

# RESTRICTED USE PESTICIDE

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.

## FIFRA SECTION 24(c) SPECIAL LOCAL NEED

FOR DISTRIBUTION AND USE ONLY IN OREGON

# Tundra<sup>®</sup> EC

Agricultural Insecticide

FOR USE ON CLOVER GROWN FOR SEED

EPA SLN NO. OR-170012

EPA REG. NO. 1381-196

This label valid until December 31, 2022 or until otherwise amended, withdrawn, cancelled, or suspended.

ACTIVE INGREDIENT:	By Wt.
Bifenthrin* (2 methyl[1,1'-biphenyl]-3-yl) Methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate .....	25.1%
INERT INGREDIENTS** .....	74.9%
TOTAL .....	100.0%

\*CIS Isomers 97% minimum, trans isomers 3% maximum.  
\*\*Contains xylene range aromatic solvents

KEEP OUT OF REACH OF CHILDREN

## 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 invertebrates. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not make applications 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 washwaters.

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 while bees are actively visiting the treatment area.

The use of bifenthrin is prohibited in areas that may result in exposure of endangered species to bifenthrin. Prior to use in a particular county contact the local extension service for procedures and precautions to use to protect endangered species.

### 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 label and the federal label for this product must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions and precautions on this SLN label and the main EPA-registered label.

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.

### APPLICATION INSTRUCTIONS

**General:** Apply Tundra EC at the rate of 3.9 to 6.4 fluid ounces (0.06 to 0.1 lb. active) per acre. Apply in a minimum of 5 gallons of water per acre by air or in a minimum of 20 gallons of water by ground.

**Crop/Site:** Clover grown for seed

**Target Pest:** Aphids, Lygus Bugs, Spider Mites and Weevil

**Application timing:** Make aerial or ground applications when the wind velocity favors on-target product disposition (approximately 3 to 10 MPH). Do not apply when wind velocity exceeds 15 MPH.

**Rate:** Use 3.9 to 6.4 fluid ounces (0.06 to 0.1lb. active) per acre

**Restrictions:**

- Do not enter or allow worker entry into treated areas during restricted entry interval (REI) of 12 hours.
- Do not apply more than 6.4 fluid ounces (0.1 lb. active) per acre per treatment. Do not make more than 3 applications in a crop year.
- Maintain a minimum of 21 days between Tundra EC treatments.
- Do not apply Tundra EC or allow it to drift to blooming crops or weeds while bees are actively visiting the treated area.
- Low humidity and high temperatures increases 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.
- Do not make aerial or ground applications to clover grown for seed if heavy rainfall is imminent.
- Do not apply through chemigation.

**BUFFER ZONES**

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 Bifenthrin 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. 200 Fort Worth, Texas. 21 pp.*

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

**SPECIAL CLOVER USE RESTRICTIONS**

The pesticide applicator, the producer of clover seed, 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."*

Tundra is a registered trademark of Winfield Solutions, LLC

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OR SLN 1/0609/7