

FIFRA Section 24(c) Special Local Need



FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF IDAHO



FOR MITE CONTROL IN CARROTS GROWN FOR SEED ONLY

EPA Reg. No. 59639-138

EPA SLN No. ID-090005

DIRECTIONS FOR USE

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

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

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.

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.

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.

Zeal® Miticide¹
Carrots Grown for Seed Only

CROP	PESTS	PRODUCT RATE (OZ/A)	SPECIAL INSTRUCTIONS
Carrots – Grown for Seed Only	Two-Spotted Spider Mites	2.0 – 3.0 oz	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. Best results are achieved when mite populations are low. <i>Zeal</i> is predominately an ovicide/larvicide and should be used early in the life cycle of mites. <i>Zeal</i> should be applied at threshold for your area.

Zeal 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.

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. *Zeal* 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.

RESTRICTIONS:

1. Do not apply more than 3 oz *Zeal* 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 this product through any type of irrigation system.
4. Do not cut the treated seed crop for hay or forage.
5. Do not graze the treated seed crop.
6. Screenings from processed seed is prohibited from food or feed channels.
7. Treated seed cannot be used for sprouting for human or animal consumption.
8. All treated seed must be tagged at the processing plant as "Not for human or animal consumption."
9. All requirements in IDAPA 02.03.03.800, Rules Governing Pesticide and Chemigation Use and Application must be followed.

This label and the EPA-registered label must be in the possession of the user at the time of mixing and pesticide application.

Follow application directions, restrictions, Worker Protection Standards requirements and precautions on the EPA-registered label.

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FIFRA § 24(c) Registrant: Valent U.S.A. Corporation
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Zeal is a registered trademark of Valent U.S.A. Corporation