



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

59639-202

Date of Issuance:

5/27/15

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Zeal SC Miticide

Name and Address of Registrant (include ZIP Code):

Maya Ramsey
Valent U.S.A. Corporation
1600 Riviera Ave., Suite 200
Walnut Creek, CA 94596-8025

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:

Venus Eagle, Product Manager 01
Invertebrate-Vertebrate Branch 3, Registration Division (7505P)

Date:

5/27/15

2. Be aware that proposed data requirements have been identified in a Work Plan. 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
3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 59639-202.”
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 11/25/2013
- Alternate CSF 1 dated 11/20/2013

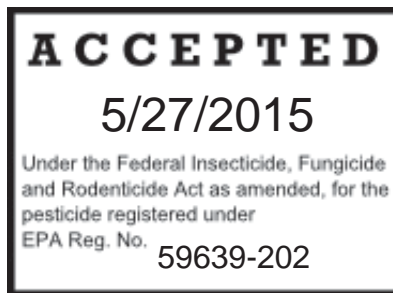
If you have any questions, please contact Jacquelyn Marchese by phone at 703-347-0559, or via email at marchese.jacquelyn@epa.gov.

Enclosure



GROUP 10B ACARICIDE

[Bracketed Information is Optional Text]



Zeal[®] SC Miticide

Active Ingredient	By Wt
Etoxazole*	31.7%
Other Ingredients	68.3%
Total	100.0%

*2-(2,6-difluorophenyl)-4-[4-(1,1-dimethylethyl)-2-ethoxyphenyl]-4,5-dihydrooxazole

Zeal[®] SC Miticide is a soluble concentrate containing 2.88 lb active ingredient etoxazole per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 59639-ENE
EPA Est. No.

NET CONTENTS [2.5] [5] GALLONS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact **800-892-0099** for emergency medical treatment information.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material and shoes plus socks.

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 freshwater and marine/estuarine aquatic invertebrates, including oysters and shrimp. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

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, 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 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: long sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material and shoes plus socks.

Always mix product thoroughly before use.

CHEMIGATION

RESTRICTION: Do not apply this product through any type of irrigation or chemigation system.

RESISTANCE MANAGEMENT

Zeal SC Miticide is a Group 10B acaricide. Mite biotypes with acquired resistance to Group 10B may eventually dominate the mite population if Group 10B acaricides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by *Zeal* SC Miticide or other Group 10B acaricides.

To delay mite resistance consider:

- Avoiding the consecutive use of *Zeal* SC Miticide or other Group 10B acaricides that have a similar target site of action, on the same mite species.
- Using tank mixtures or premixes with insecticides from different target site of action Group as long as such products are registered for the same use and have different sites of action.
- Basing acaricide use on a comprehensive Integrated Pest Management (IPM) program.
- Monitoring treated mite populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors and/or manufacturer for acaricide resistance management and/or IPM recommendations for specific site and resistant pest problems.

Follow local, state and federal IPM and Resistance Management (RM) recommendations. Read and follow all product labels before applying any miticide.

For further information or to report suspected resistance, you may contact Valent U.S.A. Corporation at the following toll-free number: 800-682-5368.

TANK MIXES

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

Read and follow the most restrictive label language found on each product to be used in the tank mix with this product.

CANEBERRY [(Subgroup 13-07A)]

Blackberry; Loganberry; Raspberry, Black; Raspberry, Red; Raspberry, Wild; Cultivars varieties and/or hybrids of these

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
European Red Spider Mite McDaniel Spider Mite Two-spotted Spider Mite Yellow Spider Mite	4.0 to 6.0	6.0	1	0

*Pre-Harvest Interval

Do not apply more than 0.135 lb of ai/A per calendar year.

USE INSTRUCTIONS

Apply by ground as a full coverage spray in a minimum of 50 gals/A of water. Applications of *Zeal* SC Miticide must be done using enough carrier (water) to ensure thorough coverage of the crop's vegetative and reproductive parts, which mites are using for dispersal, feeding and reproduction. Use higher water volumes on older trees and varieties that have more compact and dense foliage. Higher volumes of water coupled with well calibrated equipment will help to provide better coverage.

