


66222-227

1/20/2011

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	<p align="center">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460</p>	<p>EPA Registration No. 66222-227</p>	<p>Date of Issuance: JAN 20 2011</p>
<p align="center">NOTICE OF PESTICIDE:</p> <p align="center"> <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration </p> <p align="center">(under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</p>		<p>Term of Issuance: Conditional Registration</p> <p>Name of Pesticide Product: Proxy 100 EC</p>	
<p>Name and Address of Registrant (include ZIP Code): Makhteshim-Agan of North America, Inc. 4515 Falls of Neuse Road, Suite 300 Raleigh, North Carolina 27609 USA</p>			
<p>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.</p>			
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(a) provided that:</p> <ol style="list-style-type: none"> 1. The basic Confidential Statement of Formula (CSF) dated July 17, 2010 is the basic CSF of record and supersedes all previously accepted CSFs. Alternate CSFs #1, #2, #3 and #4 dated July 13, 2010 are also acceptable. 2. Make the following changes to the label: <ol style="list-style-type: none"> a. Revise the EPA Registration Number to read: "EPA Registration No. 66222-227". b. Add a sub-statement with an asterisk stating "Contains petroleum distillates". c. Add "Combustible. Do not use of store near open flame." as the Physical and Chemical Hazards Statement due to the flash point. Please see 40 CFR Part 156.78. d. Revise the Hazards to Humans and Domestic Animals Statement to read: "Caution. Contains Petroleum distillate. Harmful if absorbed through skin. Harmful if inhaled. Harmful if swallowed. Avoid contact with skin, eyes, and clothing. Causes moderate eye irritation. Avoid breathing spray mists. Wear long-sleeved shirt and long-pants, socks, shoes, and chemical-resistant gloves, such as barrier laminate or Viton, selection category G." e. Add: "NOTE TO PHYSICIAN: May pose an aspiration pneumonia hazard. Contains petroleum distillate." to the "User Safety Recommendations". f. Remove the term "including but not limited to" from this label. This term was used in conjunction with many crops/crop groups listed on the label. All crops that may be sprayed with 			

this product must be listed plainly on the label where appropriate.

g. Cotton and Cucurbits and Fruiting Vegetables (Crop Group 8): Add the statement: "Do not apply less than 8 fluid oz. per acre" to the directions for use for each of these crops.

h. For Cranberry, Olive, Pawpaw, Small Fruit Vine Climbing Crops, (Except Grape) (Crop Group 13-07E); Stone Fruit (Crop Group 12), Tree Nuts (Crop Group 14); and Tropical and Sub-Tropical Fruit change "dormant cover spray" to "dormant spray"; and change "delayed dormant cover spray" to "delayed dormant spray".

i. For Berries (Crop Group 13) change "non-dormant spray" to "delayed dormant spray".

j. Change "Grapes" to "Grape".

k. Change "Olives" to "Olive".

l. For "Apples, Crabapple, Loquat, Mayhaw, Quince only" change "...Proxy 100 EC improves Codling Moth activity." to "...Proxy 100 EC improves Codling Moth control."

m. For "Pear, Oriental Pear only" change "...Proxy 100 EC improves Codling Moth activity." to "...Proxy 100 EC improves Codling Moth control."

- 3. All of the product chemistry data requirements for this product have been satisfied, except for OCSPP Guidelines 830.6317 and 830.6320, Storage Stability and Corrosion Characteristics studies, respectively. Within one-year of the date of this registration you must submit these data including interim reports made at 0, 3, 6, 9, and 12 month intervals.
- 4. You must submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data, and submit acceptable responses required for reregistration of your product under FIFRA section 4.
- 5. The acute toxicity profile for this product is as follows:

Route of Exposure	Toxicity Category
Acute oral toxicity	III
Acute dermal toxicity	III
Acute inhalation toxicity	III
Primary eye irritation	III
Primary skin irritation	III
Dermal sensitization	Negative

A stamped copy of the label and copies of the Data Evaluation Records (DERs) are included for your file. Two copies of the finished labeling must be submitted prior to releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. If you have any questions concerning this registration, please contact Kevin Sweeney at (703) 305-5063.

Signature of Approving Official:

Richard Geeken, Product Manager (10)
Registration Division, Insecticide Branch

Date:

JAN 20 2011

Proxy™ 100 EC

Insect Growth Regulator

ACTIVE INGREDIENT:	% BY WT.
*Pyriproxyfen.....	11.23%
OTHER INGREDIENTS:	88.77%
	TOTAL 100.00%

*(2-[1-methyl-2-(4-phenoxyphenoxy)ethoxy]pyridine)
Contains 0.86 pound ai per gallon.

EPA Reg. No. 66222-

EPA Est. No.

Manufactured for:
Makhteshim Agan of North America, Inc.
4515 Falls of Neuse Rd., Suite 300
Raleigh, NC 27609

NET CONTENTS: ___ Gallon(s)

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES:	<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 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 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 mouth-to-mouth if possible. • Call a poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact PROSAR at 1-877-250-9291 for emergency medical treatment information.</p>	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Caution. Causes skin and eye irritation. Do not get on skin, in eyes, or on clothing. 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. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

ACCEPTED
with COMMENTS
In EPA Letter Dated
JAN 20 2011

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 66222-227

Applicators and other handlers must wear:

- Coveralls over short-sleeved shirt and short pants or long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate or Viton \geq 14 mils
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or loading

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

USER SAFETY RECOMMENDATIONS**Users should:**

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, 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 beehives.

DIRECTIONS FOR USE

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

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

AGRICULTURAL USE REQUIREMENTS

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

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

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

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves such as barrier laminate or Viton \geq 14 mils
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure

PRODUCT INFORMATION

The active ingredient in Proxy 100 EC is an Insect Growth Regulator (IGR) that suppresses embryogenesis inside the egg, inhibiting metamorphosis and emergence as adults. While this product

has no effect on treated adults, any eggs laid by treated adults will be suppressed as well. Since Proxy 100 EC affects insect development and not adults, the impacts on insect populations will appear to be slower than control with typical of contact insecticides.

