



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460-0001

EPA Reg. Number:

91234-63

Date of Issuance:

03/20/2018

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

A118.02

Name and Address of Registrant (include ZIP Code):

Mr. Dave G. Bolin, Ph.D.
Director - Regulatory Affairs
Atticus, LLC
501 Cascade Pointe Lane, Suite 102
Cary, NC 27513-5787

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

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

Signature of Approving Official:

Richard Gebken
Product Manager 10, Invertebrate & Vertebrate Branch 2
Registration Division (7505P)
Office of Pesticide Programs

Date:

03/20/2018

2. You are required to comply with the data requirements described in the DCI or EDSP Order identified below:
 - a. Pyriproxyfen GDCI-129032-1299
 - b. Pyriproxyfen EDSP-129032-186
 - c. Pyriproxyfen EDSP-129032-187

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

http://www.epa.gov/oppsrrd1/contacts_prd.htm

3. Be aware that proposed data requirements have been identified in a Work Plan or proposed DCI. For more information on these proposed data requirements, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division:
http://www.epa.gov/oppsrrd1/contacts_prd.htm
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 91234-63.”
5. Submit one copy of the final printed label for the record before you release the product for shipment.

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

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

- Basic CSF dated 10/25/2017

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Decision No. 535643

If you have any questions, please contact Matthew Sellner by phone at (703) 347-8034, or via email at sellner.matthew@epa.gov

Sincerely,

A handwritten signature in black ink, appearing to read "R. Gebken".

Richard Gebken
Product Manager 10
Invertebrate & Vertebrate Branch 2
Registration Division (7505P)
Office of Pesticide Programs

Enclosures: Master Label Stamped "Accepted," dated 03/20/2018

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

{BOOKLET FRONT PANEL LANGUAGE}

A118.02

[Alternate Brand Name: Braize 35 WSB, Reemit 35 WSB]

Insect Growth Regulator

GROUP	7C	INSECTICIDE
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ACTIVE INGREDIENT:	By Wt.
*Pyriproxyfen.....	35.0%
OTHER INGREDIENTS:	65.0%
TOTAL:	100.0%
*2-[1-methyl-2-(4-phenoxyphenoxy) ethoxy]pyridine	

A118.02 is a wettable powder formula containing 35% active ingredient.

Contains pyriproxyfen, the active ingredient used in [Seize® 35 WP] [and] [Esteem® 36 WP IGR].
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KEEP OUT OF REACH OF CHILDREN CAUTION

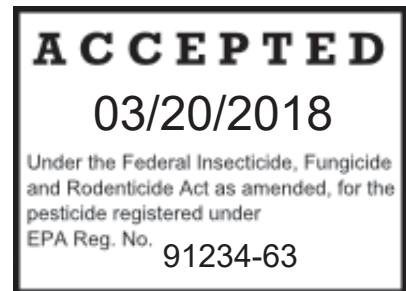
See inside label booklet for First Aid, Precautionary Statements and Directions for Use.

EPA Reg. No.: 91234-XX

EPA Est. No.:

Net Weight:

Manufactured For:
Atticus, LLC
501 Cascade Pointe Lane, Suite 102
Cary, NC 27513



[A118.02] is not manufactured, or distributed by Valent U.S.A. Corporation, seller of [Seize® 35 WP] [and] [Esteem® 36 WP IGR].

{LANGUAGE INSIDE BOOKLET}

FIRST AID	
If in eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none">• 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 further treatment advice.
If swallowed:	<ul style="list-style-type: none">• Call a 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 on skin or clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.• Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency medical assistance, call SafetyCall: 1-844-685-9173 . For chemical emergency: spill, leak, fire, exposure or accident, call CHEMTREC: 1-800-424-9300 .	

For Chemical Emergency

Spill, Leak, Fire, Exposure, or Accident

Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation. Harmful if inhaled, swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear:

- Long-sleeved shirt,
- Long pants,
- Socks plus shoes.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

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

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.

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

AGRICULTURAL USE REQUIREMENTS

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

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

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

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

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 the user, applicator and/or applicator advisor, to the extent allowable by applicable law.