Best results are achieved when mite populations are low. *Zeal* SC Miticide is predominately an ovicide/larvicide. Apply *Zeal* SC Miticide at or prior to threshold for your area but not greater than the maximum rate listed.

Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to *Zeal* SC Miticide or other acaricides.

FIELD CORN, POPCORN, CORN (Grown For Seed Production)

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
Banks Grass Mite ¹ Carmine Spider Mite Pacific Spider Mite Strawberry Spider Mite Two-spotted Spider Mite	2.0 to 6.0	6.0	2	21

***Pre-Harvest Interval**

Do not apply more than 0.27 lb ai/A per calendar year.

USE INSTRUCTIONS

Apply with [air or] ground equipment in adequate water for uniform coverage ([a minimum of 3 gals/A by air or] a minimum of 10 gals/A [by ground]). Coverage is essential for good control. Use of higher water volume will assure better coverage. Applications of *Zea/ SC* Miticide are recommended before tasseling stage to allow good coverage and provide better control.

For field corn utilized for seed production apply *Zea/ SC* Miticide before or at tasseling growth stage. If a second application is needed wait for 14 days to re-treat with *Zea/ SC* Miticide.

Best results are achieved when mite populations are below threshold or beginning to build up on the plants. *Zea/ SC* Miticide is predominately an ovicide/larvicide and should be used early in the life cycle of mites. Always follow the recommended threshold for your area.

Do not use rates below 2.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

Restriction: Do not apply treatments less than 14 days apart.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to *Zea/ SC* Miticide or other acaricides.

¹ Applications targeting exclusively Banks grass mites may require higher rates particularly if populations have exceeded the established threshold in the fields to be treated with *Zea/ SC* Miticide. Also, under extreme drought conditions and higher populations Banks grass mites might require more than one application of a miticide.

COTTON				
Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
Carmine Spider Mite Pacific Spider Mite Two-spotted Spider Mite	1.33 to 2.0	2.0	1	28
<p>*Pre-Harvest Interval</p> <p>Do not apply more than 0.09 lb ai/A per calendar year.</p> <p>USE INSTRUCTIONS</p> <p>Apply with air or ground equipment in adequate water for uniform coverage (3 to 10 gals/A by air or 10 to 50 gals/A by ground). Coverage is essential for good control. Use of higher water volume will assure better coverage.</p> <p>Best results are achieved when mite populations are low. <i>Zea/ SC</i> Miticide is predominately an ovicide/larvicide and should be used early in the life cycle of mites. Apply <i>Zea/ SC</i> Miticide at or prior to threshold for your area but not greater than the maximum rate listed.</p> <p>Do not use rates below 1.33 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.</p> <p>See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to <i>Zea/ SC</i> Miticide or other acaricides.</p>				

CUCURBIT VEGETABLES

Acorn Squash; Balsam Apple; Balsam Pear; Bittermelon; Butternut Squash; Calabaza Squash; Cantaloupe; Chayote (fruit); Chinese Cucumber; Chinese Okra; Chinese Waxgourd (Chinese Preserving Melon); Citron Melon; Cucumber; Cucuzza; Gherkin; Gourd, Edible; Hechima; Hubbard Squash; Hyotan; *Momordica* spp.; Muskmelon; Pumpkin; Spaghetti Squash; Summer Squash; Watermelon; Winter Squash

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
Two-spotted Spider Mite Carmine Spider Mite Pacific Spider Mite Strawberry Spider Mite	4.0 to 6.0	6.0	1	7

***Pre-Harvest Interval**

Do not apply more than 0.135 lb ai/A per calendar year.

USE INSTRUCTIONS

Apply with [air or] ground equipment in adequate water for uniform coverage ([a minimum of 3 gals/A by air or] a minimum of 10 gals/A [by ground]). Coverage is essential for good control. Use of higher water volume will assure better coverage.