Proxy 100 EC exhibits translaminar movement, so applications made to the upper surfaces of leaves will reach the lower surfaces of the leaves. This is critical for control of whiteflies and other insects that tend to inhabit the undersides of leaves.

Because adult insects are not controlled by this product, Proxy 100 EC must be used as part of an Insect Resistance Management (IRM) program or Insect Pest Management (IPM) program and rotated or combined with other IRM or IPM products. For more information, contact your local Agricultural Extension Service agent.

RESISTANCE MANAGEMENT STATEMENTS

For resistance management purposes, Proxy 100 EC is a Group 7C insecticide. Any insect population may contain individuals naturally resistant to Proxy 100 EC and other Group 7C insecticides. The resistant individuals will dominate the insect population if these insecticides are used repeatedly and may not be controlled by Proxy 100 EC or other Group 7C insecticides. Consult local experts for resistance management strategies. The classification scheme is based on mode of action. It is recognized that resistance of insects and mites to insecticides and acaricides can also result from enhanced metabolism, reduced penetration, or behavioral changes that are not linked to any site of action classification but are specific for individual chemicals or chemical groupings. Despite this, alternation of compounds from different chemical classes remains a viable management technique.

To delay insecticide resistance:

- Avoid exclusive repeated use of insecticides from the same chemical subgroup.
- Integrate other control methods (chemical, cultural, biological) into insect control programs.

For further information, contact your local distributor.

Insect/Whitefly Resistance Management: If the same type of insecticides or products are deployed which share the same or similar modes of action, whitefly strains have a greater chance of developing resistance. In order to prevent this, users should employ resistance management strategies. The number of Proxy 100 EC applications allowed per season have been restricted by Makhteshim Agan of North America Inc. so that there must be no more than the listed number of applications per crop per growing season. Proxy 100 EC may be used in alternation with other pesticides containing other chemical classes or other Insect Growth Regulator products with modes of action that are dissimilar to Proxy 100 EC. For resistance management purposes, application rates per acre below the minimum expressed in each crop section must not be used as reduced rates may lead to greater resistance development among whitefly strains. Applicators must consult and adhere to all product labels and local, state, and federal recommendations for Insect Resistance Management (IRM) programs or in Insect Pest Management (IPM).

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 application advisor, to the extent consistent with applicable law. Read and follow the entire label of each product to be used in the tank mix with this product.

If a tank mixture is used, a compatibility test should be done before actual tank mixing. A jar test for physical compatibility is recommended for untried mixtures using proper ratios and mixing sequences of all ingredients to be included in the mixture. Once compatibility is confirmed for the tank mix, fill the tank half full with water or other carrier. Start and continue agitation throughout mixing following conventional

mixing order practices. Observe all restrictions and precautions which appear on the labels of these products.

CHEMIGATION STATEMENT

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

ARTICHOKE (GLOBE)

Apply Proxy 100 EC when the infestation of whiteflies reaches the threshold levels per University or Extension recommendations (e.g.; 3-5 adult whiteflies per leaf and/or equivalent levels of immature insects). Do not spot apply Proxy 100 EC. Applicators must ensure that whole fields are treated.

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
8-10	Silverleaf Whitefly Banded Wing Whitefly Greenhouse Whitefly Sweetpotato Whitefly Artichoke Plum Moth	If Proxy 100 EC is applied under severe pressure, use the higher rates. Ensure thorough and uniform coverage by using ground equipment and adequate water: 10 to 50 gal/A. Use of higher water volumes may improve control.

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than twice per growing season.
- Do not apply more than 20 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 7 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not plant crops in treated areas within 30 days of the most recent application except those crops registered for use with pyriproxyfen.
- Do not apply Proxy 100 EC with an adjuvant.
- Do not apply more than 0.134 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

ASPARAGUS

Apply Proxy 100 EC when the infestation of whiteflies reaches the threshold levels per University or Extension recommendations (e.g.; 3-5 adult whiteflies per leaf and/or equivalent levels of immature insects). Do not spot apply Proxy 100 EC. Applicators must ensure that whole fields are treated.

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
8-10	Whitefly	Ensure thorough and uniform coverage by applying with ground equipment in adequate water: 10 to 50 gal/A. Higher water volumes improve insect control with Proxy 100 EC. If Proxy 100 EC is applied under severe pest pressure, use the higher rates.

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than twice per growing season.
- Do not apply more than 20 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 7 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not plant crops in treated areas within 30 days of the most recent application except those crops with registered pyriproxyfen uses.
- Do not apply more than 0.134 lb ai of pyriproxyfen per acre per season regardless of formulation.
- Do not apply Proxy 100 EC with an adjuvant.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

BANANA AND PLANTAIN

Apply Proxy 100 EC when the infestation of whiteflies reaches the threshold levels per University or Extension recommendations (e.g.; 3-5 adult whiteflies per leaf and/or equivalent levels of immature insects). Do not spot apply Proxy 100 EC. Applicators must ensure that whole fields are treated.

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
13-16	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	Ensure thorough and uniform coverage by applying with ground/air equipment in adequate water. Ground equipment: 10 to 50 gal/A. Air equipment: 3 to 10 gal/A. Higher water volumes improve insect control with Proxy 100 EC.