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

RESISTANCE MANAGEMENT

For resistance management, A118.02 is a Group 7C Insecticide. Any insect/mite population may contain individuals naturally resistant to A118.02 and other Group 7C insecticides/acaricides. The resistant individuals may dominate the insect/mite population if this group of insecticide/acaricides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide/acaricide resistance, take the following steps:

- Rotate the use of A118.02 or other Group 7C insecticides/acaricides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides/acaricides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
 - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
 - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
 - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
 - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
 - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticides/acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact your Tacoma Ag, LLC representative.

Refer to specific crop sections for “Managing Insect Resistance” language applicable to that crop.

WATER SOLUBLE PACKAGING

[MULTIPLE PACKAGING

This bag contains multiple water-soluble packets of A118.02. Do not handle the packets with wet gloves or allow the packets to become wet prior to addition to spray tank. Do not break open packets. Refer to the Tables of Equivalents to calculate the number of packets to use. If all packets are not used, close and reseal outer container to protect remaining packet(s).]

[SINGLE PACKAGING

This bag contains one water soluble packet of A118.02. Do not handle the packet with wet gloves or allow the packet to become wet prior to addition to spray tank. Do not break open packet. Refer to the Table of Equivalents to calculate the number of packets to use. Open outer bag by pulling perforated tearstrip and drop the unopened inner packet of A118.02 into spray tank.]

TABLE OF EQUIVALENTS	
RATES OF A118.02 PER ACRE	# OF WATER SOLUBLE PACKETS TO TREAT 5 ACRES

	[ABN: 4 ACRES]
3 oz	3
4 oz	4
5 oz	5

PRODUCT INFORMATION

- Do not apply this product through any type of irrigation system.

A118.02 is intended for use in Integrated Pest Management (IPM) or Insect Resistance Management (IRM) programs. A118.02 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.

A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

ARTICHOKE (GLOBE)

[Not For Use in] [California] [New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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	2.5 to 3 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 specified rates. Only whole fields should be treated.
A118.02 may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.		
Restrictions:		
<ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 6 oz of A118.02 per acre per season. 		

PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
		<ul style="list-style-type: none"> Do not apply earlier than 14 days after last A118.02 treatment. Regardless of formulation, do not apply more than 0.134 lb pyriproxyfen per acre per season. 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 insect strains. To optimize resistance management practices, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using rates below 2.5 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 For Use in] [California] [New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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	2.5 to 3 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 specified rates. Only whole fields should be treated.
Restrictions: <ul style="list-style-type: none"> Do not apply within 7 days of harvest. Do not make more than 2 A118.02 applications per growing season. Do not exceed 6 oz of A118.02 per acre per season. Do not apply earlier than 14 days after last A118.02 treatment. Regardless of formulation, do not apply more than 0.134 lb pyriproxyfen per acre per season. 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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using rates below 2.5 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.

BANANAS AND PLANTAIN

[Not For Use in] [California] [New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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	4 to 5 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.
Restrictions:		
<ul style="list-style-type: none"> • Do not apply within 14 days of harvest. • Do not make more than 3 A118.02 applications per growing season. • Do not exceed 15 oz of A118.02 per acre per season. • Regardless of formulation, do not apply more than 0.327 lb pyriproxyfen per acre per season. • Do not apply earlier than 14 days after last A118.02 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 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, Atticus, LLC is restricting A118.02 to no more than three applications per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using

rates below 4 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 For Use in] [California] [New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 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
Bearberry Bilberry Blueberry, Lowbush Cloudberry Cranberry Lingonberry Muntries Partridgeberry Cultivars, varieties, and/or hybrids of these	Cherry Fruitworm Cranberry Fruitworm Lecanium Scale	5 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.
A118.02 may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs. Restrictions: <ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 10 oz of A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. 			

	<ul style="list-style-type: none"> Regardless of formulation, do not apply more than 0.218 pyriproxyfen per acre per season.
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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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 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)

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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 RATE PER ACRE	SPECIAL INSTRUCTIONS
Broccoli Broccoli Raab (rapini) Brussels Sprouts Cabbage Cauliflower Cavalo Broccolo Chinese Broccoli (gailon) Chinese Cabbage (bok choy and napa) Chinese Mustard (gai choy) Collards Kale Kohlrabi Mizuna Mustard Greens Mustard Spinach Rape Greens	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	2.5 to 3 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 or equivalent levels of immatures). Under severe pressure, use the higher specified rates. Only whole fields should be treated.
Restrictions: <ul style="list-style-type: none"> Do not apply within 7 days of harvest. Do not make more than 2 A118.02 applications per growing season. Do not exceed 6 oz A118.02 per acre per season. Do not apply earlier than 14 days after last A118.02 treatment. Regardless of formulation, do not apply more than 0.134 pyriproxyfen per acre per season. 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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using rates below 2.5 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)