Applications of *Zeal* SC Miticide must be made using enough carrier (water) to ensure thorough coverage of the crop's vegetative and reproductive parts, which mites use for dispersal, feeding and reproduction. Use higher water volumes on more mature plants and varieties that have more compact and dense foliage. Higher volumes of water coupled with well calibrated equipment will help to provide better coverage.

Best results are achieved when mite populations are low. *Zeal* SC Miticide is predominately an ovicide/larvicide. Apply *Zeal* SC Miticide at or prior to threshold for your area but not greater than the maximum rate listed.

Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to *Zeal* SC Miticide or other acaricides.

HOPS

Pests	Product Rate fl oz/Acre	Maximum Rate per Application fl oz/Acre	Maximum Applications per Season	PHI* Days
Two-spotted Spider Mite	6.0 to 8.0	8.0	1	7

*Pre-Harvest Interval

Do not apply more than 0.18 lb ai/A per calendar year.

USE INSTRUCTIONS

Apply with ground equipment in a minimum of 50 gals/A of water. Coverage is essential for good control. Use of higher water volume will assure better coverage.

Best results are achieved when mite populations are low. *Zeal* SC Miticide is predominately an ovicide/larvicide. Apply *Zeal* SC Miticide at or prior to threshold for your area but not greater than the maximum rate listed.

Do not use rates below 6.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to *Zeal* SC Miticide or other acaricides.

LOW GROWING BERRY [(Subgroup 13-07G)]

Bearberry; Bilberry; Blueberry, Lowbush; Cloudberry; Cranberry; Lingonberry; Muntries; Partridgeberry; Strawberry; Cultivars, varieties, and/or hybrids of these

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
European Red Mite Pacific Spider Mite Two-spotted Spider Mite	4.0 to 6.0	6.0	1	1

*Pre-Harvest Interval

Do not apply more than 0.135 lb ai/A per calendar year.

USE INSTRUCTIONS

Apply with ground equipment in a minimum of 100 gals/A of water. Coverage is essential for good control. Use of higher water volume will assure better coverage.

Best results are achieved when mite populations are low. *Zea/ SC* Miticide is predominately an ovicide/larvicide and should be used early in the life cycle of mites. Apply *Zea/ SC* Miticide at or prior to threshold for your area but not greater than the maximum rate listed.

Zea/ SC Miticide will not control Cyclamine Mite. Another miticide registered for this pest should be used if these mites are a problem.

Do not use rates below 4.0 oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to *Zea/ SC* Miticide or other acaricides.

TANK MIX INSTRUCTIONS FOR LOW GROWING BERRY [(Subgroup 13-07G)]				
Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
Two-spotted Spider Mite	4.0 to 6.0 + 10 2/3 fl oz Danitol® 2.4 EC Insecticide (0.2 lb ai/A)	6.0	1	1
<p>*Pre-Harvest Interval</p> <p>USE INSTRUCTIONS Comply with the most restrictive directions for use restrictions and precautions on both labels.</p> <p>Apply with ground equipment in adequate water for uniform coverage (using a minimum of 100 gals/A).</p> <p>Alternate with other non-pyrethroid insecticides if retreatment is needed in less than 30 days to comply with local IPM programs.</p> <p>See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to <i>Zeal</i> SC Miticide or other acaricides.</p>				

MINT (Peppermint and Spearmint)				
Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
Pacific Spider Mite Strawberry Spider Mite Two-spotted Spider Mite	4.0 to 8.0	8.0	1	7
<p>*Pre-Harvest Interval</p> <p>Do not apply more than 0.36 lb ai/A per calendar year.</p> <p>USE INSTRUCTIONS</p> <p>Apply with [air or] ground equipment in adequate water for uniform coverage (minimum of [10 gals/A by air or] 50 gals/A [by ground]). Coverage is essential for good control. Use of higher water volume will assure better coverage.</p> <p>Best results are achieved when mite populations are low. <i>Zea/ SC Miticide</i> is predominately an ovicide/larvicide. Apply <i>Zea/ SC Miticide</i> at or prior to threshold for your area but not greater than the maximum rate listed.</p> <p>Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.</p> <p>See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to <i>Zea/ SC Miticide</i> or other acaricides.</p>				

PEPPER AND EGGPLANT [(Subgroup 8-10B)]

African Eggplant; Bell Pepper; Eggplant; Martynia; Non-Bell Pepper; Okra; Pea Eggplant; Pepino; Roselle; Scarlet Eggplant; Cultivars, varieties and/or hybrids of these

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
Two-spotted Spider Mite	4.0 to 6.0	6.0	1	7

***Pre-Harvest Interval**

Do not apply more than 0.27 lb ai/A per calendar year.

