p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 1 day of harvest. • Do not make more than 1 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator application per year. • Do not apply more than 16 fl oz (0.108 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Regardless of formulation do not apply more than 0.108 lb pyriproxyfen per acre per year. 			

continued

CITRUS (Crop Group 10-10) - continued

CROP	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Australian Desert Lime Australian Finger-lime Australian Round Lime Brown River Finger Lime Calamondin Citron Citrus hybrids Grapefruit Japanese Summer Grapefruit Kumquat Lemon Lime Mediterranean Mandarin Mount White Lime New Guinea Wild Lime Orange, Sour Orange, Sweet Pummelo Russell River Lime Satsuma Mandarin Sweet Lime Tachibana Orange Tahiti Lime Tangelo Tangerine (mandarin) Tangor Trifoliate Orange Uniq Fruit Cultivars, varieties, and/or hybrids of these	Citrus Black Fly Citrus Leafminer Citrus Whitefly	10 fl oz	Apply with ground application in 200 to 1500 gals/A. Apply in sufficient water volume for tree size. Thorough coverage is critical for control. It is essential to use adequate water volume to ensure thorough coverage. Apply when pests are just beginning to build and before infestation has occurred. Thorough coverage is essential for good control.
			Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs. Use Restrictions: <ul style="list-style-type: none"> • Do not apply within 1 day of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 20 fl oz (0.134 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 21 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per year.

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state, and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

COTTON
 [Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

PESTS	PRODUCT RATE PER ACRE	SPECIAL INSTRUCTIONS
Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	8 to 10 fl oz Do not apply less than 8 fl oz/A	Apply with air or ground equipment in adequate water for uniform coverage: By Air: 3 to 10 gals/A By Ground: 10 to 50 gals/A HIGHER WATER VOLUMES MAY PROVIDE IMPROVED INSECT CONTROL. Make only one application per year. Begin application when whiteflies reach threshold levels per University/Extension recommendations (e.g. 3 to 5 adults per leaf and/or equivalent levels of immatures). Under severe pressure, use the higher recommended rates. Only whole fields should be treated.
Use Restrictions: <ul style="list-style-type: none"> • Do not apply within 28 days of harvest. • Do not make more than 1 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator application per year. • Do not apply more than 10 fl oz (0.067 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Regardless of formulation do not apply more than 0.067 lb pyriproxyfen per acre per year. • Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application. 		

MANAGING WHITEFLY RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to one application per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Valent also does not recommend using rates below 8 fl oz per acre for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state and federal Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

CUCURBITS

(Crop Group 9)

[Not Registered for Use in California]

[Not Registered for Use in New York]

[Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Balsam Apple Balsam Pear Bitter Melon Cantaloupe Chayote Chinese Cucumber Chinese Waxgourd Citron Melon Cucumber Edible Gourd Gherkin <i>Momordica</i> spp. Muskmelon Pumpkin Summer Squash Watermelon Winter Squash	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	8 to 10 fl oz Do not apply less than 8 fl oz/A	Apply with air or ground equipment in adequate water for uniform coverage: By Air: 3 to 10 gals/A By Ground: 10 to 50 gals/A HIGHER WATER VOLUMES PROVIDE IMPROVED INSECT CONTROL. Begin application when whiteflies reach threshold levels per University/Extension recommendations (e.g. 3 to 5 adults per leaf and/or equivalent levels of immatures). Under severe pressure, use the higher recommended rates. Only whole fields should be treated.

Use Restrictions:

- Do not apply within 7 days of harvest.
- Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year.
- Do not apply more than 20 fl oz (0.134 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year.
- Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment.
- Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per year.
- Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application.

MANAGING WHITEFLY RESISTANCE: Repeated use of the same class of insecticides or insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Valent also does not recommend using rates below 8 fl oz per acre for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state and federal Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

FRUITING VEGETABLES

(Crop Group 8-10)

[Not Registered for Use in California]

[Not Registered for Use in New York]

[Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
African Eggplant Bush Tomato Bell Pepper Cocona Currant Tomato Eggplant Garden Huckleberry Goji Berry Ground Cherry Martynia Naranjilla Okra Pea Eggplant Pepino Pepper, Bell Pepper, Nonbell Roselle Scarlet Eggplant Sunberry	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	8 to 10 fl oz Do not apply less than 8 fl oz/A of Pyriproxyfen when used as a stand-alone application.	Apply with air or ground equipment in adequate water for uniform coverage: By Air:3 to 10 gals./A. By Ground:10 to 50 gals/A. HIGHER WATER VOLUMES PROVIDE IMPROVED INSECT CONTROL. Begin application when whiteflies reach threshold levels per University/Extension recommendations (e.g. 3 to 5 adults per leaf and/or equivalent levels of immatures). Under severe pressure, use the higher recommended rates. Only whole fields should be treated.
Pepper Tomatillo Tomato Tree Tomato Cultivars, varieties, and/or hybrids of these	Banded Wing Whitefly Cabbage Looper Green Peach Aphid Greenhouse Whitefly (immatures & adults) Silverleaf Whitefly Sweetpotato Whitefly Tobacco Hornworm	6 to 8 fl oz	Apply as a tank mix with ground equipment for uniform coverage (25 to 150 gals/A by ground). Make application when eggs or insects first appear. If control is needed during this period use an alternate insecticide registered for the target pest. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may also be mixed or alternated with commonly used insecticides to comply with local IPM programs. Comply with all applicable directions, restrictions and precautions on the registered tank mix partner labels.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.

Use Restrictions:

- Do not apply within 1 day of harvest.
- Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year.
- Do not apply more than 16 fl oz (0.108 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year.
- Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment.
- Regardless of formulation do not apply more than 0.108 lb pyriproxyfen per acre per year.
- Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application.

Continued

FRUITING VEGETABLES (Crop Group 8-10) - continued

CROP	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Tomato	Banded Wing Whitefly Beet Armyworm Fruitworm Greenhouse Whitefly (immatures & adults) Potato Aphid Silverleaf Whitefly Sweetpotato Whitefly Thrips Tomato Pinworm Yellowstriped Armyworm	6 to 8 fl oz + Danitol® 2.4 EC Spray 10-2/3 fl oz	<p>EARLY SEASON WHITEFLY CONTROL PROGRAM FOR REDUCTION OF GEMINIVIRUS: Apply as a tank mix with ground equipment for uniform coverage (10 to 120 gals/A). Make application when scouting first indicates adult whiteflies are on young plants. NOTE: This may result in treatment immediately following transplanting.</p> <p>MID TO LATE SEASON WHITEFLY CONTROL PROGRAM FOR PREVENTION OF IRREGULAR FRUIT RIPENING: Apply as a tank mix with ground equipment for uniform coverage (20 to 120 gals/A by ground). Make application when scouting indicates whiteflies are present.</p> <p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may also be mixed or alternated with commonly used insecticides to comply with local IPM programs.</p> <p>Comply with all applicable directions, restrictions and precautions on the registered label for <i>Danitol</i> 2.4 EC Spray.</p>
<p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 14 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 16 fl oz (0.108 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.108 lb pyriproxyfen per acre per year. • Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application. 			

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

GRAPE
 [Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an insect growth regulator (IGR) and activity depends on the insects' development, evidence of activity will be slower than typical contact insecticides.

PESTS	PRODUCT RATE PER ACRE	SPECIAL INSTRUCTIONS
Glassy-Winged Sharpshooter Grape Berry Moth Lecanium Scale	16 fl oz	Apply with ground equipment as a full coverage spray (50 to 200 gals/A). Thorough coverage is critical for adequate control. It is essential to use adequate water volume to ensure thorough coverage. Lecanium Scale: Apply at either dormant, delayed dormant or an in-season cover spray. At dormant, delayed dormant you may use a spray oil at the manufacturer's recommended oil rate. Do not use oil in an in-season spray. In a cover spray make applications when scale crawlers first emerge. Follow local recommendations regarding in-season use and rates of oil in your area.
<p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 21 days of harvest. • Do not make more than 3 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 48 fl oz (0.323 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation, do not apply more than 0.323 lb active of pyriproxyfen per acre per year. 		

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

HERB
(Subgroup 19A)

[Not Registered for Use in California]

[Not Registered for Use in New York]

[Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Angelica, Balm Basil Borage Burnet Chamomile Catnip Chervil (dried) Chive Chive, Chinese Clary Coriander (leaf) Costmary Cilantro (leaf) Curry (leaf) Dillweed Horehound Hyssop Lavender Lemongrass Lovage (leaf) Marigold Marjoram Nasturtium Parsley (dried) Pennyroyal Rosemary Rue Sage Savory, Summer and Winter Sweet Bay Tansy Tarragon Thyme Wintergreen Woodruff Wormwood	Whiteflies, including: Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	8 to 10 fl oz	Apply with ground equipment in adequate water for uniform coverage. A minimum of 20 gallons per acre for ground applications HIGHER WATER VOLUMES MAY PROVIDE IMPROVED INSECT CONTROL. Begin applications when whiteflies reach threshold levels. Under severe pressure, use the higher recommended rates. Treat only whole fields.
<p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 1 (one) day of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 20 fl oz (0.134 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per year. • Do not plant any crop other than those with registered Pyriproxyfen 0.86 EC Ag Insect Growth Regulator uses in treated areas sooner than 30 days after the last application. 			

