

## 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-2<sup>®</sup>, 39578-TX-1<sup>®</sup>, 5481-ID-1<sup>®</sup>, 5905-GA-1<sup>®</sup>, 61842-CA-1<sup>®</sup>,  
62171-MS-1<sup>®</sup>, 67545-AZ-1<sup>®</sup>, 67991-IA-1<sup>®</sup>, 70815-GA-1<sup>®</sup>, 86555-MO-1<sup>®</sup>

Superscript is first letter of lot number.

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

SEE NEXT PAGE FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

Always Mix Product  
Thoroughly Before Use.



**S C M I T I C I D E**

**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)

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(continued)

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.**

**RESISTANCE MANAGEMENT**

For resistance management, *Zeal* SC Miticide contains a Group 10B acaricide. Any mite population may contain individuals naturally resistant to *Zeal* SC Miticide and other Group 10B acaricides. The resistant individuals may dominate the mite population if this group of acaricides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay acaricide resistance, take the following steps:

- Rotate the use of *Zeal* SC Miticide or other Group 10B acaricides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with acaricides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
  - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
  - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
  - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests that the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact Valent U.S.A. LLC at 1-800-6-VALENT (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.**

### CHEMIGATION (For Use on Corn Only)

*Zeal* SC Miticide alone or in combination with other products which are registered for application through sprinkler irrigation may be applied through irrigation systems. Apply this product only through micro-irrigation (individual spaghetti tube), drip irrigation, overhead irrigation or motorized calibrated irrigation equipment. Do not apply through any other type of irrigation system. Lack of effectiveness can result from non-uniform distribution of treated water. If you have questions about calibration, contact your State Extension Service specialist, equipment manufacturer or other experts. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments.

### Using Water from Public Water Systems

• Do not apply *Zeal* SC Miticide through any irrigation system physically connected to a public water system.

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days per year. *Zeal* SC Miticide may be applied through irrigation systems which may be supplied by a public water system only if the water from the public water system is discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and to top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. Before beginning chemigation, always make sure that the air gap exists and that there is no blockage of the overflow of the reservoir tank.

Any irrigation system using water supplied from a public water system must also meet the following requirements:

### Operating Instructions for All Specified Types of Irrigation Systems

1. The system must be calibrated to uniformly apply the rates specified. If you have questions about calibration, contact your State Extension Service specialist, equipment manufacturer or water management experts.
2. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
3. The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must also contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
6. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
7. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
8. Do not apply when wind speed favors drift beyond the area intended.

### Calibration and Application Instructions

Apply *Zeal* SC Miticide under the schedule specified in the specific crop rates/instructions, not according to the irrigation schedule, unless the events coincide. In general, set the equipment to apply the minimum amount of water per acre. Run the system at 95-100% of the manufacturer's maximum rated travel speed.

The following calibration and application techniques are provided for user reference, but do not constitute a warranty of fitness for application through sprinkler irrigation equipment. Check with State and local regulatory agencies for potential use restrictions before applying any agricultural chemical through sprinkler irrigation equipment.

### Center Pivot Irrigation Equipment

1. Use only drive systems that provide uniform water distribution.
2. Do not use end guns when chemigating *Zeal* SC Miticide through center pivot systems because of non-uniform application.
3. Plug the first nozzle closest to the well head to protect the water source.
4. Determine the size of the area to be treated.
5. Determine the time required to apply 0.10 to 0.15 inches of water over the area to be treated when the system and injection equipment are operated at normal pressures as recommended by the equipment manufacturer. Run the system at 95 to 100% of the manufacturer's rated maximum travel speed.
6. Using water, determine the injection pump output when operated at normal line pressure.
7. Determine the amount of *Zeal* SC Miticide, and any tank mix partners, required to treat the area covered by the irrigation system.
8. Add the required amount of *Zeal* SC Miticide, and any tank mix partners, and sufficient water to meet the injection time requirements to the solution tanks. (See "Mixing Instructions" section of this label.)
9. Make sure the system is fully charged with water before starting injection of the *Zeal* SC Miticide solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
10. Maintain constant agitation in the solution tank during the injection period.
11. Inject the specified amount of *Zeal* SC Miticide per acre continuously for one complete revolution of the system.
12. Stop the injection equipment after treatment is complete. Continue to operate the system until the *Zeal* SC Miticide solution has cleared all of the sprinkler heads.
13. Allow time for all lines to flush the pesticide through all nozzles before turning off irrigation water.