USE INSTRUCTIONS

Apply with ground equipment in a minimum of 20 gals/A of water. Applications of *Zea/ SC Miticide* must be made using enough carrier (water) to ensure thorough coverage of the crop's vegetative and reproductive parts, which mites use for dispersal, feeding and reproduction. Use higher water volumes on more mature plants and varieties that have more compact and dense foliage. Higher volumes of water coupled with well calibrated equipment will help to provide better coverage.

Best results are achieved when mite populations are low. *Zea/ SC Miticide* is predominately an ovicide/larvicide. Apply *Zea/ SC Miticide* at or prior to threshold for your area but not greater than the maximum rate listed.

Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to *Zea/ SC Miticide* or other acaricides.

POME FRUIT [(Crop Group 11)]				
Apple; Crabapple; Loquat; Mayhaw; Pear; Pear, Asian; Quince				
Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
European Red Mite McDaniel Spider Mite Pacific Spider Mite Two-spotted Spider Mite	4.0 to 6.0	6.0	1	14
*Pre-Harvest Interval				
Do not apply more than 0.27 lb ai/A per calendar year.				
USE INSTRUCTIONS				
Apply by ground with airblast equipment in a minimum of 100 gals/A. Coverage is essential for good control. Use of higher water volume will assure better coverage.				
Best results are achieved when mite populations are low. <i>Zeal</i> SC Miticide is predominately an ovicide/larvicide and should be used early in the life cycle of mites. Apply <i>Zeal</i> SC Miticide at or prior to threshold for your area but not greater than the maximum rate listed.				
<i>Zeal</i> SC Miticide will not control Rust Mites or Blister Mites. If these pests are a problem, use an alternative miticide registered for that use.				
Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.				
See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to <i>Zeal</i> SC Miticide or other acaricides.				

SMALL FRUIT VINE CLIMBING, EXCEPT FUZZY KIWIFRUIT [(Subgroup 13-07 F)]

Amur River Grape; Gooseberry; Grape; Kiwifruit, Hardy; Maypop; Schisandra Berry; Cultivars, varieties, and/or hybrids of these

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
European Red Mite Pacific Spider Mite Two-spotted Spider Mite Willamette Mite	4.0 to 6.0	6.0	1	14

***Pre-Harvest Interval**

Do not apply more than 0.135 ai/A per calendar year.

USE INSTRUCTIONS

Apply by ground as a full coverage spray in a minimum of 25 gals/A of water. Coverage is essential for good control. Use of higher water volume will assure better coverage.

Best results are achieved when mite populations are low. *Zea/ SC* Miticide is predominately an ovicide/larvicide and should be used early in the life cycle of mites. Apply *Zea/ SC* Miticide at or prior to threshold for your area but not greater than the maximum rate listed.

Zea/ SC Miticide will not control Rust Mites or Blister Mites. If these pests are a problem, use an alternative miticide registered for that use.

Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to *Zea/ SC* Miticide or other acaricides.

STONE FRUIT [(Crop Group 12)]

Apricot; Cherry (sweet and tart); Nectarine; Peach; Plum; Plum, Chickasaw; Plum, Damson; Plum, Japanese; Plumcot; Prune (fresh)

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
European Red Mite Pacific Spider Mite Two-spotted Spider Mite	4.0 to 6.0	6.0	1	7

***Pre-Harvest Interval**

Do not apply more than 0.27 lb ai/A per calendar year.

USE INSTRUCTIONS

Apply with ground equipment in a minimum of 50 gals/A of water. Coverage is essential for good control. Use of higher water volume will assure better coverage.