MANAGING WHITEFLY RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Valent also does not recommend using rates below 8 fl oz/A for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state and federal Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

LEAFY VEGETABLES (EXCEPT BRASSICA VEGETABLES) (Crop Group 4)

[Not Registered for Use in California]
[Not Registered for Use in New York]
[Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Amaranth (Chinese Spinach) Arugula (Roquette) Cardoon Celery Celery, Chinese Celtuce Chervil Chrysanthemum, Edible-Leaved Chrysanthemum, Garland Corn Salad Cress, Garden Cress, Upland Dandelion, Dock (Sorrel) Endive (Escarole) Fennel, Florence Lettuce, Head and Leaf Orach Parsley Purslane, Garden Purslane, Winter Radicchio (Red Chicory) Rhubarb Spinach New Zealand Spinach Vine Spinach Swiss Chard	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	8 to 10 fl oz	Apply with ground equipment in adequate water for uniform coverage (10 to 50 gals/A). HIGHER WATER VOLUMES MAY PROVIDE IMPROVED INSECT CONTROL. Begin applications when whiteflies reach threshold levels per University/Extension recommendations. Under severe pressure, use the higher recommended rates. Only whole fields should be treated.
Use Restrictions: <ul style="list-style-type: none"> • Do not apply within 14 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per growing year. • Do not apply more than 20 fl oz (0.134 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per year. • Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application. 			

MANAGING WHITEFLY RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Valent also does not recommend using rates below 8 fl oz/A for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state and federal Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

LEAVES OF ROOT & TUBER VEGETABLES
Human Food or Animal Feed (Crop Group 2)
 [Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Beet, Garden Burdock, Edible Carrot Cassava, Bitter Cassava, Sweet Celeriac Chervil, Turnip-Rooted Chicory Dasheen (Taro) Parsnip Radish Radish, Oriental (Daikon) Rutabaga Salsify, Black Sugar Beet Sweet Potato Tanier Turnip Yam, True	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	8 to 10 fl oz	Apply with ground equipment in adequate water for uniform coverage (10 to 50 gals/A). HIGHER WATER VOLUMES MAY PROVIDE IMPROVED INSECT CONTROL. Begin applications when whiteflies reach threshold levels per University/Extension recommendations (e.g. 3 to 5 adults per leaf and/or equivalent levels of immatures). Under severe pressure, use the higher recommended rates. Only whole fields should be treated.
Use Restrictions: <ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 16 fl oz (0.108 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag per Insect Growth Regulator acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.108 lb pyriproxyfen per acre per year. • Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application. • Do not allow livestock to graze on treated areas. 			

MANAGING WHITEFLY RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Valent also does not recommend using rates below 8 fl oz/A for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state and federal Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

LEGUME VEGETABLES
Succulent or Dried (Crop Group 6)
 [Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Beans (<i>Lupinus</i>): Grain Lupin Sweet Lupin White Lupin White Sweet Lupin Beans (<i>Phaseolus</i>): Field Bean Kidney Bean Lima Bean Navy Bean Pinto Bean Runner Bean Snap Bean Tepary Bean Wax Bean Bean (<i>Vigna</i>): Adzuki Bean Asparagus Bean Blackeyed Pea Catjang Chinese Longbean Cowpea Crowder Pea Moth Bean Mung Bean Rice Bean Southern Pea Urd Bean Yardlong Bean Broad Bean (fava) Chickpea (garbanzo) Guar Jackbean Lablab Bean Lentil Pea (<i>Pisum</i>): Dwarf Pea Edible-podded Pea English Pea Field Pea Garden Pea Green Pea Snowpea Sugar Snap Pea Pigeon Pea Soybean[*] Sword Bean	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	8 to 10 fl oz	EARLY SEASON WHITEFLY PROGRAM: Apply with ground equipment in adequate water for uniform coverage (10 to 50 gals/A. Thorough coverage is critical for adequate control. It is essential to use adequate water volume to ensure thorough coverage. Begin applications when whiteflies reach threshold levels per University/Extension recommendations (e.g. 3 to 5 adults per leaf and/or equivalent levels of immatures). Under severe pressure, use the higher recommended rates. Only whole fields should be treated.
[*]In California only, not for use on soybeans] [*]In New York only, not for use on soybeans]			
Use Restrictions:			
<ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 20 fl oz (0.134 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per year. • Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application. • Do not allow livestock to graze treated areas. • Do not use on legume vegetables varieties grown for livestock feed. 			

