

# FIFRA Section 24(c) Special Local Need



FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF WASHINGTON



FOR MITE CONTROL IN ALFALFA AND CARROT GROWN FOR SEED ONLY

EPA Reg. No. 59639-138

EPA SLN No. WA-090001

This label for Zeal<sup>®</sup> Miticide<sup>1</sup> expires and must not be distributed or used in accordance with this SLN registration after December 31, 2023.

Active Ingredient	By Wt.
Etoxazole* .....	72%
Other Ingredients .....	<u>28%</u>
Total	100%

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

## 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. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label.

### Zeal Miticide<sup>1</sup> Alfalfa and Carrot Grown for Seed Only

Crop	Pests	Product Rate (oz/A)	Special Instructions
Alfalfa and Carrot – Grown for Seed Only	Two-Spotted Spider Mites	2.0 – 3.0 oz	<p>Apply by ground in a minimum of 20 gal per acre or by air at 10 gal per acre. Coverage is essential for good control. Use of higher water volume will assure better coverage.</p> <p>Best results are achieved when mite populations are low. Zeal Miticide<sup>1</sup> is predominately an ovicide/larvicide and should be used early in the life cycle of mites. Apply Zeal Miticide<sup>1</sup> at threshold for your area but not greater than the maximum rate listed.</p>

## RESTRICTIONS/PRECAUTIONS:

1. Do not apply more than 3 oz *Zeal Miticide*<sup>1</sup> per acre per season or make more than one application per season.
2. Do not apply to carrots grown for fresh market or processing.
3. Do not apply to alfalfa grown for fresh market or processing. Do not use treated alfalfa seed for sprouting. Do not use alfalfa seed crop for hay or forage until after 365 days following treatment.
4. Do not apply this product through any type of irrigation system.
5. All alfalfa or carrot seed screenings shall be disposed of in such a way that they cannot be distributed or used for human food or animal feed. The seed conditioner shall keep records of screening disposal for three years from the date of disposal and shall furnish the records to the director immediately upon request. Conditioner disposal records shall consist of documentation of on-farm disposal, disposal at a controlled dumpsite, incinerator, composter or other equivalent disposal site and shall include the lot numbers, amount of material disposed of, the grower(s), and the date of disposal.
6. No portion of the alfalfa or carrot seed plant, including but not limited to green chop, hay, pellets, meal, whole seed, cracked seed, roots, bulbs, leaves and seed screenings may be used or distributed for food or feed purposes.
7. Alfalfa or carrot seed shall bear a tag or container label which forbids use of the seed for human consumption or animal feed.
8. Alfalfa or carrot seed may not be distributed for human consumption or animal feed.

*Zeal Miticide*<sup>1</sup> 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.

### WSDA's Aquatic Toxicity Advisory

This product is toxic to freshwater and marine/estuarine aquatic invertebrates, including oysters and shrimp. ***Zeal Miticide***<sup>1</sup> should not be used in accordance with this SLN label where impact on listed threatened or endangered species is likely. You may refer to the WSDA's Natural Resources Assessment Section (NRAS) web site (<https://agr.wa.gov/pestfert/natresources/EndangSpecies.aspx>) for additional information related to pesticide use and endangered species protection. Information from EPA about no-spray buffers zones is available at <https://agr.wa.gov/pestfert/natresources/Buffers.aspx>. Pesticide applicators may use the Washington Department of Fish and Wildlife's SalmonScape mapping tool at <https://apps.wdfw.wa.gov/salmonscape> to determine if listed salmonid species occur in or near a proposed application site.

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.

The active ingredient in this product is extremely toxic to freshwater invertebrates, which are a food source for salmon and other fish species. Caution is advised to avoid drift and runoff into fish bearing waters.

**MANAGING RESISTANCE:** The active ingredient in this product is a Group 10B insecticide (diphenyl oxazoline derivative). Repeated use of the same class of miticides or miticides with similar modes of action can lead to the buildup of resistant mite strains. *Zea/Miticide*<sup>1</sup> should be used in alternation with other miticides possessing dissimilar modes of action and/or with other chemical classes of miticides. Follow local, state and federal IPM and Resistance Management (RM) recommendations. Read and follow all product labels before applying any miticide.

**Plastic Containers - WSDA Container Disposal Guidance:** Pesticide containers must be properly cleaned prior to disposal. The best time to clean empty pesticide containers is during mixing and loading, because residue can be difficult to remove after it dries. Triple rinse (or pressure rinse) the pesticide container, empty all pesticide rinse water into the spray tank, and apply to a labeled crop or site. Recycling cleaned containers is the best method of container disposal. Information regarding the recycling of empty and cleaned plastic pesticide containers in Washington is available on the WSDA Waste Pesticide Program website at <http://agr.wa.gov/PestFert/Pesticides/WastePesticide.aspx>. Cleaned containers may also be disposed of in a sanitary landfill, if permitted by the county. Burning is not a legal method of container disposal in Washington.

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*Zea* is a registered trademark of Valent U.S.A. LLC