

Supplemental Label



Zidua[®]
Herbicide

For weed control in cotton grown on coarse soils from postemergence-directed (layby) application

This supplemental label expires May 1, 2019, 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

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**[®] 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 herbicide for controlling annual grass weeds, 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.

Application Information

Zidua can be applied postemergence-directed (layby) to cotton for residual weed control. Before applying to cotton, verify with your local seed company (supplier) the selectivity of **Zidua** on your variety to avoid potential injury.

Application Timing

Zidua herbicide may be applied in a single application.

Postemergence-directed (Layby) Application

Apply **Zidua** as a broadcast-directed spray between cotton rows from 5-leaf stage to beginning bloom stage. **Zidua** provides residual control of weeds germinating after application. **Zidua** will not control emerged weeds. Weeds emerged at the time of application must be controlled by another means, such as cultivation or a tank mix or sequential application of herbicide labeled for postemergence control of the target weeds in cotton. The use of hooded or shielded sprayers is recommended when applying **Zidua** as postemergence-directed spray. Avoid contacting cotton leaves with **Zidua** spray solution or injury may occur.

Application Rate

Apply **Zidua**® herbicide alone, in tank mix, or sequentially in cotton at the residual rates in the table following.

Application Timing	Zidua Use Rate by Soil Texture ¹ (ozs/A)
	Coarse
Postemergence-directed (Layby)	0.75 to 1.5

¹ Refer to **Zidua** container label for definition of soil-texture groups.

Crop-specific Restrictions and Limitations

- **DO NOT** apply **Zidua** as a preplant, preemergence, or postemergence over-the-top treatment in cotton.
- **DO NOT** apply more than 1.5 ozs/A of **Zidua** in a single application.
- **DO NOT** apply more than a maximum cumulative amount of 4.2 ozs/A of **Zidua** (0.223 lb ai/A of pyroxasulfone) per cropping season (per year).
- There is no required (preharvest) interval between a postemergence-directed (layby) application of **Zidua** and the harvest of cotton.
- Cotton gin byproducts may be fed to livestock.
- The use of **Zidua** may result in temporary growth suppression in cotton if extreme conditions of high rainfall and extended periods of water-saturated soil occur during cotton germination or early seedling development.

Tank Mixes

Zidua may be tank mixed or applied sequentially with one or more of, but not limited to, the following herbicide products:

- **Prowl**® H₂O herbicide
- **Sharpen**® powered by **Kixor**® herbicide
- glufosinate¹
- glyphosate²

¹ Includes postemergence-directed (layby) tank mixes on glufosinate-tolerant cotton varieties

² Includes postemergence-directed (layby) tank mixes on glyphosate-tolerant cotton varieties

Always follow the most restrictive label use directions when mixing herbicide products. Follow the adjuvant recommendation for the tank mix partner of **Zidua**.

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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1108

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