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than 3 times per growing season.
- Do not apply more than 48 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 14 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not plant crops in treated areas within 30 days of the most recent application except those crops with registered pyriproxyfen uses.
- Do not apply more than 0.327 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

BERRIES (Crop Group 13)

Including but not limited to: Bingleberry; 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, Nectorberry, Olallieberry, Oregon Evergreen Berry, Phenomenalberry, Rangeberry, Ravenberry, Rossberry, Shawnee Blackberry, Youngberry, and varieties and/or hybrids of these; Blueberry; Currant; Elderberry; Gooseberry; Huckleberry; Juneberry; Ligonberry; Loganberry; Raspberry, (black and red); Salal

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
16	Cherry Fruitworm* Cranberry Fruitworm Lecanium Scale**	Apply as a full coverage spray with ground or air equipment Ground equipment: minimum 50 gal/A. Air equipment: minimum 5 gal/A. It is essential to use adequate water volume to ensure thorough coverage which is important for good pest control. *Fruitworms: Apply twice: 1. when egg laying begins. 2. at petal fall. An application of another insecticide in addition to Proxy 100 EC may be required at intervals of 10-14 days if crops are facing sustained moth flight or high population pressure. **Lecanium Scale: Apply as either: 1. dormant cover spray: use a spray oil (use producer's and local recommended oil rate); 2. non-dormant cover spray: use a spray oil (use producer's and local recommended oil rate); or 3. in-season cover spray: apply Proxy 100 EC when scale crawlers first emerge. Follow local recommendations as to in-season use rates.

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than 2 times per growing season.

- Do not apply more than 32 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 7 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not apply more than 0.218 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

BRASSICA LEAFY VEGETABLES (Crop Group 5)

Including but not limited to: Broccoli, Broccoli Raab (rapini), Brussels Sprouts, Cabbage, Cauliflower, Cavalo Broccolo, Chinese Broccoli (gai lon), Chinese Cabbage (bok choy and napa), Chinese Mustard (gai choy), Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens, Turnip Greens

Apply Proxy 100 EC when the infestation of whiteflies reaches the threshold levels per University or Extension recommendations (e.g.; 3-5 adult whiteflies per leaf and/or equivalent levels of immature insects). Do not spot apply Proxy 100 EC. Applicators must ensure that whole fields are treated.

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
8-10	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	Ensure thorough and uniform coverage by applying with ground/air equipment in adequate water: 10 to 50 gal/A. Higher water volumes improve insect control with Proxy 100 EC. If Proxy 100 EC is applied under severe pest pressure, use the higher rates.

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than 2 times per growing season.
- Do not apply more than 20 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 7 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not plant crops in treated areas within 30 days of the most recent application except those crops with registered pyriproxyfen uses.
- Do not apply more than 0.134 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

BULB VEGETABLES (Crop Group 3)

Including but not limited to: Garlic; Garlic, Great Headed; Leek; Onion, Dry Bulb; Onion, Green; Onion, Welsh; Shallot

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
8	Onion Thrips* Western Flower Thrips*	To suppress thrips, apply Proxy 100 EC with ground equipment. In order to ensure thorough and uniform coverage which is important for effective control, ensure the product is applied in adequate water volume: 20 to 50 gal/A. *Thrips: begin to apply Proxy 100 EC when thrips reach threshold levels in accordance with University or Extension recommendations.

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than 2 times per growing season.
- Do not apply more than 16 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 3 days of harvest.

- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not plant crops in treated areas within 30 days of the most recent application except those crops with registered pyriproxyfen uses.
- Do not apply more than 0.134 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

CITRUS (Crop Group 10)
(Including Ugli Fruit and White Sapote)

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
16	Black Scale Brown Soft Scale California Red Scale Florida Red Scale Snow Scale	It is essential to use adequate water volume to ensure thorough and uniform coverage for control. Apply Proxy 100 EC with ground equipment in 200 to 1500 gal/A depending on tree size. For scale: - apply Proxy 100 EC once only per year, during the emergence of scale crawlers, prior to fruit infestation. - applying Proxy 100 EC to the 2 nd and 3 rd generation of scale can result in large amounts of dead insects remaining on fruit. Proxy 100 EC may be combined with horticultural spray oils at 1/2 to 1%. Manufacturer's recommendations and directions on application rates and timing must be followed.
10	Citrus Black Fly Citrus Leafminer Citrus Whitefly	Apply Proxy 100 EC with ground equipment in 200 to 1500 gal/A. depending on tree size. Apply when insects are starting to build, prior to infestation.

- USE RESTRICTIONS AND PRECAUTIONS:**
- Do not apply Proxy 100 EC more than 2 times per growing season.
 - Do not apply more than 26 fl oz of Proxy 100 EC per acre per season.
 - Do not apply Proxy 100 EC within 1 day of harvest.
 - Do not apply Proxy 100 EC any less than 3 weeks (21 days) after last application.
 - Do not apply more than 0.134 lb ai of pyriproxyfen per season per acre regardless of formulation.
 - **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

COTTON

Apply Proxy 100 EC when the infestation of whiteflies reaches the threshold levels per University or Extension recommendations (e.g.; 3-5 adult whiteflies per leaf and/or equivalent levels of immature insects). Do not spot apply Proxy 100 EC. Applicators must ensure that whole fields are treated.

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
8-10	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	For uniform coverage, apply Proxy 100 EC with air or ground equipment in adequate water. By Ground: 10 to 50 gal/A. By Air: 3 to 10 gal/A. Higher water volumes improve insect control with Proxy 100 EC. If Proxy 100 EC is applied under severe pest pressure, use the higher rates.

- USE RESTRICTIONS AND PRECAUTIONS:**
- Do not apply Proxy 100 EC more than 1 time per growing season.
 - Do not apply more than 10 fl oz of Proxy 100 EC per acre per season.
 - Do not apply Proxy 100 EC within 28 days of harvest.

