

# FIFRA Sec. 24(c) Special Local Need Label

Pyroxasulfone	Group	15	Herbicide
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For Distribution and Use only in the State of Oregon



EPA Reg. No. 7969-374

EPA SLN No. OR-250012

## Residual preemergence weed control in non-bearing filberts (hazelnuts)

This label is valid until December 31, 2028, or until otherwise amended, withdrawn, canceled, or suspended.

### Active Ingredient:

**pyroxasulfone:** 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethylisoxazole ..... 41.46%

**Other Ingredients:** ..... 58.54%

**Total:** ..... 100.00%

Contains 4.17 pounds of pyroxasulfone per gallon formulated as a water-based suspension concentrate

## KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUTION

### Environmental Hazards

**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** contaminate water when disposing of equipment washwater or rinsate.

Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

**Groundwater Advisory.** This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

**Surface Water Advisory.** This product may impact surface water quality due to runoff or rainwater. This is especially true for poorly draining soils and soils with shallow groundwater. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features including ponds, streams, and springs will reduce potential loading of pyroxasulfone and its degradation product, [5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methanesulfonic acid

(M1), from runoff water and sediment. Runoff of this product will be reduced by avoiding application when rainfall is forecast to occur within 48 hours.

**Point-source Contamination.** To prevent point-source contamination, **DO NOT** mix or load this or any other pesticide within 50 feet of wells (including abandoned wells and drainage wells, sinkholes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs). This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or dike mixing/loading areas as described below. Mixing, loading, rinsing, or washing operations performed within 50 feet of a well are allowed only when conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be on or move across the pad. The pad must be self-contained to prevent surface water flow over or from the pad. The pad capacity must be maintained at 110% of that of the largest pesticide container or application equipment used on the pad and have sufficient capacity to contain all product spills, equipment or container leaks, equipment washwater, and rainwater that may fall on the pad. The containment capacity does not apply to vehicles delivering pesticide shipments to the mixing/loading

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site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Care must be taken when using this product to prevent back-siphoning into wells, spills, or improper disposal of excess pesticide, spray mixes, or rinsates. Check valves or anti-siphoning devices must be used on all mixing equipment.

## Directions For Use

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

Refer to the **Zidua® SC herbicide** main label, EPA Reg. No. 7969-374, for complete Directions For Use and all applicable restrictions, precautions, and Worker Protection Standard requirements. When following the instructions on this label, the user must have this label and the entire **Zidua SC** container label in possession at the time of application.

## Application Instructions

**Zidua SC** is a selective rate-dependent residual preemergence herbicide for controlling annual grasses, sedges, and annual broadleaf weeds. Refer to **Table 1** on the **Zidua SC** container label for a complete list of weeds controlled.

Apply **Zidua SC** preemergence before target weed germination.

Using only ground equipment, make a single application of **Zidua® SC** as a broadcast spray or banded directly to the ground beneath trees (to the base of trees but no higher) and/or in areas between rows. **DO NOT** apply over the top of trees with leaves, shoots, or buds. Contact by the spray mixture with leaves, shoots, or buds may cause injury.

**Zidua SC** may only be applied to non-bearing hazelnut trees after they have been transplanted. The transplant bed must be prepared to ensure good transplant row closure. Apply **Zidua SC** only to a uniform transplant bed which is firm and free of clods, cracks, and open channels. If soil depressions around the base of the tree exist, fill depressions with soil prior to applying **Zidua SC**.

## Application Rate

Apply **Zidua SC** in non-bearing hazelnuts at the residual rates provided in **Table 1**.

**Table 1. Residual Rates of Zidua SC in Non-bearing Hazelnuts**

Use Rate by Soil Texture <sup>1</sup> (fl ozs/A)		
Coarse	Medium	Fine
<b>DO NOT USE</b>	4.0 to 8.25 <b>DO NOT USE</b> on medium soils with <1% organic matter	4.0 to 8.25 <b>DO NOT USE</b> on fine soils with <1% organic matter

<sup>1</sup> Refer to container label for definition of soil-texture groups.

## Application Timing

A single application of **Zidua SC** may be applied per year.

**Zidua SC** may be applied to non-bearing hazelnut trees in the transplant year or in subsequent years but only when the trees are still non-bearing.

Periods of dry weather following application of **Zidua SC** may reduce herbicidal effectiveness. **Zidua SC** must be activated by at least 1/2 inch of rainfall or irrigation before weed germination and emergence.

## Crop-specific Restrictions

- **DO NOT** apply more than 8.25 fl ozs/A of **Zidua SC** (0.266 lb ai/A of pyroxasulfone) in a single application.
- Maximum number of applications per year: 1
- **DO NOT** apply **Zidua SC** before transplanting non-bearing hazelnuts.
- **DO NOT** apply to newly transplanted non-bearing hazelnuts until ground has settled and there are no cracks present.
- **DO NOT** apply by aerial application.
- **DO NOT** apply this product through any type of irrigation equipment.
- **DO NOT** feed forage or graze livestock in treated orchards.
- **DO NOT** harvest hazelnuts for at least 1 year (365 days) after the last date **Zidua SC** was applied.

## Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF Agricultural Solutions US LLC ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

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BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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