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 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
Garlic Garlic, Great Headed Leek Onion, Dry Bulb Onion, Green Onion, Welsh Shallot	Onion Thrips Western Flower Thrip	2.5 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.
A118.02 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>Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 3 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 5 oz of A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.134 pyriproxyfen per acre per season. • 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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 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)

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 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	5 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>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.</p> <p>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>
<p>A118.02 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>Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 10 oz of A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.218 pyriproxyfen per acre per season. 			

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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 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 For Use in] [California] [New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 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	Cherry Fruitworm Cranberry Fruitworm Lecanium Scale	5 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.
	A118.02 may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs. Restrictions: <ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 10 oz of A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.218 pyriproxyfen per acre per season. 		

Red raspberry Thimbleberry Tulameen Yellow raspberry Wild raspberry Youngberry Cultivars, varieties, and/or hybrids of these	
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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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 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)

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 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
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	Black Scale Brown Soft Scale California Red Scale Florida Red Scale Snow Scale	5 oz	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. Apply any time prior to fruit becoming infested when scale is in the crawler stage. Thorough coverage is essential for good control. A118.02 may be applied with superior spray oils at ½ to 1%. Follow the manufacturer's directions and recommendations on timing and rates. NOTE: For scale apply only one application during emergence of scale crawlers per calendar year.
A118.02 may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs. Restrictions: <ul style="list-style-type: none"> • Do not apply within 1 day of harvest. • Do not make more than 1 A118.02 application per growing season. • Do not exceed 5 oz of A118.02 per acre per season. • Regardless of formulation, do not apply more than 0.134 pyriproxyfen per acre per season. 			
CROPS	PESTS	PRODUCT	SPECIAL INSTRUCTIONS

		RATE PER ACRE	
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	3 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.
	<p>A118.02 may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) programs and Insect Resistance Management (IRM) programs.</p> <p>Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 1 day of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 6 oz of A118.02 per acre per season. • Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per season. • Do not apply earlier than 21 days after last A118.02 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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 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

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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	2.5 to 3 oz Do not apply less than 2.5 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 growing season. 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 specified rates. Only whole fields should be treated.
Restrictions:		
<ul style="list-style-type: none"> • Do not apply within 28 days of harvest. • Do not make more than 1 A118.02 application per growing season. • Do not exceed 3 oz A118.02 per acre per season. • Regardless of formulation, do not apply more than 0.067 pyriproxyfen per acre per season. • Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after 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, Atticus, LLC is restricting A118.02 to no more than one application per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using rates below 2.5 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)

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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 RATE 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	2.5 to 3 oz Do not apply less than 2.5 fl ozs/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. 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 specified rates. Only whole fields should be treated.
Restrictions: <ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 6 oz of A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.134 pyriproxyfen per acre per season. • 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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using rates below 2.5 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)

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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 RATE 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 Tomatillo Tomato Tree Tomato Cultivars, varieties, and/or hybrids or these	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	2.5 to 3 oz Do not apply less than 2.5 oz/A of A118.02 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 MAY 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 specified rates. Only whole fields should be treated.
Tomato Tree Tomato Cultivars, varieties, and/or hybrids or these	Banded Wing Whitefly Cabbage Looper Green Peach Aphid Greenhouse Whitefly (immatures & adults) Silverleaf Whitefly Sweetpotato Whitefly Tobacco Hornworm	1.8 to 2.5 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. A118.02 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 label.
CROPS	PESTS	PRODUCT RATE 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	1.8 to 2.5 oz + Label specified amount of Danitol® 2.4 EC Spray	<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>A118.02 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>A118.02 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>Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 14 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 5 oz A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation do not apply more than 0.109 lb pyriproxyfen per acre per season. • Do not plan 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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using rates below 2.5 oz/A 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.

GRAPE

[Not For Use in New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 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 RATE PER ACRE	SPECIAL INSTRUCTIONS
Glassy-Winged Sharpshooter Grape Berry Moth Lecanium Scale	5 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>A118.02 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>Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 21 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 10 oz A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.218 pyriproxyfen per acre per season. 		

