The New Standard For Weed Control in Wheat

Benefits of Zidua® Herbicide

- Residual control or suppression of tough grasses and small seeded broadleaf weeds
- New standard for use flexibility
- Activity on ALS, ACCase, and glyphosate resistant weeds
- Superior Italian ryegrass control

Resistant Italian Ryegrass Control in Winter Wheat

Zidua herbicide provides superior residual control and use flexibility in one product.

Axiom® 6 oz/A (Early POST) – followed by Axial® XL 16.4 fl oz/A (Late POST)

Zidua Herbicide 2 oz/A + Metribuzin @ 2 oz/A (Early POST)

5/1/2015, TAMU-Commerce/Jim Swart – 150 days after first treatment – Fairlie, TX

Technical Information Bulletin
Zidua® Herbicide for Resistant Italian Ryegrass Control in Winter Wheat

Best Use Recommendations

**Wheat Use Rate:** 0.7 to 2.5 oz/A  
**Labeled Crop:** Wheat, Soybean and Corn  
**Application Timing:** Delayed Preemergence* and Postemergence

- Use rate is dependent on soil texture and application timing. Please consult label for appropriate application rate in your field.

**Weeds Controlled or Suppressed:**

- **Grasses**
  - Annual bluegrass
  - Barnyardgrass
  - Bromus spp.
  - Canarygrass

- **Broadleaf Weeds**
  - Carpetweed
  - Common chickweed
  - Common ragweed
  - Flixweed
  - Kochia
  - Foxtail spp.
  - Ryegrass spp.
  - Wild oats
  - Lambsquarters
  - Marestail (horseweed)
  - Pigweed spp.
  - Wild buckwheat
  - Wild mustard

*Delayed preemergence applications are applied just before wheat emerges above the soil surface. More specifically apply Zidua herbicide when 80% of the wheat seedlings have a shoot at least 1/2 inch in length.

**General Information:**

- Zidua herbicide may be applied in water or in sprayable liquid nitrogen fertilizer solutions.
- Zidua herbicide provides outstanding residual control of tough grasses like Italian ryegrass. For optimal control of emerged Italian ryegrass Zidua herbicide should be tank mixed with a POST wheat herbicide like Axial and/or metribuzin.

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**Yield (bu/A)**

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Yield (bu/A)</th>
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<tbody>
<tr>
<td>Zidua herbicide + Axial® XL + metribuzin (EP)</td>
<td>86.8</td>
</tr>
<tr>
<td>Zidua herbicide + metribuzin (EP)</td>
<td>85.9</td>
</tr>
<tr>
<td>Zidua herbicide + Axial XL (EP)</td>
<td>82.7</td>
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<tr>
<td>Axiom® (EP) fb Axial XL (LP)</td>
<td>78.5</td>
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<td>Axial XL (LP)</td>
<td>25.8</td>
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<tr>
<td>UTC</td>
<td>11.5</td>
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</tbody>
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**Application Timing is Critical for Success**

- **Early POST** 86.8 bu/A vs. **Late POST** 45.5 bu/A

**General Use Information:**

- **Grains:** Wheat.
- **Soil pH:** 6.0 to 7.8
- **Temperature:** 50°F to 80°F
- **Moisture:** 50% to 85%

**Always read and follow label directions**

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