- Do not apply more than 0.067 lb ai of pyriproxyfen per season per acre regardless of formulation.
- Do not plant crops in treated areas within 30 days of the most recent application except those crops with registered pyriproxyfen uses.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

CRANBERRY

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
16	Cherry Fruitworm* Cranberry Fruitworm* Lecanium Scale**	<p>Apply as a full coverage spray with ground or air equipment. Air: minimum 5 gal/A. Ground: minimum 20 gal/A. Thorough and uniform coverage is essential to ensure adequate control.</p> <p>*Fruitworms: apply Proxy 100 EC: 1. at the beginning of egg laying; then, 2. at petal fall.</p> <p>Additional applications of another insecticide at 10- to 14-day intervals may be needed under high population pressure or sustained moth flight.</p> <p>An application of another insecticide in addition to Proxy 100 EC may be required at intervals of 10 to 14 days if crops are facing sustained moth flight or high population pressure.</p> <p>**Lecanium Scale: Apply as either: 1. dormant cover spray: use a spray oil (use producer's and local recommended oil rate); 2. delayed dormant cover spray: use a spray oil (use producer's and local recommended oil rate); or 3. in-season cover spray: apply Proxy 100 EC when scale crawlers first emerge. Follow local recommendations as to in-season use rates.</p>

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than 2 times per growing season.
- Do not apply more than 32 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 7 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not apply more than 0.218 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

CUCURBITS (Crop Group 9)

Including but not limited to: Balsam Apple, Balsam Pear, Bitter Melon, Cantaloupe, Chayote, Chinese Cucumber, Chinese Waxgourd, Citron Melon, Cucumber, Edible Gourd, Gherkin, *Momordica* spp., Muskmelon, Pumpkin, Summer Squash, Watermelon, Winter Squash

Apply Proxy 100 EC when the infestation of whiteflies reaches the threshold levels per University or Extension recommendations (e.g.; 3-5 adult whiteflies per leaf and/or equivalent levels of immature insects). Do not spot apply Proxy 100 EC. Applicators must ensure that whole fields are treated.

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
8-10	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly	For thorough and uniform coverage, apply Proxy 100 EC with air or ground equipment in adequate water. By Ground: 10 to 50 gal/A. By Air: 3 to 10 gal/A. Higher water volumes

	Sweetpotato Whitefly	improve insect control with Proxy 100 EC. If Proxy 100 EC is applied under severe pest pressure, use the higher rates.
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USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than 2 times per growing season.
- Do not apply more than 20 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 7 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not plant crops in treated areas within 30 days of the most recent application except those crops with registered pyriproxyfen uses.
- Do not apply more than 0.134 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

FRUITING VEGETABLES (Crop Group 8)

Including but not limited to: Eggplant, Ground Cherry, Okra, Pepino, Pepper, Tomatillo, Tomato

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
8-10	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	For uniform coverage, apply Proxy 100 EC with air or ground equipment in adequate water. By Ground: 10 to 50 gal/A. By Air: 3 to 10 gal/A. Higher water volumes improve insect control with Proxy 100 EC. Applications of Proxy 100 EC should commence when the infestation of whiteflies reaches the threshold levels per University or Extension recommendations (e.g.; 3-5 adult whiteflies per leaf and/or equivalent levels of immature insects). If Proxy 100 EC is applied under severe pest pressure, use the higher rates. Applicators must ensure that whole fields only are treated with Proxy 100 EC.

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than 2 times per growing season.
- Do not apply more than 20 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 1 day of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not plant crops in treated areas within 30 days of the most recent application except those crops with registered pyriproxyfen uses.
- Do not apply more than 0.109 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

GRAPES

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
16	Glassy-Winged Sharpshooter Grape Berry Moth Lecanium Scale*	To ensure control, thorough and uniform coverage with Proxy 100 EC is essential. To ensure coverage, apply the product in a sufficient volume of water. Apply with ground equipment as a full coverage spray: 50 to 200 gal/A. *Lecanium Scale: Apply as either: 1. dormant cover spray: use a spray oil (use producer's and local recommended oil rate); 2. delayed dormant cover spray: use a spray oil (use producer's and local recommended oil rate); or

		3. in-season cover spray: do not use oil. Apply Proxy 100 EC when scale crawlers first emerge. Follow local recommendations as to in-season use rates.
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USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than 2 times per growing season.
- Do not apply more than 32 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 21 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not apply more than 0.218 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

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

Including but not limited to: 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, Spinach, New Zealand; Spinach, Vine; Swiss Chard

Apply Proxy 100 EC when the infestation of whiteflies reaches the threshold levels per University or Extension recommendations. Do not spot apply Proxy 100 EC. Applicators must ensure that whole fields are treated.

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
8-10	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	Apply with ground equipment as a full coverage spray: 10 to 50 gal/A. Higher water volumes improve insect control with Proxy 100 EC. If Proxy 100 EC is applied under severe pest pressure, use the higher rates.

USE RESTRICTIONS

- Do not apply Proxy 100 EC more than twice per growing season.
- Do not apply more than 20 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 14 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not plant crops in treated areas within 30 days of the most recent application except those crops with registered pyriproxyfen uses.
- Do not apply Proxy 100 EC with an adjuvant.
- Do not apply more than 0.134 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

LEAVES OF ROOT AND TUBER VEGETABLES (Crop Group 2)

Including but not limited to: 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

Apply Proxy 100 EC when the infestation of whiteflies reaches the threshold levels per University or Extension recommendations (e.g.; 3-5 adult whiteflies per leaf and/or equivalent levels of immature insects). Do not spot apply Proxy 100 EC. Applicators must ensure that whole fields are treated.

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
8-10	Banded Wing Whitefly	For thorough and uniform coverage, apply Proxy 100 EC with

	Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	ground equipment: 10 to 50 gal/A. Higher water volumes improve insect control with Proxy 100 EC. If Proxy 100 EC is applied under severe pest pressure, use the higher rates.
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USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than twice per growing season.
- Do not apply more than 16 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 7 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not plant crops in treated areas within 30 days of the most recent application except those crops with registered pyriproxyfen uses.
- Do not apply Proxy 100 EC with an adjuvant.
- Do not apply more than 0.109 lb ai of pyriproxyfen per season per acre regardless of formulation.
- Do not allow grazing on treated areas.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

LEGUME VEGETABLES (Succulent or Dried)(Crop Group 6)

Legume Vegetables (any cultivar of Bean (*Phaseolus*), Field Pea (*Pisum*) and Soybean): Beans (*Lupinus*): Grain Lupin; Sweet Lupin; White Lupin; White Sweet Lupin; Beans (*Phaseolus*): Field Bean; Kidney Bean; Lima Bean; Navy Bean; Pinto Bean; Runner Bean; Snap Bean; Tepary Bean; Wax Bean; Bean (*Vigna*): Adzuki Bean; Asparagus Bean; Blackeyed Pea; Catjang; Chinese Longbean; Cowpea; Crowder Pea; Moth Bean; Mung Bean; Rice Bean; Urd Bean; Yardlong Bean; 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

Apply Proxy 100 EC when the infestation of whiteflies reaches the threshold levels per University or Extension recommendations (e.g.; 3-5 adult whiteflies per leaf and/or equivalent levels of immature insects). Do not spot apply Proxy 100 EC. Applicators must ensure that whole fields are treated.

