



Section 24(c) Special Local Need Label

RESTRICTED USE PESTICIDE

Due to Toxicity to Fish and Aquatic Organisms

Toxic to fish and aquatic organisms. For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's Certification

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF OREGON

WARRIOR[®] with ZEON TECHNOLOGY[™]

EPA Reg. No. 100-1112
EPA SLN No. OR-030002

FOR SUPPRESSION OF LYGUS BUG IN CARROT, DILL, PARSLEY, AND PARSNIP GROWN FOR SEED

This label valid until December 31, 2011 or until otherwise amended, withdrawn, cancelled, or suspended.

Active Ingredient:

Lambda-cyhalothrin¹

[1α(S*),3α(Z)]-(±)-cyano-(3-phenoxyphenyl)methyl-
3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-
dimethylcyclopropanecarboxylate

11.4%

Other Ingredients:

88.6%

Total:

100.0%

¹Synthetic pyrethroid

KEEP OUT OF REACH OF CHILDREN.

SHAKE WELL BEFORE USING.

WARNING/AVISO

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

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. For terrestrial areas: 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 neighboring areas. Do not contaminate water when disposing of equipment washwater.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

DIRECTIONS FOR USE

Restricted Use Pesticide

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

SHAKE WELL BEFORE USING.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

This labeling must be in the possession of the user at the time of application.

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 instructions and exceptions pertaining to the statements on this label about personal protective 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 24 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:

- Coveralls
- Chemical-resistant gloves, Category F, such as barrier laminate, butyl rubber, nitrile rubber, or viton \geq 14 mils
- Shoes plus socks

GENERAL DIRECTIONS FOR USE

Resistance

Warrior Insecticide with Zeon Technology is a Group 3 Insecticide (contains the active ingredient lambda-cyhalothrin). Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

SPRAY DRIFT PRECAUTIONS – SURFACE WATER PROTECTION

Observe the Following Precautions When Spraying in the Vicinity of Aquatic Areas Such as Lakes; Reservoirs; Rivers; Permanent Streams, Marshes or Natural Ponds; Estuaries and Commercial Fish Farm Ponds.

- Do not apply by ground within 25 ft., or by air within 150 ft. of lakes, reservoirs, rivers, permanent streams, marshes, pot holes, or natural ponds, estuaries, and commercial fish farm ponds. Increase the buffer zone to 450 ft. when ultra-low volume (ULV) application is made.
- All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.
- For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used and must not exceed 75% of wing span or rotor diameter.
- Use the largest droplet size consistent with good pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.
- Spray should be released at the lowest height consistent with pest control and flight safety. Applications more than 10 ft. above the crop canopy should be avoided.
- Make aerial or ground applications when the wind velocity favors on-target product deposition (approximately 3–10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.
- Risk of exposure to aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.
- Do not cultivate within 10 ft. of the aquatic area so as to allow growth of a vegetative filter strip.
- Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.
- Do not make aerial or ground applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

CROP	INSECT	RATE Fl. Oz./Acre (lb ai/A)	COMMENTS
Seed Dill Seed Carrot Seed Parsley Seed Parsnip	Lygus Bug Spp. ¹	2.56-3.84 (0.02-0.03)	<ul style="list-style-type: none"> • Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. Apply in a minimum of 2 gallons per acre by air or 10 gallons per acre by ground. When foliage is dense and/or pest populations are high 5-10 gallons per acre by air or 20 gallons per acre by ground and higher use rates are recommended. Use higher rates for increased residual control, such as prior to crop blooming. If application is made during bloom, use the lower rate of application. • This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or broadleaf weeds. Do not apply the 3.84 oz/acre (0.03 lb ai/acre) rate of this product to blooming seed crops. Apply the 3.84 oz/acre (0.03 lb ai/acre) rate as a pre-bloom or post-bloom spray only. Applications of the 2.56 oz/acre (0.02 lb ai/acre) rate of this product to blooming seed crops must be timed to coincide with periods of minimum bee activity between late evening and midnight. Be aware of bee hazard resulting from a cool evening and/or morning dew. Avoid direct application to bee shelters/hives. It may be advisable to remove bee shelters/hives during and for 2-3 days following application. • Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. • If Warrior is used as a prebloom spray it is not advisable to use during bloom to reduce potential for the development of insecticide resistance. <p>¹See resistance statement under General Directions for use.</p>

USE PRECAUTIONS/RESTRICTIONS:

- This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present, or to intertidal areas below the mean high water mark.
- This product is very highly toxic to fish and aquatic invertebrates, and should not be used where impact on listed threatened or endangered species is likely. Contact the National Marine Fisheries Service or U.S. Fish & Wildlife Service for information on listed threatened or endangered species (e.g. Bull trout, Chinook salmon). Consult the federal label for additional restrictions and precautions to protect aquatic organisms.
- Do not apply this product through any type of irrigation systems.
- For agricultural/commercial use only. Do not use in or around the home.

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 nonfeed/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 should 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, should 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. This restriction pertains to, but is not limited to, green chop, 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."

All applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA-registered label are to be followed.

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

WARRIOR® is a trademark of Syngenta Crop Protection, Inc.

24(c) Registrant: Syngenta Crop Protection, Inc.
Greensboro, NC 27419

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