### Solid Set, Hand Move and Moving Wheel Irrigation Equipment

1. Determine the acreage covered by the sprinklers.
2. Fill injector solution tank with plain water and calibrate the flow rate of the system to deliver the contents of the tank over a 30 to 50 minute time interval at the end of the irrigation cycle.
3. Determine the amount of *Zeal* SC Miticide required to treat the area covered by the irrigation system.
4. Add the required amount of *Zeal* SC Miticide, and any other tank mix partners, into the same quantity of water used to calibrate the injection period. (See "Mixing Instructions" section of this label.)
5. Operate the system at the same pressure and time interval established during the calibration.
6. Inject specified amount of *Zeal* SC Miticide per acre for either a 30 to 50 minute period at the end of a regular irrigation set, or as a 30 to 50 minute injection as a separate application not associated with a regular irrigation to maximize retention of the insecticide by the foliage.

7. Stop injection equipment after treatment is completed. Continue to operate the system until the *Zea*/SC Miticide solution has cleared the last sprinkler head. To ensure lines are flushed and free from remaining pesticides, a dye indicator may be injected into the lines to mark the end of the application period.

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

#### 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 <sup>1</sup> Carmine Spider Mite Pacific Spider Mite Strawberry Spider Mite Two-spotted Spider Mite	2.0 to 6.0 (0.045 to 0.135 lb ai/A)	6.0 (0.135 lb ai/A)	1	21

\*Pre-Harvest Interval

#### USE INSTRUCTIONS

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

For applications using chemigation refer to chemigation section.

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.

Choose lower rate for light infestations and the higher rate for heavy infestations.

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 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.

#### SWEET CORN

Pests	Product Rate fl oz/Acre	Maximum Rate per Application fl oz/Acre	Maximum Applications per Season	PHI* Days
Banks Grass Mite Carmine Spider Mite Pacific Spider Mite Spider Mite Strawberry Spider Mite Two-spotted Spider Mite	2.0 to 6.0 (0.045 to 0.135 lb ai/A)	6.0 (0.135 lb ai/A)	1	21

\*Pre-Harvest Interval

#### USE INSTRUCTIONS

Apply with air or ground equipment in adequate water for uniform coverage (a minimum of 3 gallons/A by air or a minimum of 10 gallons/A by ground). Coverage is essential for good control. Use of higher water volume will assure better coverage. Apply *Zea*/SC Miticide before tasseling stage to allow good spray penetration and provide better control throughout the plant's canopy.

Best results are achieved when mite populations are treated before or at established thresholds. *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.

Choose lower rate for light infestations and the higher rate for heavy infestations.

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 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.

<sup>1</sup> Applications targeting exclusively Banks grass mites may require the higher rates within the rate range listed above 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 may require an additional application of a non-etoxazole miticide.

## COTTON

Including (Subgroup 20C) Cottonseed;  
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
Carmine Spider Mite Pacific Spider Mite Two-spotted Spider Mite	1.33 to 2.0 (0.03 to 0.045 lb ai/A)	2.0 (0.045 lb ai/A)	1	28

\*Pre-Harvest Interval

### USE INSTRUCTIONS

Apply with air or ground equipment in adequate water for uniform coverage (3 to 10 gallons/A by air or 10 to 50 gallons/A 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, do not exceed the maximum rate per year.

Choose lower rate for light infestations and the higher rate for heavy infestations.