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
8-10	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	To ensure good control, thorough and uniform coverage with Proxy 100 EC is essential. As an early season whitefly control program, Proxy 100 EC must be applied with ground equipment. To ensure uniform coverage with the product, ensure that Proxy 100 EC is applied in adequate water: 10 to 50 gal/A. If Proxy 100 EC is applied under severe pest pressure, use the higher rates.

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than twice per growing season.
- Do not apply more than 20 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 7 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not plant crops in treated areas within 30 days of the most recent application, except those crops with registered pyriproxyfen uses.
- Do not apply Proxy 100 EC on legume vegetable varieties that are to be used as feed for livestock.
- Do not apply more than 0.134 lb ai of pyriproxyfen per season per acre regardless of formulation.
- Do not allow grazing on treated areas.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

OLIVES

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
13-16	Black Scale San Jose Scale	Apply Proxy 100 EC using ground equipment in 100 to 400 gal/A. Apply the product in a sufficient volume of water for the tree size. Thorough and uniform coverage is essential. Apply as either: 1. dormant cover spray: use a spray oil (use producer's and local recommended oil rate); 2. delayed dormant cover spray: use a spray oil (use producer's and local recommended oil rate); or 3. in-season cover spray: do not use oil. Apply Proxy 100 EC when scale crawlers first emerge. Follow local recommendations as to in-season use rates. If Proxy 100 EC is applied under severe pressure, use the higher rates.

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than twice per growing season.
- Do not apply more than 32 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 7 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not apply more than 0.218 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

PASTURE GRASS AND RANGELAND

Apply Proxy 100 EC when the infestation of whiteflies reaches the threshold levels per University or Extension recommendations.

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
8-10	Cricket Grasshopper Locust	For thorough and uniform coverage, apply Proxy 100 EC with air or ground equipment in adequate water. By Ground: 10 to 50 gal/A. By Air: 3 to 10 gal/A. Higher water volumes improve insect control with Proxy 100 EC. If Proxy 100 EC is applied under severe pest pressure, use the higher rates.

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than twice per growing season.
- Do not apply more than 20 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not apply more than 0.134 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

PAWPAW

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
13-16	Scale* Whitefly	To ensure good control, thorough and uniform coverage with Proxy 100 EC is essential. To ensure thorough coverage, apply the product in a sufficient volume of water for the tree size. Apply with a higher water volume to ensure improved coverage.

		<p>Apply 100 to 400 gal/A of Proxy 100 EC with ground equipment.</p> <p>*Scale:</p> <p>Apply as either:</p> <ol style="list-style-type: none"> 1. dormant cover spray: use a spray oil (follow producer's and local recommended oil rate); 2. delayed dormant cover spray: use a spray oil (follow producer's and local recommended oil rate); or 3. in-season cover spray: do not use oil. Apply Proxy 100 EC when scale crawlers first emerge. <p>Note: In-season cover spray applications of Proxy 100 EC may not prevent blemishes to fruit caused by scales. Under heavy scale pressure, use the higher rate of Proxy 100 EC.</p>
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USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than three times per growing season.
- Do not apply more than 48 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 14 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not apply more than 0.327 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

PINEAPPLES

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
16	Black Scale Brown Soft Scale California Red Scale Florida Red Scale Snow Scale	<p>To ensure good control, thorough and uniform coverage with Proxy 100 EC is essential. To ensure thorough coverage, apply the product in a sufficient volume of water for the plant size.</p> <p>Apply 20 to 50 gal/A of Proxy 100 EC with ground equipment. For control of scale, good coverage is essential:</p> <ul style="list-style-type: none"> - apply Proxy 100 EC once only per year, during the emergence of scale crawlers, prior to fruit infestation. - applying Proxy 100 EC to the 2nd and 3rd generation of scale can result in large amounts of dead insects remaining on fruit. <p>Proxy 100 EC may be combined with horticultural spray oils at ½% to 1%. Manufacturer's recommendations and directions on application rates and timing must be followed.</p>

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than twice per growing season.
- Do not apply more than 32 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 1 day of harvest.
- Do not apply Proxy 100 EC any less than 3 weeks (21 days) after last application.
- Do not apply more than 0.134 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

POME FRUIT (Crop Group 11)

Including but not limited to: Apple, Crabapple, Loquat, Mayhaw, Pear, Oriental Pear, Quince

