



**RESTRICTED USE PESTICIDE**

**DUE TO TOXICITY 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

**INTRA**

**Section 24(c) Special Local Need Label**

**FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF OREGON**

**WARRIOR II with ZEON TECHNOLOGY®**

EPA Reg. No. 100-1295  
EPA SLN No. OR-090017

**FOR SUPPRESSION OF LYGUS BUG IN CARROT, DILL, PARSLEY, PARSNIP, and RADISH  
(except DAIKON) GROWN FOR SEED**

This label valid until December 31, 2019 or until otherwise amended, withdrawn, cancelled, or suspended.

Active Ingredient:	
Lambda-cyhalothrin <sup>1,2</sup>	22.8%
Other Ingredients:	77.2%
Total:	100.0%

Warrior II with Zeon Technology contains 2.08 lb of active ingredient per gal and is a capsule suspension.

<sup>1</sup>CAS No. 91465-08-6

<sup>2</sup>Synthetic pyrethroid

Contains petroleum distillate.

**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

CROP	INSECT	RATE fl oz/A (lb ai/A)	COMMENTS
Seed Dill Seed Carrot Seed Parsley Seed Parsnip Seed Radish (except for Daikon)	Lygus Bug Spp.	1.28-1.92 (0.02-0.03)	<ul style="list-style-type: none"><li>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.</li><li>This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or broadleaf weeds. Do not apply the 1.92 oz/acre (0.03 lb ai/acre) rate of this product to blooming seed crops. Apply the 1.92 oz/acre (0.03 lb ai/acre) rate as a <b>pre-bloom or post-bloom spray only</b>. Applications of the 1.28 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.</li><li>Do not apply more than 0.12 lb ai (0.48 pints) per acre per season.</li><li>If Warrior II with Zeon Technology is used as a prebloom spray it is not advisable to use during bloom to reduce potential for the development of insecticide resistance.</li></ul>

## 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.

## **SPRAY DRIFT PRECAUTIONS**

### **BUFFER ZONES**

#### **Vegetative Buffer Strip**

Construct and maintain a minimum 10-foot-wide vegetative filter strip of grass or other permanent vegetation between the field edge and down gradient aquatic habitat (such as, but not limited to, lakes; reservoirs; rivers; permanent streams; marshes or natural ponds; estuaries; and commercial fish farm ponds).

Only apply products containing Warrior II with Zeon Technology onto fields where a maintained vegetative buffer strip of at least 10 feet exists between the field and down gradient aquatic habitat.

For guidance, refer to the following publication for information on constructing and maintaining effective buffers: Conservation Buffers to Reduce Pesticide Losses. Natural Resources Conservation Services. USDA, NRCS. 2000. Fort Worth, Texas. 21 pp.

[www.in.nrcs.usda.gov/technical/agronomy/newconbuf.pdf](http://www.in.nrcs.usda.gov/technical/agronomy/newconbuf.pdf)

#### **Buffer Zone for Ground Application (groundboom, overhead chemigation, or airblast)**

Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes; reservoirs; rivers; permanent streams; marshes; natural ponds; estuaries; and commercial fish ponds).

#### **Buffer Zone for ULV Aerial Application**

Do not apply within 450 feet of aquatic habitats (such as, but not limited to, lakes; reservoirs; rivers; permanent streams; marshes; natural ponds; estuaries; and commercial fish ponds).

#### **Buffer Zone for Non-ULV Aerial Application**

Do not apply within 150 feet of aquatic habitats (such as, but not limited to, lakes; reservoirs; rivers; permanent streams; marshes; natural ponds; estuaries; and commercial fish ponds).

## **SPRAY DRIFT REQUIREMENTS**

### **Wind Direction and Speed**

Only apply this product if the wind direction favors on-target deposition.  
Do not apply when the wind velocity exceeds 15 mph.

### **Temperature Inversion**

Do not make aerial or ground applications into 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.

### **Droplet Size**

Use only medium or coarser spray nozzles (for ground and non-ULV aerial application) according to ASAE (S572) definition for standard nozzles. In conditions of low humidity and high temperatures, applicators should use a coarser droplet size.

## **Additional Requirements for Ground Applications**

Wind speed must be measured adjacent to the application site on the upwind side, immediately prior to application.

For ground boom applications, apply using a nozzle height of no more than 4 feet above the ground or crop canopy.

For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows.

To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

## **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 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."

**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.**

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OR1295112BA1214