**Tolvera™**

**HERBICIDE**

**Technical bulletin**

**Weed control**

**Broadleaves**

<table>
<thead>
<tr>
<th>Weed</th>
<th>A.I.</th>
<th>Mode of Action</th>
<th>Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bedstraw</td>
<td>Tolpyralate</td>
<td>Group 27</td>
<td>HPPD inhibitor</td>
</tr>
<tr>
<td>Buckwheat</td>
<td>Bromoxynil</td>
<td>Group 6</td>
<td>Photosynthesis II inhibitor</td>
</tr>
</tbody>
</table>

Tolvera herbicide introduces Tolpyralate (Group 27) to the cereal herbicides market. Tolpyralate provides excellent control of a variety of weeds, including many of the common herbicide-resistant biotype.

**Grasses**

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<tr>
<td>Foxtail</td>
<td></td>
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<td></td>
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<tr>
<td>Wild proso millet</td>
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</table>

See product label for full spectrum of weeds controlled or partially controlled.

**Features**

- Includes two modes of action, including a new active for the cereal herbicides market, tolpyralate, making Tolvera™ herbicide another tool to help farmers combat herbicide-resistant weeds
- Additional cross spectrum weed control option in spring wheat, winter wheat, durum and barley
- Offers control of key and hard to control broadleaves such as pigweed, wild buckwheat, kochia, wild mustards and many other broadleaf weeds
- Offers control of foxtail
- Crop rotation flexibility, can seed important pulse crops such as peas and lentils the next cropping season
- Tank-mix flexibility to address local weed spectrum needs
- Easy to apply in both warm and cold temperatures
- Favorable environmental and toxicological profile

**Application recommendations**

**Standard rate:** 11 oz/A

**Max applications:** 1 application per acre per year

**Spray volume:** Ground application: 8 gal/A

Aerial application: 5 gal/A

**Timing:** Apply 1-leaf crop growth stage up to the jointing stage (first node, Zadoks scale 31)

**Considerations:**

- Use the high rate when weeds are stressed, growth stage is more advanced, or when populations are heavy
- Apply when wind speeds are between 2-10 mph both ground and aerial
- Only weeds that have emerged at time of application will be controlled
- Efficacy is optimized when sprayed with an adjuvant. See label for recommendations
- See product label for full application restrictions

**PPE Required**

**Applicators and other handlers must wear:**

- Coveralls worn over short-sleeved shirt and short pants
- Socks and chemical-resistant footwear
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber or viton gloves for cleaning equipment and mixing/loading
- Chemical-resistant apron when cleaning equipment and mixing/loading
- Protective eyewear

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