FLUID OUNCES	TARGET PESTS	ADDITIONAL INSTRUCTIONS
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PER ACRE		
Apple, Crabapple, Loquat, Mayhaw, Quince Only		
13-16	<p>Codling Moth*</p> <p>Suppression of: Obliquebanded Leafroller** Pandemis Leafroller**</p>	<p>Apply Proxy 100 EC by ground using airblast equipment in a minimum of 50 gal/A. To ensure good control, thorough coverage with Proxy 100 EC is essential. To ensure thorough coverage, apply the product in a sufficient volume of water.</p> <p>*1st Generation Codling Moth: - Apply Proxy 100 EC at Biofix plus 100 degrees days. This normally occurs near to petal fall). - Apply a second treatment of Proxy 100 EC 14 to 21 days after the first, or later. Alternatively, the second application can be made at the same time as peak moth flights. - If subsequent treatments are necessary, use other insecticides that are registered to control Codling Moth. - It has been shown that the addition of oil to Proxy 100 EC improves Codling Moth activity. When using oil, applicators must follow local recommendations for in-season use rates.</p> <p>**Obliquebanded and Pandemis Leafroller: - Note: Proxy 100 EC inhibits pupation and adult emergence; it does not directly control larvae. - Treat the over-wintering larvae with Proxy 100 EC at the pink to petal fall stage of the tree growth cycle.</p>
	<p>Florida Red Scale Lecanium Scale San Jose Scale</p>	<p>Apply Proxy 100 EC by ground using airblast equipment in a minimum of 50 gal/A. To ensure good control, thorough coverage with Proxy 100 EC is essential. To ensure thorough coverage, apply the product in a sufficient volume of water. To get in-season control of scale, apply Proxy 100 EC in cover sprays at the emergence of scale crawlers. It has been shown that the addition of oil to Proxy 100 EC improves control. When using oil, applicators must follow local recommendations for in-season use rates. Apply Proxy 100 EC at delayed dormant through pink. If applying Proxy 100 EC at delayed dormant, use a horticultural spray oil. Applicators must follow the rate recommended by the manufacturer. Use the higher rate of Proxy 100 EC if there is heavy pressure from scale.</p>
10-16	<p>Green Apple Aphid*** Rosy Apple Aphid** Spirea Aphid*** Spotted Tentiform Leafminer* Western Tentiform Leafminer*</p>	<p>Apply Proxy 100 EC by ground using with airblast equipment in a minimum of 50 gal/A. To ensure good control, thorough coverage with Proxy 100 EC is essential. To ensure thorough coverage, apply the product in a sufficient volume of water.</p> <p>*Leafminers: In order to control 1st or 2nd generation, apply Proxy 100 EC at peak moth flight. Peak moth flight normally takes place at pre-pink to pink apple stage for 1st generation. For 2nd generation, peak moth flight is normally at 2nd cover.</p> <p>**Rosy Apple Aphid: Apply Proxy 100 EC at the 1/2" green apple stage of growth.</p> <p>***Green Apple and Spirea Aphid: Apply Proxy 100 EC where aphids first appear, however, the application must be made before the aphids are colonized.</p> <p>Note: the timing of the application of Proxy 100 EC is crucial for effective control of aphids.</p>
Pear, Oriental Pear Only		
13-16	Pear Psylla	Apply Proxy 100 EC by ground using with airblast equipment with a horticultural spray oil in 75 to 400 gal/A. Follow

		<p>manufacturers recommended use rates relevant to the stage of growth at the time of application. To ensure good control, thorough coverage with Proxy 100 EC is essential. To ensure thorough coverage, apply the product in a sufficient volume of water. Treat with Proxy 100 EC during the delayed dormant to pink stage of growth as a single application treatment at 16 fl oz/A. Alternatively, make two treatments at 13 to 16 fl oz/A from the delayed dormant stage through to the petal fall stage of growth. Apply just prior to the period before sustained egg lay. Note: Do not spray alternate middle rows during treatment with Proxy 100 EC. If in-season pear psylla control is required, an insecticide registered for this purpose must be used.</p>
	<p>Lecanium Scale San Jose Scale</p>	<p>Apply Proxy 100 EC at the delayed dormant stage. Use airblast equipment to apply Proxy 100 EC in 100 to 400 gal/A with a horticultural oil. Follow the oil manufacturer's suggested rates. If there is heavy pressure from scale, utilize the higher rate of application. To ensure good control, thorough coverage with Proxy 100 EC is essential. To ensure thorough coverage, apply the product in a sufficient volume of water for the tree size. To get in-season control of scale, apply Proxy 100 EC at the emergence of scale crawlers in cover sprays. It has been shown that the addition of oil to Proxy 100 EC improves control. When using oil, applicators must follow local recommendations for in-season use rates.</p>
	<p>Codling Moth* Suppression of: Obliquebanded Leafroller Pandemis Leafroller</p>	<p>Use airblast equipment to apply Proxy 100 EC in 100 to 400 gal/A. *1st Generation Codling Moth: - Apply Proxy 100 EC at Biofix plus 100 degrees days. - Apply a second treatment of Proxy 100 EC 14 to 21 days after the first, or later. Alternatively, the second application can be made at the same time as peak moth flights. - If subsequent treatments are necessary, use other insecticides that are registered to control Codling Moth. - It has been shown that the addition of oil to Proxy 100 EC improves Codling Moth activity. When using oil, applicators must follow local recommendations for in-season use rates. - For later generations use other insecticides that are registered to control Codling Moth.</p>
<p>USE RESTRICTIONS AND PRECAUTIONS FOR ALL POME FRUIT:</p> <ul style="list-style-type: none"> • Do not apply Proxy 100 EC more than twice per growing season. • Do not apply more than 32 fl oz of Proxy 100 EC per acre per season. • Do not apply Proxy 100 EC within 45 days of harvest. • Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application. • Do not apply more than 0.218 lb ai of pyriproxyfen per season per acre regardless of formulation. • RESISTANCE MANAGEMENT: Refer to the RESISTANCE MANAGEMENT STATEMENTS section of this label for information on resistance management strategies. 		

POMEGRANATES

Apply Proxy 100 EC when the infestation of whiteflies reaches the threshold levels per University or Extension recommendations (e.g.; 3-5 adult whiteflies per leaf and/or equivalent levels of immature insects). Do not spot apply Proxy 100 EC. Applicators must ensure that whole fields are treated.

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
13-16	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	For thorough and uniform coverage, apply Proxy 100 EC with air or ground equipment in adequate water. By Ground: 10 to 50 gal/A. By Air: 3 to 10 gal/A. Higher water volumes improve insect control with Proxy 100 EC. If Proxy 100 EC is applied under severe pest pressure, use the higher rates.

