



# 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

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

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## Resistant Italian Ryegrass Control in Winter Wheat



**Untreated Control**



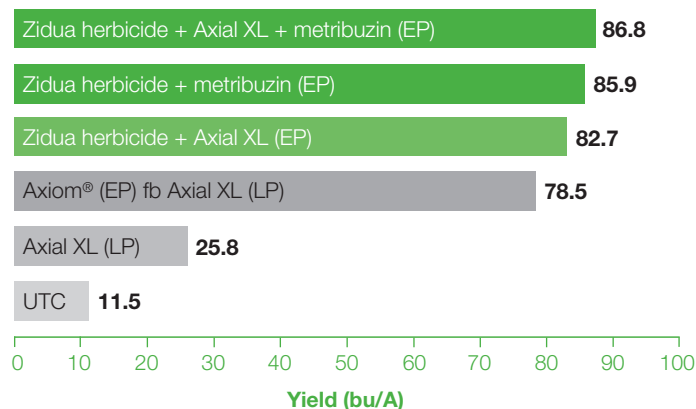
**Zidua Herbicide 1.5 oz/A + Axial 16.4 fl oz/A**

5/9/2014, NCSU, Wesley Everman – Applied EPOST – Herford, NC

Technical Information Bulletin

 **BASF**  
The Chemical Company

## Zidua® Herbicide for Resistant Italian Ryegrass Control in Winter Wheat



Early Post (EP) – 11/13/2013 (2-leaf ryegrass).

Late Post (LP) – 2/12/2014 (2-3 tiller ryegrass).

2014 Texas A&M University - Commerce Replicated Trial.

### Application Timing is Critical for Success



**Early POST**  
86.8 bu/A

vs.

**Late POST**  
45.5 bu/A

Zidua herbicide (1.5 oz/A) + Axial XL (16.4 fl oz/A) + metribuzin (2 oz/A).

Texas A&M University - Commerce, Pictures taken on May 14, 2014, Fairlie, TX.

Primary weed: ALS/ACCase-resistant Italian ryegrass.

Early POST applied on 11/13/2013 to 2-leaf ryegrass, 182 DAT.

Late POST applied on 2/12/2014 to 2-3 tiller ryegrass, 91 DAT.

Zidua herbicide must be applied with a POST wheat herbicide such as Axial XL and/or metribuzin at or prior to 2-leaf Italian ryegrass.



#### Always read and follow label directions

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Axial is a registered trademark of Syngenta. Axiom is a registered trademark of Bayer CropScience

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## Best Use Recommendations

**Use Rate:** 0.7 to 2 oz/A

**Labeled Crop:** Wheat

**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
- Foxtail spp.
- Ryegrass spp.
- Wild oats

#### Broadleaf Weeds

- Carpetweed
- Common chickweed
- Common ragweed
- Flixweed
- Kochia
- Lambsquarters
- Marestail (horseweed)
- Pigweed spp.
- Wild buckwheat
- Wild mustard

\* Delayed preemergence applications are applied as wheat emerges above the soil surface. More specifically, 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.