MANAGING WHITEFLY RESISTANCE: Repeated use of the same class of insecticides or insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Valent also does not recommend using rates below 8 fl oz per acre for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state and Federal Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

OLIVE
 [Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

GENERAL: Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Black Scale San Jose Scale	13 to 16 fl oz	<p>Apply with ground equipment in 100 to 400 gals/A. Apply in sufficient water volume for tree size. Thorough coverage is critical for adequate control. It is essential to use adequate water volume to ensure thorough coverage.</p> <p>Apply at either dormant, delayed dormant or an in-season cover spray. At dormant, delayed dormant use a spray oil at the manufacturer's recommended oil rate. In a cover spray make applications when scale crawlers first emerge. Follow local recommendations regarding in-season use and rates of oil in your area.</p> <p>Under heavy scale pressure, use the higher rate of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator.</p>
<p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 32 fl oz (0.215 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.215 lb pyriproxyfen per acre per year. 		

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

PASTURE GRASS AND RANGELAND
 [Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an insect growth regulator (IGR) and activity depends on the insects' development, evidence of activity will be slower than typical contact insecticides.

PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Cricket Grasshopper Locust	8 to 10 fl oz	Apply with air or ground equipment in adequate water for uniform coverage: By Air:3 to 10 gals/A By Ground: ...10 to 50 gals/A HIGHER WATER VOLUMES PROVIDE IMPROVED INSECT CONTROL. Begin application when pests reach threshold levels per University/Extension recommendations. Under severe pressure, use the higher recommended rates.
<p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 20 fl oz (0.134 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. 		

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

PAWPAW
 [Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Scale Whitefly	13 to 16 fl oz	<p>Apply 100 to 400 gals/A with ground equipment. Coverage is essential for good control. Apply in sufficient water volume for tree size. Use of higher water volume will assure better coverage.</p> <p>Scale: Apply at either dormant, delayed dormant or an in-season cover spray. At dormant or delayed dormant use a spray oil at the manufacturer's recommended oil rate. Do not use oil in an in-season spray.</p> <p>In a cover spray make applications when scale crawlers first emerge.</p> <p>Under heavy scale pressure, use the higher rate of Pyriproxyfen.</p>
<p>In-season sprays of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may not protect fruit from blemishes by scale.</p> <p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 14 days of harvest. • Do not make more than 3 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 48 fl oz (0.323 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.323 lb pyriproxyfen per acre per year. 		

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than three applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

PINEAPPLE
 [Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Black Scale Brown Soft Scale California Red Scale Florida Red Scale Snow Scale	16 fl oz	<p>Apply with ground equipment in 20 to 50 gals/A. Apply in sufficient water volume for plant size. Thorough coverage is critical for control. It is essential to use adequate water volume to ensure thorough coverage.</p> <p>Apply any time prior to fruit becoming infested when scale is in the crawler stage. Application at the 2nd or 3rd generation of scale may result in excessive dead scale remaining on the fruit at harvest. Thorough coverage is essential for good control.</p> <p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be applied with superior spray oils at 1/2 to 1%. Follow the manufacturer's directions and recommendations on timing and rates.</p>

Pyriproxyfen may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.

Use Restrictions:

- Do not apply within 1 day of harvest.
- Do not make more than 1 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per calendar year.
- Do not apply more than 16 fl oz (0.108 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year.
- Regardless of formulation do not apply more than 0.108 lb pyriproxyfen per acre per year.

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per calendar year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

POME FRUIT

(Crop Group 11-10)

[Not Registered for Use in California]

[Not Registered for Use in New York]

[Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Apple Azarole Crabapple Loquat Mayhaw Medlar Quince Quince, Chinese Quince, Japanese Tejocote Cultivars, varieties, and/or hybrids of these	Codling Moth Suppression of: Pandemis Leafroller Obliquebanded Leafroller	13 to 16 fl oz	Apply by ground with airblast equipment in a minimum of 50 gals/A. Thorough coverage is critical for control. It is essential to use adequate water volume to ensure thorough coverage. 1st Generation Codling Moth: Apply at Biofix plus 100 degree days (this is usually close to petal fall). Make a second application 14 to 21 days later or timed to coincide with peak moth flights. For subsequent applications, if needed, apply other insecticides registered for Codling Moth control. The addition of oil has been shown to increase Codling Moth activity of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator. Follow local recommendations regarding in season use and rates of oil in your area. Obliquebanded and Pandemis Leafroller: Apply to the over-wintering larvae at the pink to petal fall tree growth stage. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator does not directly control the larvae but inhibits normal pupation and adult emergence.
	Florida Red Scale Lecanium Scale San Jose Scale	13 to 16 fl oz	Apply by ground with airblast equipment in a minimum of 50 gals/A. Thorough coverage is critical for control. It is essential to use adequate water volume to ensure thorough coverage. Apply at delayed dormant through pink. For delayed dormant use a superior spray oil at the manufacturer's recommended rate of oil. Under heavy scale pressure, use the higher rate of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator. Scale: For control in-season, make application in cover sprays when scale crawlers first emerge. The use of oil at the crawler emergence stage has been shown to improve control. Follow local recommendations regarding in-season use and rates of oil in your area.

