

FIFRA Section 24(c) Special Local Need



ETOXAZOLE

GROUP

10B

ACARICIDE

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF IDAHO



EPA Reg. No. 59639-138

EPA SLN No. ID-090015

FOR MITE CONTROL IN ALFALFA GROWN FOR SEED ONLY

This label valid until December 31, 2029 or until otherwise Amended, withdrawn, cancelled or suspended.

Active Ingredient	By Wt.
*Etoxazole	72%
Other Ingredients	28%
Total	100%
* 2-(2,6-difluorophenyl)-4-[4-(1,1-dimethylethyl)-2-ethoxyphenyl]-4,5-dihydrooxazole	

KEEP OUT OF REACH OF CHILDREN CAUTION

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.

AGRICULTURAL USE REQUIREMENTS

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

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

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is: long sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material and shoes plus socks.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Follow all applicable directions, restrictions, Worker Protection Standards requirements and precautions on this Supplemental Label and the main EPA-registered label. This label and the EPA-registered federal label for this product must be in the possession of the user at the time of mixing and pesticide application.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN NONPERFORMANCE OF PRODUCT, CROP INJURY OR ILLEGAL RESIDUES.

ALFALFA GROWN FOR SEED ONLY

PESTS	PRODUCT RATE (OZ/A)	SPECIAL INSTRUCTIONS
Two-spotted Spider Mite	2.0 – 3.0 oz (0.09 to 0.135 lb ai/A)	<p>Apply by ground in a minimum of 20 gal/A or by air at 10 gal/A. Coverage is essential for good control. Increase water volume if needed to ensure better coverage.</p> <p>Best results are achieved when mite populations are low. <i>Zeal Miticide</i>¹ is predominately an ovicide/larvicide and should be used early in the life cycle of mites. Apply <i>Zeal Miticide</i>¹ at or prior to threshold for your area.</p>

RESTRICTIONS/PRECAUTIONS:

- Do not apply more than 3 oz Zeal Miticide¹ per acre per season or make more than one application per season.
- Do not use current year treated seed crop for hay or forage.
- Do not apply within 14 days of harvest.
- Do not apply to alfalfa grown for fresh market or processing.
- Do not apply this product through any type of irrigation system.
- Do not cut the treated seed crop for hay or forage.
- Do not graze the treated seed crop.
- Screenings from processed seed is prohibited from food or feed channels.
- Seed from the treated crop cannot be used for sprouting for human or animal consumption.
- All treated seed must be tagged at the processing plant as "Not for human or animal consumption."

*Zeal Miticide*¹ kills mite eggs and nymphs and prevents adults from laying viable eggs. It inhibits the molting process in juvenile mites but does not kill mite adults.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, *Zeal Miticide*¹ contains a Group 10B acaricide. Any mite population may contain individuals naturally resistant to *Zeal Miticide*¹ and other Group 10-B. The resistant individuals may dominate the mite population if this group of acaricide 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 Miticide*¹ or other Group 10B acaricide within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with acaricide 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 the mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
 - Individual acaricide 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 benefits only for the period where both insecticides are active.
- Adopt an integrated pest management program for acaricide 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 the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisor 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 800-6-VALENT (682-5368).

NO AMENDMENTS

This pesticide does not have an established pesticide residue tolerance for this crop. Consequently, no portion of this seed crop may be used or distributed for food or feed. All seed screenings and plant parts must be disposed of in such a manner that they cannot be distributed or used for food or feed purposes.

FIFRA § 24(c) Registrant: Valent U.S.A. LLC
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