



FIFRA Section 24(c)
SPECIAL LOCAL NEED LABEL

**FOR CONTROL OF MITES IN BEETS AND
 SPINACH GROWN FOR SEED
 FOR DISTRIBUTION AND USE ONLY WITHIN
 THE STATE OF WASHINGTON**

BIFENAZATE	GROUP	20D	ACARICIDE
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VIGILANT[®]-4SC

Agricultural Miticide

**This label for VIGILANT[®]-4SC expires and must not be distributed or used
 in accordance with this SLN registration after December 31, 2027.**

EPA Reg. No. 70506-539

EPA SLN No. WA-230009

- 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 this SLN label and the EPA-registered label.

DIRECTIONS FOR USE

BEETS AND SPINACH GROWN FOR SEED PURPOSES ONLY

For the Control of Two-Spotted Spider Mites

- **For Ground Application** apply 16 - 24 fl oz of **VIGILANT-4SC** (0.5 - 0.75 lbs bifentazate) per acre in a minimum of 20 gallons of water per acre.
- **For Aerial Application** apply 16 - 24 fl oz of **VIGILANT-4SC** (0.5 - 0.75 lbs bifentazate) per acre in a minimum of 8 gallons of water per acre.
- To provide maximum residual control, application should be made as soon as mites appear. Use the lower rate where mite infestations are light. The higher rate may be required for heavy infestations or for extended residual control. Apply high rates to areas with high mite infestation and to areas which historically have had high mite infestations.
- **Vigilant-4SC** is a suspension concentrate (flowable) for preparing sprays to control two-spotted spider mites. It is not systemic in action; therefore, complete coverage of both upper and lower leaf surfaces is necessary for effective control.
- Refer to the EPA-registered label for mixing and application instructions.

Ground Application

Apply 16 – 24 fl oz of **VIGILANT-4SC** per acre by conventional ground sprayer equipment 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 should 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

Apply 16 – 24 fl oz of **VIGILANT-4SC** per acre in a total of at least 8 gallons per acre using a nozzle configuration that will provide a median droplet size of 200 to 300 microns. Higher gallonages will provide better coverage and performance. Observe the minimum safe application height – not greater than 12 feet above crop canopy. Boom length must be less than 75% of wing span and swath markers, flagging or GPS system should be used during application. Applications should be made when wind speed is between 2 and 10 mph. Do not make applications when wind speed exceeds 10 mph. Under low humidity and high

temperatures, spray volume should be adjusted upward to compensate for evaporation of spray droplets. Ultra-Low Volume (ULV) application is not permitted.

RESTRICTIONS/PRECAUTIONS

- Do not enter or allow worker entry into treated areas during the **restricted entry interval (REI) of 12 hours**.
- For use under this SLN label do not apply this product through any type of irrigation system.
- **Do not make more than 2 applications of VIGILANT-4SC** per year with a minimum interval of 14 days between applications. Use a product with a different mode of action grouping between any two applications.
- Do not apply more than 48 fl oz **VIGILANT-4SC** (1.5 lbs bifenazate) per acre per year.
- All beet/spinach 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 WSDA immediately upon request. Conditioner disposal records shall consist of documentation of on-farm disposal, disposal at a controlled dump site, 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.
- No portion of the beet/spinach 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.
- Beet/spinach seed shall bear a tag or container label which forbids use of the seed for human consumption or animal feed.
- Beet/spinach seed may not be distributed for human consumption or animal feed.

POLLINATOR PROTECTION:

Blooming spinach and beet seed crops are not typically attractive to bees; however, blooming weeds may attract bees and other pollinators. Do not apply this product while bees are foraging the treatment area.

WSDA's AQUATIC ADVISORY:

- This pesticide is toxic to birds, estuarine/marine invertebrates, and fish.
- VIGILANT-4SC 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 Natural Resources Assessment Section on WSDA's website for additional information on pesticide use and endangered species protection.
- You may use the Washington Department of Fish and Wildlife's online SalmonScape mapping tool to determine if listed salmonid species occur in or near a proposed application site.

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 web site at <https://agr.wa.gov/wastepesticide>. 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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