



Preemergence Applications for Winter Wheat in Idaho, Montana, Oregon, and Washington

Benefits of Zidua® SC Herbicide

- Excellent residual weed control of tough grasses and small-seeded broadleaf weeds
- Resistance management for Group 2 resistant Downy Brome
- Good rotation flexibility

Best Management Practices for Preemergence Applications in Winter Wheat

- The likelihood of injury can be reduced by following these best practices:
 - Plant wheat between 1 and 1.5 inches deep
 - The seed furrow must be completely closed
 - Apply only to a uniform clod free seedbed
 - Do not apply preemergence if 0.5" or more of rain is expected before germination
 - Avoid application if a long period of rain is anticipated before wheat emergence

Italian Ryegrass Control – Moscow, ID



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

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Technical Information Bulletin

Steps to Determine Application Timing



1. Step on Furrow to Ensure Firm Seedbed **2. Measure Seed Depth**

3. Choose your application timing based on seed depth

Seed Depth	Application Timing
Between 1" and 1.5"	→ Preemergence
Less than 1" or over 1.5"	→ Delayed Preemergence*

*Defined as when 80% of the wheat seedlings have a shoot length of at least 0.5".

Rotational Crop Restrictions*

Crop	Months
Alfalfa	10
Canola	12
Chickpea	1
Grasses grown for seed	18
Lentil	1
Peas, edible podded and succulent shelled	9
Peas, dry (field)	1
Small grains other than wheat	11
Wheat	1

*Rotational crop restrictions following 3.25 fl oz/A rate of Zidua® SC herbicide. Refer to label for other crops.



To learn more about crop protection products from BASF, visit www.agproducts.basf.us

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Best Use Recommendations

- Select the rate based on soil type (see table)
- Preemergence surface: apply after planting but before wheat spiking
- Zidua SC herbicide may be applied in a sequential application program where premerge application is followed by an early postemergence application

Restrictions and Limitations:

- Do not apply more than 4.0 fl oz/A of Zidua SC herbicide per year
- Do not apply preemergence to spring or durum wheat
- Unacceptable crop injury may occur if applied to soils with less than 2% organic matter and/or pH greater than 7.5
- Do not irrigate fields after a preemergence application until wheat spiking

Grass Weeds Controlled or Suppressed:

- Italian ryegrass—control
- Rattail fescue—control
- Annual Bluegrass—control
- Downy brome—suppression
- Japanese brome—suppression

Application Rate

Apply Zidua herbicide alone, in tank mix, or sequentially in winter wheat at the residual rates in the tables below.

Zidua Herbicide Formulation	Preemergence Application Rate by Soil Texture		
	Coarse	Medium	Fine
Zidua SC Herbicide	DO NOT USE	1.75 to 3.25 fl oz/A	2.0 to 3.25 fl oz/A

Zidua® SC
Herbicide