



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 15, 2016

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

Subject: PRIA Label Amendment – Adding New Food Use on Soybeans
Product Name: Etoxazole Technical, Zeal SC Miticide
EPA Registration Number: 59639-107, 59639-202
Petition Number: 5F8398
Application Date: 08/14/2015
Decision Number: 508309, 508310, 508312

Dear Ms. Ramsey:

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable under FIFRA Section 3(c)(7)(B), subject to the following conditions:

1. You must submit and/or cite all data required for registration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.
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://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its' implementing regulation at 40 CFR 152.3.

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.

Your release for shipment of the product constitutes acceptance of these conditions. If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). If you have any questions, please contact Marianne Lewis by phone at (703) 308-8043 or via email at lewis.marianne@epa.gov.

Sincerely,



Meredith F. Laws
Branch Chief
Invertebrate & Vertebrate Branch 3
Registration Division (7505P)
Office of Pesticide Programs

Enclosure



ACCEPTED

Jul 15, 2016

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 59639-202

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. 59639-202
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, shoes and socks, and chemical-resistant gloves made out of: barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride ≥ 14 mils, or viton ≥ 14 mils.

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

USER SAFETY RECOMMENDATIONS

Users should:

- 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 instructions and exceptions pertaining to the statements on the 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: long sleeved shirt and long pants, shoes and socks, and chemical-resistant gloves.

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.

It is the pesticide user's responsibility to ensure that all products in the mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture.

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

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.

Treat 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, do not exceed the maximum rate per year.

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

Restrictions

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

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

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.

Treat 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 exceed the maximum rate per year.

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

Restrictions

- Do not apply more than 0.27 lb ai/A per calendar year.
- 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.
- Do not apply treatments less than 14 days apart.
- Do not apply by air in New York.

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>USE INSTRUCTIONS 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>Treat when mite populations are low. <i>Zea/ SC Miticide</i> is predominately an ovicide/larvicide and should be used early in the life cycle of mites. Apply <i>Zea/ SC Miticide</i> at or prior to threshold for your area, do not exceed the maximum rate per year.</p> <p>See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to <i>Zea/ SC Miticide</i> or other acaricides.</p> <p>Restrictions</p> <ul style="list-style-type: none"> • Do not apply more than 0.09 lb ai/A per calendar year. • 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. 				

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

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.

Treat 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, do not exceed the maximum rate per year.

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

Restrictions

- Do not apply more than 0.135 lb ai/A per calendar year.
- 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.
- Do not apply by air in New York.

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

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.

Treat 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, do not exceed the maximum rate per year.

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

Restrictions

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

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

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.

Treat 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, do not exceed the maximum rate per year.

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

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

Restrictions

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

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

*Pre-Harvest Interval

USE INSTRUCTIONS

Comply with the most restrictive directions for use, restrictions and precautions on both labels.

Apply with ground equipment in adequate water for uniform coverage (using a minimum of 100 gals/A).

Alternate with other non-pyrethroid insecticides if retreatment is needed in less than 30 days to comply with local IPM programs.

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

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
*Pre-Harvest Interval				
<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>Treat 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, do not exceed the maximum rate per year.</p> <p>See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to <i>Zeal</i> SC Miticide or other acaricides.</p> <p>Restrictions</p> <ul style="list-style-type: none"> • Do not apply more than 0.36 lb ai/A per calendar year. • 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. • Do not apply by air in New York. 				

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

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.

Treat 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, do not exceed the maximum rate per year.

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

Restrictions

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

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				
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.				
Treat 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, do not exceed the maximum rate per year.				
<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.				
See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to <i>Zeal</i> SC Miticide or other acaricides.				
Restrictions				
<ul style="list-style-type: none"> • Do not apply more than 0.27 lb ai/A per calendar year. • 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. 				

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

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.

Treat when mite populations are low. *Zeal* SC Miticide is predominately an ovicide/larvicide and should be used early in the life cycle of mites. Apply *Zeal* SC Miticide at or prior to threshold for your area, do not exceed the maximum rate per year.

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

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

Restrictions

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

SOYBEAN			
Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season
Two-spotted Spider Mite and any other species belonging to the spider mite family (Tetranychidae)	2.0 to 6.0	6.0	1
<p>USE INSTRUCTIONS</p> <p>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 volumes will assure better coverage.</p> <p>Applications of <i>Zeal</i> SC Miticide are recommended before mite populations have passed the established thresholds.</p> <p>Treat when mite populations are beginning to build up on the plants. <i>Zeal</i> 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 exceed the maximum rate per year.</p> <p>See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to <i>Zeal</i> SC Miticide or other acaricides.</p> <p>Restrictions</p> <ul style="list-style-type: none"> • Do not apply more than 0.135 lb ai/A per calendar year. • Do not apply after R5 stage. • Do not graze treated soybean fields or feed treated forage or hay to livestock. • 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. • Do not apply by air in New York. 			