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than 3 times per growing season.
- Do not apply more than 48 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 14 day of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not plant crops in treated areas within 30 days of the most recent application except those crops with registered pyriproxyfen uses.
- Do not apply more than 0.327 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

ROOT AND TUBER VEGETABLES (Crop Group 1)

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 (daikon); Rutabaga; Salsify; Salsify, Black; Salsify, Spanish; Skirret; Sweet Potato; Tanier; Turmeric; Turnip; Yam, Bean; Yam, True

Apply Proxy 100 EC when the infestation of whiteflies reaches the threshold levels per University or Extension recommendations (e.g.; 3-5 adult whiteflies per leaf and/or equivalent levels of immature insects). Do not spot apply Proxy 100 EC. Applicators must ensure that whole fields are treated.

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
8	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	For thorough and uniform coverage, apply Proxy 100 EC with ground equipment in adequate water: 20 to 50 gal/A. Higher water volumes improve insect control with Proxy 100 EC. If Proxy 100 EC is applied under severe pest pressure, use the higher rates.

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than twice per growing season.
- Do not apply more than 16 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 7 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not plant crops in treated areas within 30 days of the most recent application except those crops with registered pyriproxyfen uses.
- Do not allow grazing on treated areas.
- Do not apply more than 0.109 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

SMALL FRUIT VINE CLIMBING CROPS (EXCEPT GRAPE)(Crop Group 13-07E)
 Berry, Schisandra; Gooseberry; Grape, Amur River; Kiwifruit, Fuzzy; Kiwifruit, Hardy; Maypop
 and cultivars, varieties, and/or hybrids of these

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
16	Scale	<p>To ensure good control, thorough and uniform coverage with Proxy 100 EC is essential. To ensure thorough coverage, apply the product in a sufficient volume of water for the plant size. Apply Proxy 100 EC with air or ground equipment as a full coverage spray. By Ground: minimum 50 gal/A. By Air: minimum 5 gal/A.</p> <p>Apply either as:</p> <ol style="list-style-type: none"> 1. dormant cover spray: use a spray oil (follow producer's and local recommended oil rate); 2. delayed dormant cover spray: use a spray oil (follow producer's and local recommended oil rate); or 3. in-season cover spray: Apply Proxy 100 EC when scale crawlers first emerge. <p>Note: When used as an in-season cover spray, applicators must follow local recommendations for rates of oil applied in-season.</p> <p>If there is heavy pressure from scale, utilize the higher rate of application.</p>

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than 2 times per growing season.
- Do not apply more than 32 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 30 day of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not apply more than 0.218 lb ai of pyriproxyfen per season per acre regardless of formulation.
- Do not apply Proxy 100 EC with an adjuvant.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

STONE FRUIT (Crop Group 12)

Including but not limited to: Apricot, Cherry, Chickasaw Plum, Damson Plum, Fresh Prune, Japanese Plum, Nectarine, Peach, Plum, Plumcot, Prune

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
13-16	Lecanium Scale* San Jose Scale* Suppression of: Peach Twig Borer** Oriental Fruit Moth	<p>To ensure good control, thorough and uniform coverage with Proxy 100 EC is essential. To ensure thorough coverage, apply the product in a sufficient volume of water for the tree size. Apply with a higher water volume to ensure improved coverage.</p> <p>Apply Proxy 100 EC with ground equipment in 100 to 400 gal/A.</p> <p>*Scale: Apply as either:</p> <ol style="list-style-type: none"> 1. dormant cover spray: use a spray oil (follow producer's and local recommended oil rate); 2. delayed dormant cover spray: use a spray oil (follow producer's and local recommended oil rate); or 3. in-season cover spray.

		<p>If there is heavy pressure from scale, utilize the higher rate of Proxy 100EC. Proxy 100 EC applied as an in-season spray may not prevent blemishes to fruit caused by scale. **Peach Twig Borer: Proxy 100 EC has achieved good suppression when applied with boom sprays at the delayed dormant stage. Apply with a spray oil. Applicators must follow the manufacturer's recommended rate specific to the stage of growth.</p>
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USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than three times per growing season.
- Do not apply more than 48 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 14 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not apply more than 0.327 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

STRAWBERRIES

Apply Proxy 100 EC when the infestation of whiteflies reaches the threshold levels per University or Extension recommendations (e.g.; 3-5 adult whiteflies per leaf and/or equivalent levels of immature insects). Do not spot apply Proxy 100 EC. Applicators must ensure that whole fields are treated.

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
10	Banded Wing Whitefly Greenhouse Whitefly Silverleaf Whitefly Sweetpotato Whitefly	To ensure good control, thorough and uniform coverage with Proxy 100 EC is essential. Apply Proxy 100 EC as a full coverage spray with ground equipment: 100 to 400 gal/A. If Proxy 100 EC is applied under severe pest pressure, use the higher rates.

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than 2 times per growing season.
- Do not apply more than 20 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 2 days of harvest.
- Do not apply Proxy 100 EC any less than 30 days after last application.
- Do not plant crops in treated areas within 30 days of the most recent application except those crops with registered pyriproxyfen uses.
- Do not apply more than 0.134 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

TREE NUTS (Crop Group 14)

Including but not limited to: Almonds, Beechnut, Brazil, Butternut, Cashew, Chestnut, Chinquapin, Filbert (Hazelnut), Hickory, Macadamia, Pecan, Pistachio, Walnut

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
Almonds Only		
13-16	Black Scale* San Jose Scale* Suppression of: Peach Twig Borer**	To ensure good control, thorough and uniform coverage with Proxy 100 EC is essential. To ensure thorough coverage, apply the product in a sufficient volume of water for the tree size. Apply with a higher water volume to ensure improved coverage. Apply Proxy 100 EC with ground equipment in 100 to 400 gal/A.