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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 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 For Use in] [California] [New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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 RATE 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	2.5 to 3 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 application when whiteflies reach threshold levels. Under severe pressure, use the higher specified rates. Treat only whole fields. Restrictions: <ul style="list-style-type: none"> • Do not apply within 1 (one) day of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 6 oz of A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation do not exceed 0.134 lb pyriproxyfen per acre per season. • Do not plant any crop other than those with registered A118.02 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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using rates below 2.5 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 For Use in] [California] [New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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 RATE 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	2.5 to 3 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 specified rates. Only whole fields should be treated.
Restrictions: <ul style="list-style-type: none"> • Do not apply within 14 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 6 oz A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.134 pyriproxyfen per acre per season. • 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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using rates below 2.5 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 For Use in] [California] [New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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 RATE 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	2.5 to 3 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 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 specified rates. Only whole fields should be treated.
Restrictions: <ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 5 oz A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.109 pyriproxyfen per acre per season. • 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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using rates below 2.5 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)

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect’s development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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 RATE 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	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	2.5 to 3 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 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 specified rates. Only whole fields should be treated.
	Restrictions: <ul style="list-style-type: none"> • [California only] [New York only] [not for use on soybeans] • Do not apply within 7 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 6 oz A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.134 pyriproxyfen per acre per season. 		

Broad Bean (fava) Chickpea (garbanzo) Guar Jackbean Lablab Bean Lentil Pea (Pisum): Dwarf Pea Edible-podded Pea English Pea Field Pea Garden Pea Green Pea Snowpea Sugar Snap Pea Pigeon Pea Soybean Sword Bean	<ul style="list-style-type: none"> • 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. • Do not use on legume vegetables varieties grown for livestock feed.
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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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using rates below 2.5 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.

OLIVE

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 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 RATE PER ACRE	SPECIAL INSTRUCTIONS
Black Scale San Jose Scale	4 to 5 oz	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. 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. Under heavy scale pressure, use the higher rate of A118.02.
A118.02 may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.		

Restrictions:

- Do not apply within 7 days of harvest.
- Do not make more than 2 A118.02 applications per growing season.
- Do not exceed 10 oz A118.02 per acre per season.
- Do not apply earlier than 14 days after last A118.02 treatment.
- Regardless of formulation, do not apply more than 0.218 pyriproxyfen per acre per season.

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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 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 For Use in] [California] [New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 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 RATE PER ACRE	SPECIAL INSTRUCTIONS
Cricket Grasshopper Locust	2.5 to 3 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 specified rates.

A118.02 may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs.

Restrictions:

- Do not make more than 2 A118.02 applications per growing season.
- Do not exceed 6 oz A118.02 per acre per season.
- Regardless of formulation, do not apply more than 0.134 pyriproxyfen per acre per season.
- Do not apply earlier than 14 days after last A118.02 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 with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 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 For Use in] [California] [New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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
Scale Whitefly	4 to 5 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 A118.02.</p>
<p>In-season sprays of A118.02 may not protect fruit from blemishes by scale.</p> <p>A118.02 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>Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 14 days of harvest. • Do not make more than 3 A118.02 applications per growing season. • Do not exceed 15 oz of A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.327 lb pyriproxyfen per acre per season. 		

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, Atticus, LLC is restricting A118.02 to no more than three applications per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using rates below 4 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.

PINEAPPLE

[Not For Use in] [California] [New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 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 RATE PER ACRE	SPECIAL INSTRUCTIONS
Black Scale Brown Soft Scale California Red Scale Florida Red Scale Snow Scale	5 oz	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. Apply any time prior to fruit becoming infested when scale is in the crawler stage. Application at the 2 nd or 3 rd generation of scale may result in excessive dead scale remaining on the fruit at harvest. Thorough coverage is essential for good control. A118.02 may be applied with superior spray oils at ½ to 1%. Follow the manufacturer's directions and recommendations on timing and rates.
<p>A118.02 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>Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 1 day of harvest. • Do not make more than 2 A118.02 applications per calendar year. • Do not exceed 5 oz of A118.02 per acre per season. • Do not apply earlier than 21 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.134 pyriproxyfen per acre per season. 		