Continued

POME FRUIT (Crop Group 11-10) - continued

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Apple Azarole Crabapple Loquat Mayhaw Medlar Quince Quince, Chinese Quince, Japanese Tejocote Cultivars, varieties, and/or hybrids of these	Green Apple Aphid Rosy Apple Aphid Spirea Aphid Spotted Tentiform Leafminer Western Tentiform Leafminer	10 to 16 fl oz	<p>Apply by ground with airblast equipment in a minimum of 50 gals/A. Thorough coverage is critical for control. It is essential to use adequate water volume to ensure thorough coverage.</p> <p>Leafminers: Apply at peak moth flight for control of 1st or 2nd generation. This usually occurs at pre-pink to pink apple stage for 1st generation and 2nd cover for 2nd generation.</p> <p>Rosy Apple Aphid: Apply at 1/2" green apple growth stage.</p> <p>Green Apple & Spirea Aphid: Apply when aphids first appear, but before aphids are colonized.</p> <p>TIMING IS CRITICAL FOR ACCEPTABLE APHID CONTROL.</p>
Pear Pear, Asian	Pear Psylla	13 to 16 fl oz	<p>Apply by ground with airblast equipment in 75 to 400 gals/A with a superior spray oil at manufacturer's recommended rates for the stage of growth. It is essential to use adequate water volume to ensure thorough coverage.</p> <p>Apply a single application during the delayed dormant to pink stage of growth at 16 fl oz/A or make two applications from delayed dormant through petal fall stage of growth at 13 to 16 fl oz/A. Make application just before sustained egg lay is anticipated.</p> <p>DO NOT SKIP ROWS DURING APPLICATION.</p> <p>For in-season control of pear psylla, use an insecticide recommended for this use.</p>
	Lecanium Scale San Jose Scale	13 to 16 fl oz	<p>Apply by ground with airblast equipment in 100 to 400 gals/A at delayed dormant with a superior spray oil at the manufacturer's recommended rates. Under heavy scale pressure, use the higher rate.</p> <p>Apply in sufficient water volume for tree size. Thorough coverage is critical for control. It is essential to use adequate water volume to ensure thorough coverage.</p> <p>For control of scale in-season make application in cover sprays when scale crawlers first emerge. The use of oil at the crawler emergence stage has been shown to improve performance. Follow local recommendations regarding in-season use and rates of oil in your area.</p>

continued

POME FRUIT (Crop Group 11-10) - continued

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Pear Pear, Asian	Codling Moth Suppression of: Obliquebanded Leafroller Pandemis Leafroller	13 to 16 fl oz	Apply by ground with airblast equipment in 100 to 400 gals/A. 1st Generation Codling Moth: Apply at Biofix plus 100 degree days. Make a second application 14 to 21 days later or timed to coincide with peak moth flights. For subsequent applications, if needed, apply other insecticides registered for Codling Moth control. The addition of oil has been shown to increase Codling Moth activity of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator. Follow local recommendations regarding in-season use and rates of oil in your area. For additional generations apply other insecticides registered for Codling Moth Control.
<p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 45 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 32 fl oz (0.215 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.215 lb pyriproxyfen per acre per year. 			

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

POMEGRANATE
 [Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	13 to 16 fl oz	Apply with air or ground equipment in adequate water for uniform coverage: By Air: 3 to 10 gals/A By Ground: 10 to 50 gals/A HIGHER WATER VOLUMES MAY PROVIDE IMPROVED INSECT CONTROL. Begin applications when whiteflies reach threshold levels per University/Extension recommendations (e.g. 3 to 5 adults per leaf and/or equivalent levels of immatures). Only whole fields should be treated.
Use Restrictions: <ul style="list-style-type: none"> • Do not apply within 14 days of harvest. • Do not make more than 3 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 48 fl oz (0.323 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.323 lb pyriproxyfen per acre per year. • Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application. 		

