NET CONTENTS 2-1/2 GALLONS

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.

EPA Reg. No. 59639-202
EPA Est. 228-IL-002®, 5905-GA-01®, 67545-AZ-01®, 61842-CA-001®, 39578-TX-01®
Superscript is first letter of lot number.

KEEP OUT OF REACH OF CHILDREN

CAUTION
SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS
**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION**

**HOT LINE NUMBER**

Have the container product or label with you when calling a poison control center.

**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 lamin, butyl rubber > 14 mils, nitrile rubber > 14 mils, neoprene rubber > 14 mils, natural rubber > 14 mils, polyethylene, polyvinyl chloride > 14 mils, or vinyl > 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 clothing.

**USER SAFETY RECOMMENDATIONS**

Users should:

- When not 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/oceanic invertebrates, including shrimp and fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean higher 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 and around 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 THE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL LAWS.**

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 or reentry is permitted 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.

**CHEMICAL INFORMATION**

RESISTANCE MANAGEMENT

Zeal SC Miticide is a Group 10B acaricide. Mite colonies with acquired resistance to Group 10B acaricides will eventually dominate the mite population. 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 these 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 targeted 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 pest to which Zeal SC Miticide or other Group 10B acaricides have been formulated to.
- Baseaging 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 advice on resistance management and/or IPM recommendations for specific states and pest problems.

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

For further information or to report suspected resistance, you may contact Venita S. A. Corporation at the toll-free number 1-800-458-1388.

EcoSMART SC Miticide is a Group 10B acaricide. Mite biotypes with acquired resistance to etoxazole contribute to the development of resistance to etoxazole among mite populations. Applications of Zeal SC Miticide or other Group 10B acaricides are recommended before mite populations have passed the established thresholds.

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, but 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 2.0 fl oz/A as this may result in poor control and contribute to the development of resistance to etoxazole among mite populations.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE**

Keep pesticides in original container. Do not mix, dilute or store into food or drink containers. Store in cool, dry place. Do not store near food or feeds. For help with any spill, leak, fire or exposure involving this material, call 800-892-0099.

**CONTAINER HANDLING**

Do not reuse or refill this container. Clean container empties promptly after use. Clean, empty containers should be placed in a covered, impervious, impermeable container or in a tank or mix tank for at least 24 hours before being placed into the waste stream. Do not apply to sites beyond the approved disposal facility.

Applying with air or ground equipment in adequate water for uniform coverage is minimum of 10 gal/acre by air or a minimum of 1 gal/acre by ground. 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, but 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 apply after PS 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.

**CUCURBIT VEGETABLES**

Acorn Squash; Balsam Apple; Balsam Pear; Bittermelon; Butternut Squash; Calabaza Squash; Cantaloupe; Chaunty ( Hubbard); Chinese Cucumber; Chinese Ola; Chinese Waxgourd ( Chinese Preserving Melon); Citron Melon; Crimson; Cucurbita; Duchini; Gourd; Edible; Hachiya; Hubbard Squash; Hyotan; Momordica spp; Muskmelon; Pumpkin; Spaghett Squash; Summer Squash; Watermelon; Winter Squash.

Zeal


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

Pests

<table>
<thead>
<tr>
<th>Product</th>
<th>Rate per Acre</th>
<th>Maximum Rate</th>
<th>Maximum Applications</th>
<th>PHI Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Banks Grass Mite</td>
<td>2.0 to 6.0</td>
<td>6.0</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Curviline Curly Mite</td>
<td>2.0 to 6.0</td>
<td>6.0</td>
<td>4</td>
<td>2</td>
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**COTTON**

Pests

<table>
<thead>
<tr>
<th>Product</th>
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<th>Maximum Rate</th>
<th>Maximum Applications</th>
<th>PHI Days</th>
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</thead>
<tbody>
<tr>
<td>Carmine Spotted Mite</td>
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<td>2.0</td>
<td>6</td>
<td>28</td>
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<tr>
<td>Pacific Spider Mite</td>
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<td>5</td>
<td>28</td>
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**SOYBEAN**

Pests

<table>
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<tr>
<th>Product</th>
<th>Rate per Acre</th>
<th>Maximum Rate</th>
<th>Maximum Applications</th>
<th>PHI Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two-spotted Spider Mite</td>
<td>2.0 to 6.0</td>
<td>6.0</td>
<td>4</td>
<td>2</td>
</tr>
</tbody>
</table>

**USE INSTRUCTIONS**

**USE INSTRUCTIONS**

Apply with air or ground equipment in adequate water for uniform coverage is minimum of 10 gal/acre by air or a minimum of 1 gal/acre by ground. 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 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, but 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 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.
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.

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. (continued)
Zeal® SC Miticide

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

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KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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.

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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.

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Always mix product thoroughly before use.

Manufactured for:
Valent U.S.A. Corporation
P.O. Box 8025
Walnut Creek CA 94596-8025
Made in U.S.A.
Form 2031-C
EPA Reg. No. 59639-202
EPA Est. 228-IL-002®, 5905-GA-01®, 67545-AZ-01®,
61842-CA-001®, 39578-TX-01®
Superscript is first letter of lot number.
059639-00202.20160711.zealscmiticide.amend.final
SAL20160715