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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 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)

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 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
<p>Apple Azarole Crabapple Loquat Medlar Mayhaw Quince Quince, Chinese Quine, Japanese Tejocote Cultivars, varieties, and/or hybrids of these</p>	<p>Codling Moth</p> <p>Suppression of: Pandemis Leafroller Obliquebanded Leafroller</p>	<p>4 to 5 oz</p>	<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>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 A118.02. Follow local recommendations regarding in-season use and rates of oil in your area.</p> <p>Obliquebanded and Pandemis Leafroller: Apply to the overwintering larvae at pink to petal fall tree growth stage. A118.02 does not directly control the larvae but inhibits normal pupation and adult emergence.</p>

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
	Florida Red Scale Lecanium Scale San Jose Scale	4 to 5 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>Apply at delayed dormant through pink. For delayed dormant use a superior spray oil at the manufacturer's recommended rate of oil.</p> <p>Under heavy scale pressure, use the higher rate of A118.02.</p> <p>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.</p>
CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Apple Azarole Crabapple Loquat Medlar Mayhaw 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	3 to 5 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 ½" 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	4 to 5 oz	Apply by ground with airblast equipment in 75 to 400 gals/A with a superior spray oil at

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
			<p>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 5 oz/A or make two applications from delayed dormant through petal fall stage of growth at 4 to 5 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	4 to 5 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>
CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
Pear Pear, Asian	Codling Moth Suppression of: Obliquebanded Leafroller Pandemis Leafroller	4 to 5 oz	<p>Apply by ground with airblast equipment in 100 to 400 gals/A.</p> <p>1st Generation Codling Moth: Apply at Biofix plus 100 degree days. Make a second application 14 to 21 days later or times to coincide with peak moth flights. For</p>

CROPS	PESTS	PRODUCT RATES PER ACRE	SPECIAL INSTRUCTIONS
			<p>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 A118.02. Follow local recommendations regarding in-season use and rates of oil in your area.</p> <p>For additional generations apply other insecticides registered for Codling Moth control.</p>
<p>A118.02 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>Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 45 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 10 oz of A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.218 lb pyriproxyfen per acre per season. 			

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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 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 For Use in] [California] [New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect’s development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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	4 to 5 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.
Restrictions: <ul style="list-style-type: none"> • Do not apply within 14 days of harvest. • Do not make more than 3 A118.02 applications per growing season. • Do not exceed 15 oz of A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.327 pyriproxyfen per acre per season. • 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, Atticus, LLC is restricting A118.02 to no more than three applications per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using rates below 4 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 For Use in] [California] [New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect’s development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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 RATE 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 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	2.5 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). Under severe pressure, use the higher specified rates. Only whole fields should be treated.
Restrictions: <ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 5 oz of A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.109 pyriproxyfen per acre per season. • 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 or insecticides with similar modes of action can lead to the buildup of resistant whitefly strains. To optimize resistance management practices, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using rates below 2.5 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 For Use in] [New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 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 *Not for use in CA	Scale Whitefly	5 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.
A118.02 may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs. Restrictions: <ul style="list-style-type: none"> • Do not apply within 30 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 10 oz of A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.218 pyriproxyfen per acre per season. 			

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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 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)

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 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
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	4 to 5 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 of A118.02. Peach Twig Borer: A118.02 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.
In-season sprays of A118.02 may not protect fruit from blemishes by scale. A118.02 may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management IPM and Insect Resistance Management (IRM) programs. Restrictions: <ul style="list-style-type: none"> • Do not apply within 14 days of harvest. • Do not make more than 3 A118.02 applications per growing season. • Do not exceed 15 oz of A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.327 lb pyriproxyfen per acre per season. 			

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, Atticus, LLC is restricting A118.02 to no more than three applications per growing season. A118.02 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 For Use in New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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	3 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). Under severe pressure, use the higher specified rates. Only whole fields should be treated.
Restrictions: <ul style="list-style-type: none"> • Do not apply within 2 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 6 oz A118.02 per acre per season. • Do not apply earlier than 30 days after last A118.02 treatment. • Do not plant any crop other than those with registered pyriproxyfen uses in treated areas sooner than 30 days after the last application. • Regardless of formulation, do not apply more than 0.134 pyriproxyfen per acre per season. 		

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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using rates below 3 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.