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides or insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than three applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Valent also does not recommend using rates below 13 fl oz per acre for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state and federal Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

ROOT AND TUBER VEGETABLES

(Crop Group 1)

[Not Registered for Use in California]

[Not Registered for Use in New York]

[Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Arracacha Arrowroot Artichoke, Chinese Artichoke, Jerusalem Beet, Garden Beet, Sugar Burdock, Edible Canna, Edible Carrot Cassava, (bitter and sweet) Celeriac Chaoyote (root) Chervil, Turnip-rooted Chicory Chufa Dasheen (taro) Ginger Ginseng Horseradish Leren Parsley, Turnip-rooted Parsnip Potato Radish Radish, Oriental (dai kon) Rutabaga Salsify Salsify, Black Salsify, Spanish Skirret Sweet Potato Tanier Turmeric Turnip Yam, Bean Yam, True	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	8 fl oz	Apply with ground equipment in adequate water for uniform coverage (20 to 50 gals/A). HIGHER WATER VOLUMES MAY PROVIDE IMPROVED INSECT CONTROL. Begin applications when whiteflies reach threshold levels per University/Extension recommendations (e.g. 3 to 5 adults per leaf and/or equivalent levels of immatures). Only whole fields should be treated.
Use Restrictions: <ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 16 fl oz (0.108 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.108 lb pyriproxyfen per acre per year. • Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application. • Do not allow livestock to graze treated areas. 			

continued

ROOT AND TUBER VEGETABLES (Crop Group 1) - continued

MANAGING WHITEFLY RESISTANCE: Repeated use of the same class of insecticides or insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Valent also does not recommend using rates below 8 fl oz per acre for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state, and federal Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

SMALL FRUIT VINE CLIMBING CROPS (EXCEPT GRAPE)

(Subgroup 13-07E)

[Not Registered for Use in California]

[Not Registered for Use in New York]

[Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

CROPS	PESTS	PRODUCT RATE PER ACRE	SPECIAL INSTRUCTIONS
Berry, Schisandra Gooseberry Grape, Amur River Kiwifruit, Fuzzy Kiwifruit, Hardy Maypop Cultivars, varieties and/or hybrids of these.	Scale	16 fl oz	Apply with ground or air equipment as a full coverage spray (minimum of 5 gals/A by air or 50 gals/A by ground). Thorough coverage is critical for adequate control. It is essential to use adequate water volume to ensure thorough coverage. Apply at either dormant, delayed dormant or an in-season cover spray. At dormant or delayed dormant use a spray oil at the manufacturer's recommended oil rate. In a cover spray make applications when scale crawlers first emerge. Follow local recommendations regarding in-season use and rates of oil in your area.
<p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 30 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 32 fl oz (0.215 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.215 lb pyriproxyfen per acre per year. 			

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

STONE FRUIT

(Crop Group 12)

[Not Registered for Use in California]

[Not Registered for Use in New York]

[Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Apricot Cherry Chickasaw Plum Damson Plum Fresh Prune Japanese Plum Nectarine Peach Plum Plumcot Prune	Lecanium Scale San Jose Scale Suppression of: Peach Twig Borer Oriental Fruit Moth	13 to 16 fl oz	Apply in 100 to 400 gals/A. with ground equipment. Coverage is essential for good control. Apply in sufficient water volume for tree size. Use of higher water volume will assure better coverage. Scale: Apply at dormant, delayed dormant or as an in-season cover spray. At dormant, delayed dormant, use a spray oil at the manufacturer's recommended oil rate. Under heavy scale pressure, use the higher rate. Peach Twig Borer: Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has provided good suppression of Peach Twig Borer when applied delayed dormant through bloom sprays. Use a spray oil at the manufacturer's recommended rate for the stage of crop growth.
<p>In-season sprays of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may not protect fruit from blemishes by scale.</p> <p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management IPM and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 14 days of harvest. • Do not make more than 3 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 48 fl oz (0.323 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.323 lb pyriproxyfen per acre per year. 			

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than three applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

STRAWBERRY
 [Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an insect growth regulator (IGR) and activity depends on the insects' development, evidence of activity will be slower than typical contact insecticides.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

PESTS	PRODUCT RATE PER ACRE	SPECIAL INSTRUCTIONS
Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	10 fl oz	Apply with ground equipment as a full coverage spray (100 to 400 gals/A). Thorough coverage is critical for adequate control. It is essential to use adequate water volume to ensure thorough coverage. Begin applications when whiteflies reach threshold levels per University/Extension recommendations (e.g. 3 to 5 adults per leaf and/or equivalent levels of immatures). Only whole fields should be treated.
<p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 2 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 20 fl oz (0.134 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 30 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation, do not apply more than 0.134 lb of pyriproxyfen per acre per year. • Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application. 		