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 0.045 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 (0.090 to 0.135 lb ai/A)	6.0 (0.135 lb ai/A)	1	7

\*Pre-Harvest Interval

### USE INSTRUCTIONS

Apply with air or ground equipment in adequate water for uniform coverage (a minimum of 3 gallons/A by air or a minimum of 10 gallons/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.

Choose lower rate for light infestations and the higher rate for heavy infestations.

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.

**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 ( <i>Tetranychidae</i> )	2.0 to 6.0 (0.045 to 0.135 lb ai/A)	6.0 (0.135 lb ai/A)	1

**USE INSTRUCTIONS**

Apply with air or ground equipment in adequate water for uniform coverage (a minimum of 3 gallons/A by air or a minimum of 10 gallons/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.

Choose lower rate for light infestations and the higher rate for heavy infestations.

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 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.

**BET, SUGAR, ROOTS and BEET, SUGAR, LEAVES**

Pests	Product Rate fl oz/Acre	Maximum Rate per Application fl oz/Acre	Maximum Applications per Season	PHI* Days
Carmine Spider Mite European Red Spider Mite McDaniel Spider Mite Pacific Spider Mite Strawberry Spider Mite Two-spotted Spider Mite Yellow Spider Mite	4.0 to 6.0 (0.090 to 0.135 lb ai/A)	6.0 (0.135 lb ai/A)	1	30

\*Pre-Harvest Interval

**USE INSTRUCTIONS**

Apply with air or ground equipment in adequate water for uniform coverage (a minimum of 3 gallons/A by air or a minimum of 20 gallons/A by ground).

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 sugar beets that have reached advanced foliage development (row closure). 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.

Choose lower rate for light infestations and the higher rate for heavy infestations.

**Restrictions**

- Do not apply more than 0.135 lb ai/A *Zeal* SC Miticide 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 use on sugar beets grown for seed.

# 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.

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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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Manufactured for:

**Valent U.S.A. LLC**

P.O. Box 8025

Walnut Creek CA 94596-8025

Made in U.S.A.

Form 2031-F

EPA Reg. No. 59639-202

EPA Est. 228-IL-2<sup>®</sup>, 39578-TX-1<sup>®</sup>, 5481-ID-1<sup>®</sup>, 5905-GA-1<sup>®</sup>,

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70815-GA-1<sup>®</sup>, 86555-MO-1<sup>®</sup>

Superscript is first letter of lot number

059639-00202.20191230.ZSC.AMEND.SugarBeet

SAL20200106

Information contained in this booklet is accurate at the time of printing. Since product testing is a continuous process, please read and follow the directions on the product label for the most current directions and precautionary statements.

Always check with your state to verify state registration status or call 800-6-VALENT (682-5368).

SPECIMEN



For state registration and/or supplemental labels, please call or visit us online.

*Products That Work, From People Who Care*<sup>®</sup> | [valent.com](http://valent.com) | 800-6-VALENT (682-5368)

***Always read and follow label instructions.***

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# Zeal<sup>®</sup> 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<sup>®</sup> SC Miticide is a soluble concentrate containing 2.88 lb active ingredient etoxazole per gallon.

## NET CONTENTS 2-1/2 GALLONS

## KEEP OUT OF REACH OF CHILDREN CAUTION

SEE BOOKLET 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  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, natural rubber  $\geq$  14 mils, polyethylene, polyvinyl chloride  $\geq$  14 mils, or viton  $\geq$  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.**

Manufactured for:  
**Valent U.S.A. LLC**

P.O. Box 8025  
Walnut Creek CA 94596-8025  
Made in U.S.A.

Form 2031-F

EPA Reg. No. 59639-202

EPA Est. 228-IL-2<sup>®</sup>, 39578-TX-1<sup>®</sup>, 5481-ID-1<sup>®</sup>, 5905-GA-1<sup>®</sup>,  
61842-CA-1<sup>®</sup>, 62171-MS-1<sup>®</sup>, 67545-AZ-1<sup>®</sup>, 67991-IA-1<sup>®</sup>,  
70815-GA-1<sup>®</sup>, 86555-MO-1<sup>®</sup>

Superscript is first letter of lot number.

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