TREE NUTS (Crop Group 14)

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 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
Almond	Black Scale San Jose Scale Suppression of: Peach Twig Borer	4 to 5 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. A118.02 has provided good suppression of Peach Twig Borer when applied delayed dormant through bloom sprays.
	Restrictions: <ul style="list-style-type: none"> • Do not apply within 21 days of harvest. • Do not make more than 1 A118.02 application per growing season. • Do not exceed 5 oz of A118.02 per acre per season. • Regardless of formulation, do not apply more than 0.109 lb pyriproxyfen per acre per season. 		

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, Atticus, LLC is restricting A118.02 to no one application per growing season. A118.02 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 NUTES (Crop Group 14) - continued

CROPS	PESTS	PRODUCT RATE PER ACRE	SPECIAL INSTRUCTIONS
Beechnut Brazil Butternut Cashew Chestnut Chinquapin Filbert (Hazelnut) Hickory Macadamia Pecan Pistachio Walnut	Codling Moth Dusky Veined Aphid Walnut Aphid	5 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 A118.02. 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	4 to 5 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.
A118.02 may be mixed and/or alternated with commonly used insecticides to comply with local Integrated Pest Management (IPM) and Insect Resistance Management (IRM) programs. Restrictions:			

	<ul style="list-style-type: none"> • Do not apply within 21 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 10 oz of A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation do not apply more than 0.218 lb pyriproxyfen per acre per season.
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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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 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

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 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
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	5 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>A118.02 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>Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 14 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 10 oz of A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation do not apply more than 0.218 lb pyriproxyfen per acre per season. 			

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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 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 For Use in] [California] [New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 is an Insect Growth Regulator (IGR) and activity depends on the insect's development, evidence of activity will be slower than typical contact insecticides.

A118.02 does exhibit translaminar movement which means that A118.02 applied to the upper surfaces of the leaves will move to the lower surface 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	2.5 to 3 oz	<p>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.</p> <p>Begin applications when whiteflies reach threshold levels per University/Extension recommendations.</p> <p>Under severe pressure, use the higher specified rates.</p> <p>Only whole fields should be treated.</p>
<p>A118.02 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>Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 7 days of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 6 oz A118.02 per acre per season. • Do not apply earlier than 14 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.134 lb of pyriproxyfen per acre per season. • 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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Atticus, LLC also does not recommend using rates below 2.5 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 For Use in New York]

GENERAL: A118.02 acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. A118.02 has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since A118.02 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 RATE PER ACRE	SPECIAL INSTRUCTIONS
Black Scale Brown Soft Scale California Red Scale Florida Red Scale Snow Scale	5 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>A118.02 may be applied with superior spray oils at ½ 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>A118.02 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>Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 1 day of harvest. • Do not make more than 1 A118.02 application per growing season. • Do not exceed 5 oz of A118.02 per acre per season. • Regardless of formulation do not apply more than 0.134 lb pyriproxyfen per acre per season. 		
Citrus Black Fly Citrus Leafminer Citrus Whitefly	3 oz	<p>Apply with ground application 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 when pests are just beginning to build and before infestation has occurred. Thorough coverage is essential for good control.</p>
<p>A118.02 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>Restrictions:</p> <ul style="list-style-type: none"> • Do not apply within 1 day of harvest. • Do not make more than 2 A118.02 applications per growing season. • Do not exceed 6 oz of A118.02 per acre per season. • Do not apply earlier than 21 days after last A118.02 treatment. • Regardless of formulation, do not apply more than 0.134 lb of pyriproxyfen per acre per season. 		

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, Atticus, LLC is restricting A118.02 to no more than two applications per growing season. A118.02 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

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

PESTICIDE STORAGE

Store in a cool, dry place.
Keep pesticide in 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.

PESTICIDE DISPOSAL

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

CONTAINER HANDLING

Nonrefillable outer bag. Do not reuse or refill the outer bag. Completely empty bag into application equipment. Then dispose the empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Conditions of Sale and Limitation of Warranty and Liability

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials, resistant strains or other influencing factors in the use of the product, which are beyond the control of Atticus, LLC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Atticus, LLC and Seller harmless for any claims relating to such factors.

To the extent allowed by applicable laws, Atticus, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Atticus, LLC and Buyer and User assume the risk of any such use. TO THE EXTENT ALLOWABLE BY APPLICABLE LAW, ATTICUS, LLC MAKES NO WARRANTIES OR MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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[EPA approval date]