MANAGING WHITEFLY RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

TREE NUTS

(Crop Group 14)

[Not Registered for Use in California]

[Not Registered for Use in New York]

[Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

CROP	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Almond	Black Scale San Jose Scale Suppression of: Peach Twig Borer	13 to 16 fl oz	Apply with ground equipment in 100 to 400 gals/A. Coverage is essential for good control. Apply in sufficient water volume for tree size. Use of higher water volume will assure better coverage. Apply at either dormant, delayed dormant or an in-season cover spray. At dormant, delayed dormant use a spray oil at the manufacturer's recommended oil rate. In a cover spray make applications when scale crawlers first emerge. Follow local recommendations regarding in-season use and rates of oil in your area. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has provided good suppression of Peach Twig Borer when applied delayed dormant through bloom sprays.
<p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 21 days of harvest. • Do not make more than 1 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator application per year. • Do not apply more than 16 fl oz (0.108 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Regardless of formulation do not apply more than 0.108 lb pyriproxyfen per acre per year. 			

continued

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to one application per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

TREE NUTS (Crop Group 14) - continued

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Beechnut Brazil Butternut Cashew Chestnut Chinquapin Filbert (Hazelnut) Hickory Macadamia Pecan Pistachio Walnut	Codling Moth Dusky Veined Aphid Walnut Aphid	16 fl oz	Apply with ground equipment in 100 to 400 gals/A. Apply in sufficient water volume for tree size. Thorough coverage is critical for control. It is essential to use adequate water volume to ensure thorough coverage. 1st Generation Codling Moth: Apply at Biofix plus 100 degree days. Make a second application 14 to 21 days later or timed to coincide with peak moth flights. For subsequent applications, if needed, apply other insecticides registered for Codling Moth control. The addition of oil has been shown to increase Codling Moth activity of Pyriproxyfen. Follow local recommendations regarding in-season use and rates of oil in your area.
	Black Scale Brown Soft Scale Italian Scale Lecanium Scale San Jose Scale Walnut Scale Suppression of: Peach Twig Borer	13 to 16 fl oz	Apply with ground equipment in 100 to 400 gals/A at either dormant, delayed dormant or an in-season cover spray. The addition of a superior spray oil at dormant or delayed dormant may improve scale control. However, do not use a spray oil in oil sensitive crops such as Walnut. Follow manufacturer's recommendations regarding use and rates of oil for your area. In a cover spray make applications when scale crawlers first emerge. Follow local recommendations regarding in-season use and rates of oil in your area. Under heavy scale pressure, use the higher rate. Coverage is essential for good control. Apply in sufficient water volume for tree size. Use of higher water volume will assure better coverage.
<p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 21 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 32 fl oz (0.215 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.215 lb pyriproxyfen per acre per year. 			

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

TROPICAL & SUBTROPICAL FRUIT
 [Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

CROPS	PEST	PRODUCT RATE PER ACRE	SPECIAL INSTRUCTIONS
Acerola Atemoya Avocado Biriba Black Sapote Canistel Cherimoya Custard Apple Feijoa Guava Ilama Jaboticaba Longan Lychee Mamey Sapote Mango Passionfruit Papaya Pulasan Rambutan Sapodilla Soursop Spanish Lime Star Apple Starfruit Sugar Apple Wax Jambu	Scale	16 fl oz	<p>Apply with ground or air equipment as a full coverage spray (minimum of 5 gals/A by air or 50 gals/A by ground). Thorough coverage is critical for adequate control. It is essential to use adequate water volume to ensure thorough coverage.</p> <p>Apply at either dormant, delayed dormant or an in-season cover spray. At dormant or delayed dormant use a spray oil at the manufacturer's recommended oil rate. In a cover spray make applications when scale crawlers first emerge. Follow local recommendations regarding in-season use and rates of oil in your area.</p> <p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 14 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 32 fl oz (0.215 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.215 lb pyriproxyfen per acre per year.

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant Pyriproxyfen 0.86 EC Ag Insect Growth Regulator insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

WATERCRESS

[Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an insect growth regulator (IGR) and activity depends on the insects' development, evidence of activity will be slower than typical contact insecticides.

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator exhibits translaminar movement which means that when the product is properly applied to the upper surfaces of the leaves it will penetrate the leaf and move within the plant tissue to the lower surfaces of the leaf. This translaminar movement is very important to chemical control of whitefly since one of the major obstacles is getting the product to the underside of the leaves where whitefly are present.

PESTS	PRODUCT RATE PER ACRE	SPECIAL INSTRUCTIONS
Sharpshooters Whitefly	8 to 10 fl oz	Apply with ground equipment as a full coverage spray (10 to 50 gals/A). Thorough coverage is critical for adequate control. It is essential to use adequate water volume to ensure thorough coverage. Begin applications when whiteflies reach threshold levels per University/Extension recommendations Under severe pressure, use the higher recommended rates. Only whole fields should be treated.
<p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 20 fl oz (0.134 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 14 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation, do not apply more than 0.134 lb of pyriproxyfen per acre per year. • Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application. 		