		<p>*Scale: Apply as either: 1. dormant cover spray: use a spray oil (follow producer's and local recommended oil rate); 2. delayed dormant cover spray: use a spray oil (follow producer's and local recommended oil rate); or 3. in-season cover spray. Apply at the first emergence of crawlers. Applicators must follow local recommendations for rates of oil and in-season use in the area. **Peach Twig Borer: Proxy 100 EC has achieved good suppression when applied with boom sprays at the delayed dormant stage.</p>
<p>USE RESTRICTIONS AND PRECAUTIONS FOR ALMONDS:</p> <ul style="list-style-type: none"> Do not apply Proxy 100 EC more than 1 time per growing season. Do not apply more than 16 fl oz of Proxy 100 EC per acre per season. Do not apply Proxy 100 EC within 21 days of harvest. Do not apply more than 0.109 lb ai of pyriproxyfen per season per acre regardless of formulation. RESISTANCE MANAGEMENT: Refer to the RESISTANCE MANAGEMENT STATEMENTS section of this label for information on resistance management strategies. 		
<p>Beechnut, Brazil, Butternut, Cashew, Chestnut, Chinquapin, Filbert (Hazelnut), Hickory, Macadamia, Pecan, Pistachio, Walnut Only</p>		
<p>16</p>	<p>Codling Moth* Dusky Veined Aphid Walnut Aphid</p>	<p>Apply Proxy 100 EC with ground equipment in 100 to 400 gal/A. Note: To ensure good control, thorough coverage with Proxy 100 EC is essential. To ensure thorough coverage, apply the product in a sufficient volume of water for the tree size. *1st Generation Codling Moth: - Apply Proxy 100 EC at Biofix plus 100 degree days. - Apply a second treatment of Proxy 100 EC 14 to 21 days after the first, or later. Alternatively, the second application can be made at the same time as peak moth flights. - If subsequent treatments are necessary, use other insecticides that are registered to control Codling Moth. - It has been shown that the addition of oil to Proxy 100 EC improves Codling Moth activity. When using oil, applicators must follow local recommendations for in-season use rates.</p>
<p>13-16</p>	<p>Black Scale* Brown Soft Scale* Italian Scale* Lecanium Scale* San Jose Scale* Walnut Scale* Suppression of: Peach Twig Borer**</p>	<p>Apply Proxy 100 EC with ground equipment in 100 to 400 gal/A. If there is heavy pressure from scale, utilize the higher rate of application. Note: To ensure good control, thorough coverage with Proxy 100 EC is essential. To ensure thorough coverage, apply the product in a sufficient volume of water for the tree size. Apply with a higher water volume to ensure improved coverage. Scale: Apply as either: 1. dormant cover spray: use a spray oil (follow producer's and local recommended oil rate); 2. delayed dormant cover spray: use a spray oil (follow producer's and local recommended oil rate); or 3. in-season cover spray. Apply at the first emergence of crawlers. Applicators must follow local recommendations for rates of oil and in-season use in the area. When treating walnut or other oil sensitive crops, do not use a spray oil.</p>

USE RESTRICTIONS AND PRECAUTIONS FOR BEECHNUT, BRAZIL, BUTTERNUT, CASHEW, CHESTNUT, CHINQUAPIN, FILBERT (HAZELNUT), HICKORY, MACADAMIA, PECAN, PISTACHIO, WALNUT:

- Do not apply Proxy 100 EC more than 2 times per growing season.
- Do not apply more than 32 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 21 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not apply more than 0.218 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

TROPICAL & SUBTROPICAL FRUIT

Including but not limited to: 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

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
16	Scale	To ensure good control, thorough and uniform coverage with Proxy 100 EC is essential. To ensure thorough coverage, apply the product in a sufficient volume of water. Apply with ground or air equipment as a full coverage spray. By Air: 5 gal/A minimum. By Ground: 50 gal/A minimum. Apply as either: 1. dormant cover spray: use a spray oil (follow producer's and local recommended oil rate); 2. delayed dormant cover spray: use a spray oil (follow producer's and local recommended oil rate); or 3. in-season cover spray. Apply at the first emergence of crawlers. Applicators must follow local recommendations for rates of oil and in-season use in the area.

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than 2 times per growing season.
- Do not apply more than 32 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 14 days of harvest.
- Do not apply Proxy 100 EC any less than 2 weeks (14 days) after last application.
- Do not apply more than 0.218 lb ai of pyriproxyfen per season per acre regardless of formulation.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

WATERCRESS

Apply Proxy 100 EC when the infestation of whiteflies reaches the threshold levels per University or Extension recommendations. Do not spot apply Proxy 100 EC. Applicators must ensure that whole fields are treated.

FLUID OUNCES PER ACRE	TARGET PESTS	ADDITIONAL INSTRUCTIONS
8-10	Sharpshooters Whiteflies	To ensure good control, thorough coverage with Proxy 100 EC is essential. To ensure thorough coverage, apply the product in a sufficient volume of water. Apply Proxy 100 EC as a full coverage spray with ground or air equipment: 10 to 50 gal/A. If there is heavy pest pressure, use the higher application rate.

USE RESTRICTIONS AND PRECAUTIONS:

- Do not apply Proxy 100 EC more than 2 times per growing season.
- Do not apply more than 20 fl oz of Proxy 100 EC per acre per season.
- Do not apply Proxy 100 EC within 7 days of harvest.
- Do not apply Proxy 100 EC any less than 14 days after last application.
- Do not plant crops in treated areas within 30 days of the most recent application except those crops with registered pyriproxyfen uses.
- Do not apply more than 0.134 lb ai of pyriproxyfen per season per acre regardless of formulation.
- Do not apply Proxy 100 EC with an adjuvant.
- **RESISTANCE MANAGEMENT:** Refer to the **RESISTANCE MANAGEMENT STATEMENTS** section of this label for information on resistance management strategies.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool dry place 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 Container (five gallons or less): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

Refillable Container: Refillable container. Refill this container with pyriproxyfen only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES and LIMITATIONS OF LIABILITY.**

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Makhteshim Agan of North America, Inc. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Makhteshim Agan of North America, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Makhteshim Agan of North America, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Makhteshim Agan of North America, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Makhteshim Agan of North America, Inc.'s election, the replacement of product.

[EPA approval date]

