



FIFRA Section 24(c)
SPECIAL LOCAL NEED LABEL

BIFENAZATE	GROUP	20D	ACARICIDE
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FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF OREGON

VIGILANT® 4SC

EPA Reg. No. 70506-539

EPA SLN No. OR-240015

For Control of Listed Mites in Alfalfa Grown for Seed and Clover Grown for Seed

This label is valid until December 31, 2029 or until otherwise amended, withdrawn, canceled, or suspended.

ACTIVE INGREDIENT:	% BY WT.
Bifenazate: Hydrazine carboxylic acid, 2-(4-methoxy-[1,1'-biphenyl]-3-yl) 1-methylethyl ester	43.2%
OTHER INGREDIENTS:	56.8%
TOTAL:	100.0%

Contains 4 lbs. active ingredient bifenazate per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

ENVIRONMENTAL HAZARDS

Follow all applicable directions, restrictions, and precautions in the Environmental Hazards section of the label affixed to the main container of **VIGILANT 4SC**.

DIRECTIONS FOR USE

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This Special Local Need (SLN) label and the label affixed to the main container of **VIGILANT 4SC** must be in the possession of the user at the time of pesticide application.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on this SLN label and the label affixed to the main container of **VIGILANT 4SC**.

Ground Application

Apply required dosage by ground application equipment (compressed air, hydraulic ground boom, or air-blast sprayers) capable of delivering sufficient water to obtain thorough, uniform coverage of the target crop. Spray equipment boom and nozzles should be oriented in a manner to minimize boom height to optimize coverage uniformity, maximize deposition and reduce spray drift. Drop nozzles may be required to obtain uniform coverage against certain pests that develop down in the canopy. A minimum spray volume of 20 gallons per acre must be used with ground spray equipment. Higher gallonages will provide better coverage and performance. Use hollow cone, disc-core hollow cone or twin jet fan nozzles suitable for insecticide spraying.

Aerial Application

Follow all applicable directions, restrictions, and precautions in the Mandatory SPRAY DRIFT Management, SPRAY DRIFT ADVISORIES, and USE RATES AND DIRECTIONS sections of the label affixed to the main container of **VIGILANT 4SC**.

Ultra Low Volume (ULV) application is prohibited.

CHEMIGATION USE PRECAUTIONS AND INSTRUCTIONS

- A. Apply this product only through sprinkler systems, including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system. Sprinkler systems must be operated at 80 to 100% during treatment applications to apply the minimum amount of water possible.
- B. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
- C. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- D. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.
- E. 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 the necessary adjustments should the need arise.
- F. 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.
- G. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- H. 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.
- I. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- J. 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.
- K. 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.
- L. Do not apply when wind speed favors drift beyond the area intended for treatment.
- M. Constant agitation must be maintained in the chemical supply tank during the entire period of pesticide application.
- N. Inject the product with a positive displacement pump into the main line ahead of a right angle turn, to insure adequate mixing.
- O. Application of more than label recommended quantities of irrigation water per acre may result in decreased product performance by removing the chemical from the zone of effectiveness.
- P. Do not apply when system connections or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product must be dismantled and drained.

- Q. Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of more dilute mixture per hour. Pesticide should be applied continuously for the duration of the water addition.
- R. Where sprinkler irrigation patterns do not overlap sufficiently unacceptable mite control may result. Where sprinkler distribution patterns overlap excessively crop injury may result.

ALFALFA GROWN FOR SEED: For the control of two-spotted spider mites and McDaniel spider mites. To provide maximum residual control, application should be made as soon as mites appear. Use the lower labeled rate where mite infestations are light. The higher labeled rate may be required for heavy infestations or extended residual control.

- **For Ground Application Use:** Use 16 - 24 fl. oz. of **VIGILANT 4SC** per acre in a minimum of 20 gallons of water per acre.
- **For Aerial Application Use:** Use 16 - 24 fl. oz. of **VIGILANT 4SC** per acre in a minimum of 8 gallons of water per acre.
- **For Chemigation Application:** Use 16 - 24 fl. oz. of **VIGILANT 4SC** per acre. Refer to the Chemigation Use Precautions and Instructions section. Apply in 0.1- 0.2 acre-inches of water.
- **Restrictions:**
 - o Do not make more than one application per year.
 - o Pre-harvest interval (PHI): 7 days
 - o Pollinator Protection Requirements: This product is moderately toxic to bees exposed to direct treatment or to residues in/on blooming crops or weeds. Do not apply this product to blooming alfalfa while bees are foraging the treatment area. When alfalfa grown for seed is blooming, apply this product between late evening and early morning (i.e., between 6:00 PM and 7:00 AM).

CLOVER GROWN FOR SEED: For the control of two-spotted spider mites. To provide maximum residual control, application should be made as soon as mites appear.

- **For Ground Application Use:** Use 16 fl. oz of **VIGILANT 4SC** per acre in a minimum of 20 gallons of water per acre.
- **For Aerial Application Use:** Use 16 fl. oz of **VIGILANT 4SC** per acre in a minimum of 8 gallons of water per acre.
- **For Chemigation Application:** Use 16 fl. oz of **VIGILANT 4SC** per acre. Refer to the Chemigation Use Precautions and Instructions section. Apply in 0.1- 0.2 acre-inches of water.
- **Restrictions**
 - o Do not make more than one application per year.
 - o Pre-harvest interval (PHI): 7 days

SPECIAL CROP USE RESTRICTIONS

The pesticide applicator, the producer of the crop, and the seed conditioner must be aware that use of this product according to this labeling is deemed a non-feed/non-food use by the Oregon Department of Agriculture and is regulated by Oregon Administrative Rule (OAR) 603-057-0535, Pesticide Use on Crops Grown for Seed. If the applicator of this pesticide is not the producer, the applicator must provide a copy of this labeling to the producer of the crop. Producers of this crop who use this product or cause the product to be used on a field they operate, must provide a copy of this pesticide label to the seed conditioner.

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 for 1 year (365 days) after the last application of this product. This restriction pertains to, but is not limited to, green chop, forage, hay, pellets, meal, whole seed, cracked seed, straw, roots, bulbs, foliage or seed screenings, and to the grazing of the crop field, stubble or regrowth. All seed screenings shall be disposed of in such a manner that the screenings cannot be distributed or used for food or feed purposes, as indicated in

OAR 603-057-0535. Additional regulations concerning seed screenings are stated in OAR 603-057-0535.

Any seed from a field treated with this pesticide product shall bear specific and conspicuous container labeling, or if shipped in bulk, on the shipment invoice or bill of lading. The labeling shall contain the following statement:

“This seed was produced using one or more products for which the United States Environmental Protection Agency has not established pesticide residue tolerances. This seed, in whole, as sprouts, or in any form, may not be used for human consumption or animal feed. Failure to comply with this condition may violate requirements of the Federal Food and Drug Administration, the Oregon Department of Agriculture and other regulatory agencies.”

Section 24(c) Registrant:

UPL NA Inc.

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Research Triangle Park, NC 27709

For Product Use Information Call 1-866-761-9397

REV 12/4/2024