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

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.

Treat 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, do not exceed the maximum rate per year.

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

Restrictions

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

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

USE INSTRUCTIONS

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

Treat 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, do not exceed the maximum rate per year.

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

Restrictions

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

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
*Pre-Harvest Interval				
USE INSTRUCTIONS				
Apply by ground with airblast equipment as a full coverage spray.				
Treat when mite populations are low. <i>Zea/ SC</i> Miticide is predominately an ovicide/larvicide. Apply <i>Zea/ SC</i> Miticide at or prior to threshold for your area, do not exceed the maximum rate per year.				
See label section titled RESISTANCE MANAGEMENT for recommendations to delay mite resistance to <i>Zea/ SC</i> Miticide or other acaricides.				
Restrictions				
<ul style="list-style-type: none"> Do not apply more than 0.135 lb ai/A per calendar year. 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. 				

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

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.

Treat 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, do not exceed the maximum rate per year.

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

Restrictions

- Do not apply more than 0.135 lb ai/A per calendar year.
- 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.
- Do not apply by air in New York.

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 must 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.

LIMITATION OF LIABILITY

To the fullest extent allowed by law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. TO THE FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

PROMPT NOTICE OF CLAIM

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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Zeal is a registered trademark of Valent U.S.A. Corporation

Danitol is a registered trademark of Sumitomo Chemical Company, Ltd.

Danitol is a restricted use product.

Manufactured for:

Valent U.S.A. Corporation

P.O. Box 8025

Walnut Creek, CA 94596-8025

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

Made in U.S.A.

EPA Reg. No. 59639-202

EPA Est. No.

059639-00202.20160711.ZealSCMiticide.AMEND.soybean

Supplemental Label



ACCEPTED

Jul 15, 2016

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 59639-202

ZEAL[®] SC MITICIDE

**EPA Reg. No. 59639-202
(Except New York)**

ZEAL[®] SC MITICIDE FOR USE ON SOYBEAN

This supplemental label expires on July 21, 2019 and must not be used or distributed after this date.

DIRECTIONS FOR USE

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

THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. READ THE LABEL AFFIXED TO THE CONTAINER FOR ZEAL SC MITICIDE BEFORE APPLYING. USE OF ZEAL SC MITICIDE ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR ZEAL SC MITICIDE.

SOYBEAN			
Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season
Two-spotted Spider Mite and any other species belonging to the spider mite family (Tetranychidae)	2.0 to 6.0	6.0	1

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 volumes will assure better coverage.

Applications of *Zeal* SC Miticide are recommended before mite populations have passed the established thresholds.

Treat when mite populations are beginning to build up on the plants. *Zeal* 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 exceed the maximum rate per year.

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

Restrictions

- Do not apply after R5 stage.
- Do not apply more than 0.135 lb ai/A per calendar year.
- 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.
- Do not graze treated soybean fields or feed treated forage or hay to livestock.

PLEASE CONTACT VALENT U.S.A. CORPORATION AT 800-6-VALENT (682-5368) TO DETERMINE IF THIS USE IS REGISTERED IN YOUR STATE.

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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)

Made in U.S.A.

059639-00202.20150701.ZealSC.Supp.Soybean.XNY

Supplemental Label



ZEAL[®] SC MITICIDE EPA Reg. No. 59639-202 (For Use in New York Only)

ACCEPTED

Jul 15, 2016

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 59639-202

ZEAL[®] SC MITICIDE FOR USE ON SOYBEAN

This supplemental label expires on July 21, 2019 and must not be used or distributed after this date.

DIRECTIONS FOR USE

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

THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. READ THE LABEL AFFIXED TO THE CONTAINER FOR ZEAL SC MITICIDE BEFORE APPLYING. USE OF ZEAL SC MITICIDE ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR ZEAL SC MITICIDE.

SOYBEAN			
Pests	Product Rate fl oz/Acre	Maximum Rate per application fl oz/Acre	Maximum Applications per Season
Two-spotted Spider Mite and any other species belonging to the spider mite family (Tetranychidae)	2.0 to 6.0	6.0	1

USE INSTRUCTIONS

Apply with ground equipment in adequate water for uniform coverage (a minimum of 10 gals/A). Coverage is essential for good control. Use of higher water volumes will assure better coverage.

Applications of *Zeal* SC Miticide are recommended before mite populations have passed the established thresholds.

Treat when mite populations are beginning to build up on the plants. *Zeal* 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 exceed the maximum rate per year.

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- 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.
- Do not graze treated soybean fields or feed treated forage or hay to livestock.
- Do not apply by air.

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