

## Supplemental Label



**Zidua**<sup>®</sup>  
Herbicide

### For weed control in peanut

This supplemental label expires May 31, 2020, and must not be used or distributed after this date.

#### Active Ingredient:

**pyoxasulfone:** 3-[[[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methyl]sulfonyl]-4,5-dihydro-5,5-dimethylisoxazole ..... 85.0%

**Other Ingredients:** ..... 15.0%

**Total:** ..... 100.0%

Contains 0.85 pound of pyoxasulfone per pound formulated as a water-dispersible granule (WG)

**EPA Reg. No. 7969-338**  
**CAUTION/PRECAUCION**

#### Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- The supplemental labeling and the entire **Zidua**<sup>®</sup> herbicide container label, EPA Reg. No. 7969-338, must be in possession of the user at the time of application.
- Read the label affixed to the container for **Zidua** before applying.
- Use of **Zidua** according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for **Zidua**.

#### Product Information

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

Periods of dry weather following application of **Zidua** may reduce herbicidal effectiveness. **Zidua** must be activated by at least 1/2 inch of rainfall or irrigation before weed germination and emergence. When **Zidua** is not activated and weeds emerge, a labeled postemergence herbicide or shallow cultivation may be needed to control weed escapes. **Zidua** does not control emerged weeds.

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#### Application Information

**Zidua** may be applied early postemergence to peanut for residual preemergence weed control.

Before applying to peanut, verify with your local seed company (supplier) the selectivity of **Zidua** on your variety to avoid potential injury.

#### Application Rate

Apply **Zidua** alone, in tank mix, or sequentially in peanut at the residual rates provided in **Table 1**.

**Table 1. Residual Rates of Zidua in Peanut**

| Application Timing  | Use Rate by Soil Texture <sup>1</sup><br>(ozs/A) |            |            |
|---------------------|--|------------|------------|
|                     | Coarse   | Medium     | Fine       |
| Early postemergence | 1.5 to 2.1                                       | 1.5 to 2.1 | 1.5 to 2.1 |

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

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## Application Timing

**Zidua**<sup>®</sup> herbicide may be applied in a single application or in sequential applications.

### Early Postemergence Application

Apply **Zidua** at use rates specified in **Table 1** as a broadcast spray to peanut from “at-cracking” stage to first true leaf stage through beginning of pod development stage. **Zidua** provides residual control of weeds germinating after application. Weeds that are already emerged at the time of application must be controlled with cultivation, or tank mix or sequential application of another herbicide labeled for postemergence control of the target weeds in peanut. **Zidua** applications to emerged peanut may result in temporary leaf burn and stunting, but a reduction in peanut yield is unexpected. Tank mixes of **Zidua** with other crop protection products or adjuvants may significantly enhance this effect. Depending upon growing conditions, recovery from this injury begins immediately but may take several weeks for the injury to dissipate entirely.

Adjuvants may be applied with **Zidua** when making early postemergence applications.

### Sequential Applications

If a sequential application program of **Zidua** is used (e.g. consecutive postemergence applications), the maximum combined rate of **Zidua** that may be applied in a cropping season (per year) is 5.0 ozs/A on all soils. Separate sequential applications by at least 14 days.

**State-specific use in Texas in areas west of Interstate 35.** Apply **Zidua** early postemergence at 1.5 ozs/A. Use of **Zidua** may result in growth suppression if heavy rainfall or irrigation (> 2 inches) occur after application. If a sequential application program of **Zidua** is used (e.g. consecutive postemergence applications), the maximum combined rate of **Zidua** that may be applied in a cropping season (per year) is 3.0 ozs/A on all soils. Separate sequential applications by at least 21 days.

### Crop-specific Restrictions

- **DO NOT** apply more than 2.1 ozs/A of **Zidua** (0.112 lb ai/A of pyroxasulfone) in a single application.
- **DO NOT** apply more than a maximum cumulative amount of 5.0 ozs/A of **Zidua** (0.266 lb ai/A of pyroxasulfone) per cropping season (per year).
- There is no required (preharvest) interval between an early postemergence application of **Zidua** and the harvest of peanut.

## Crop-specific Precautions

- **Zidua** applied early postemergence (at-cracking through first leaf stage) may result in temporary growth suppression in peanut if extreme conditions of high rainfall and extended periods of water-saturated soil occur during peanut early seedling development.

### Tank Mixes

It is the pesticide user’s responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

**Zidua** may be tank mixed or applied sequentially with one or more of, but not limited to, the following herbicide products for a broader spectrum of control and/or control of emerged weeds. Refer to the tank mix product labels to confirm that the respective tank mix products are registered for use on peanut. Follow the adjuvant recommendation for the tank mix partner of **Zidua**.

- **Basagran**<sup>®</sup> 5L herbicide
- **Cadre**<sup>®</sup> herbicide
- **Outlook**<sup>®</sup> herbicide
- **Poast**<sup>®</sup> herbicide
- **Prowl**<sup>®</sup> H2O herbicide
- **Pursuit**<sup>®</sup> herbicide
- paraquat

**Zidua** may be tank mixed or applied sequentially with fungicide or insecticide products.

## 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 CORPORATION ("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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