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Valent also does not recommend using rates below 8 fl oz per acre for whitefly control because reduced rates can lead to a greater potential for resistance development. Follow local, state and federal IPM and IRM recommendations. Read and follow all product labels before applying any insecticide.

WHITE SAPOTE
 [Not Registered for Use in California]
 [Not Registered for Use in New York]
 [Not Registered for Use in California and New York]

Pyriproxyfen 0.86 EC Ag Insect Growth Regulator acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator has no activity on adult insects but hatching of eggs laid by treated adults will be suppressed. Since Pyriproxyfen 0.86 EC Ag is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Black Scale Brown Soft Scale California Red Scale Florida Red Scale Snow Scale	16 fl oz	<p>Apply with ground equipment in 200 to 1500 gals/A. Apply in sufficient water volume for tree size. Thorough coverage is critical for control. It is essential to use adequate water volume to ensure thorough coverage.</p> <p>Apply any time prior to fruit becoming infested when scale is in the crawler stage. Application at the 2nd or 3rd generation of scale may result in excessive dead scale remaining on the fruit at harvest. Thorough coverage is essential for good control.</p> <p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be applied with superior spray oils at 1/2 to 1%. Follow the manufacturer's directions and recommendations on timing and rates.</p> <p>NOTE: For scale apply only one application during emergence of scale crawlers per calendar year.</p>
<p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 1 day of harvest. • Do not make more than 1 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator application per year. • Do not apply more than 16 fl oz of (0.108 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Regardless of formulation do not apply more than 0.108 lb pyriproxyfen per acre per year. 		
Citrus Black Fly Citrus Leafminer Citrus Whitefly	10 fl oz	<p>Apply with ground application in 200 to 1500 gals/A. Apply in sufficient water volume for tree size. Thorough coverage is critical for control. It is essential to use adequate water volume to ensure thorough coverage.</p> <p>Apply when pests are just beginning to build and before infestation has occurred. Thorough coverage is essential for good control.</p>
<p>Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.</p> <p>Use Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 1 day of harvest. • Do not make more than 2 Pyriproxyfen 0.86 EC Ag Insect Growth Regulator applications per year. • Do not apply more than 20 fl oz (0.134 lb pyriproxyfen) of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator per acre per year. • Do not apply earlier than 21 days after the last Pyriproxyfen 0.86 EC Ag Insect Growth Regulator treatment. • Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per year. 		

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. LLC is restricting Pyriproxyfen 0.86 EC Ag Insect Growth Regulator to no more than two applications per year. Pyriproxyfen 0.86 EC Ag Insect Growth Regulator may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state, and federal Integrated Pest Management (IPM) and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

STORAGE AND DISPOSAL

PESTICIDE STORAGE

Store in a cool dry (preferably locked) area that is inaccessible to children and animals.

Keep this product in its tightly closed original container.

Keep container closed when not in use.

Do not put concentrate or dilute into food or drink containers.

Not for use or storage in or around the home.

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

For help with any spill, leak, fire or exposure involving this material, call day or night 800-892-0099.

PESTICIDE DISPOSAL

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

CONTAINER HANDLING

[Use the following statement for containers smaller than 50 lb]

[Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.]

[Use the following statements for containers greater than 50 lb]

[Nonrefillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available]

**RISKS OF USING THIS PRODUCT,
LIMITED WARRANTY AND DISCLAIMER,
AND LIMITATION OF LIABILITY**

IMPORTANT: Read the entire Label including this section titled Risks of Using this Product, Limited Warranty and Disclaimer, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT

The buyer and user (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND TO THE FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

The Directions for Use of this product must be followed carefully. Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential, or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. To the extent consistent with applicable law, Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY AND DISCLAIMER

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label **and subject to the Risks of Using This Product as described above. To the extent consistent with applicable law, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED.** No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY

To the fullest extent allowed by law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. TO THE FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

PROMPT NOTICE OF CLAIM

To the extent consistent with applicable law allowing such requirements, Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is later, so that an immediate inspection of the affected property and growing crops can be made.

To the extent consistent with applicable law, if Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

NO AMENDMENTS

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing **Risks of Using This Product, Limited Warranty and Disclaimer, and Limitation of Liability**, which may not be modified by any oral or written agreement.

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***Danitol* is a restricted use product.**

Manufactured for:
Valent U.S.A. LLC
P.O. Box 8025
Walnut Creek, CA 94596

Made in U.S.A.

EPA Reg. No. 59639-160
EPA Est. _____

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