Best results are achieved when mite populations are low. *Zeal* SC Miticide is predominately an ovicide/larvicide. Apply *Zeal* SC Miticide at or prior to threshold for your area but not greater than the maximum rate listed.

Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to *Zeal* SC Miticide or other acaricides.

TREE NUTS

Almond; Beech Nut; Brazil Nut; Butternut; Cashew; Chestnut; Chinquapin; Filbert (Hazelnut); Hickory Nut; Macadamia Nut; Pecan; Pistachio; Walnut (Black and English)

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
European Red Mite Pacific Spider Mite Two-spotted Spider Mite	4.0 to 6.0	6.0	1	28

*Pre-Harvest Interval

Do not apply more than 0.135 lb ai/A per calendar year.

USE INSTRUCTIONS

Apply by ground with airblast equipment as a full coverage spray.

Best results are achieved when mite populations are low. *Zeal* SC Miticide is predominately an ovicide/larvicide. Apply *Zeal* SC Miticide at or prior to threshold for your area but not greater than the maximum rate listed.

Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to *Zeal* SC Miticide or other acaricides.

NON-BEARING FRUIT TREES				
Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI*
European Red Mite McDaniel Spider Mite Pacific Spider Mite Two-spotted Spider Mite	4.0 to 6.0	6.0	1	One Year
<p>*Pre-Harvest Interval</p> <p>Do not apply more than 0.135 lb ai/A per calendar year.</p> <p>USE INSTRUCTIONS Apply by ground with airblast equipment as a full coverage spray.</p> <p>Best results are achieved when mite populations are low. <i>Zeal</i> SC Miticide is predominately an ovicide/larvicide. Apply <i>Zeal</i> SC Miticide at or prior to threshold for your area but not greater than the maximum rate listed.</p> <p>Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.</p> <p>See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to <i>Zeal</i> SC Miticide or other acaricides.</p>				

TROPICAL AND SUB-TROPICAL FRUIT (INEDIBLE PEEL)

Avocado; Canistel; Mango; Papaya; Sapodilla; Sapote, Black; Sapote, Mamey; Star Apple

Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season	PHI* Days
Avocado Brown Mite Persea Mite Two-spotted Spider Mite	4.0 to 6.0	6.0	1	1

*Pre-Harvest Interval

Do not apply more than 0.135 lb ai/A per calendar year.

USE INSTRUCTIONS

Apply with [air or] ground equipment in adequate water for uniform coverage ([minimum 20 gals/A by air or] minimum 50 gals/A [by ground]). Applications of *Zeal* SC Miticide must be made using enough carrier (water) to ensure thorough coverage of the crop's vegetative and reproductive parts, which mites use for dispersal, feeding and reproduction. Use higher water volumes on more mature plants and varieties that have more compact and dense foliage. Higher volumes of water coupled with well calibrated equipment will help to provide better coverage.

Best results are achieved when mite populations are low. *Zeal* SC Miticide is predominately an ovicide/larvicide. Apply *Zeal* SC Miticide at or prior to threshold for your area but not greater than the maximum rate listed.

Do not use rates below 4.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to *Zeal* SC Miticide or other acaricides.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Keep pesticide in original container.

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

Store in cool, dry place.

Do not store diluted spray.

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

PESTICIDE DISPOSAL

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

CONTAINER HANDLING

Nonrefillable container. Do not reuse or refill this container. 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. Offer for recycling, if available; otherwise dispose of in a sanitary landfill.

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

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

RISKS OF USING THIS PRODUCT

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product, which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND TO THE FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

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

LIMITED WARRANTY

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

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PROMPT NOTICE OF CLAIM

Valent must be provided with prompt notice of any claim so that an immediate inspection of the affected property or plants can be made. To the extent applicable law allows such requirement, notice of a claim shall be given promptly to Valent, whether the claim is based on contract, negligence, strict liability, or other tort or otherwise be barred from any remedy.

NO AMENDMENTS

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

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Manufactured for:

Valent U.S.A. Corporation

P.O. Box 8025

Walnut Creek, CA 94596-8025

(800)-6-VALENT (682-5368)

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