



HERBICIDE

Technical bulletin

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

Rainfast: within 1 hour after application

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

A.I.	Mode of Action	Group
Tolpyralate	Group 27	HPPD inhibitor
Bromoxynil	Group 6	Photosynthesis II inhibitor

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.

Crop*	Rotation interval
Corn, wheat, barley	0 months
Oats, triticale, rye	3 months
Alfalfa, bean (<i>dry, green; including seed production, snap</i>), cabbage, camelina, chickpeas, canola, cotton, flax, lentils, millet, mustard crops (<i>grown for seed</i>), pea (<i>field & edible</i>), peanut, potato (<i>not for seed</i>), rice, safflower, sorghum, soybean, cucurbits, sunflower, tomato	9 months
Other crops not listed	15 months

* The rotational crops may be planted at the indicated interval following application of this product. For best results conduct a field bioassay prior to planting any broadleaf crops not listed. DO NOT plant unlisted crops prior to 15 months following application.

Weed control

Broadleaves		
Bedstraw (<i>catchweed/cleaver</i>)	Lambsquarters (<i>common</i>)	Smartweed (<i>Pennsylvania</i>)
Buckwheat (<i>wild</i>)	Mustard (<i>wild</i>)	Tansy mustard
Canola (<i>volunteer</i>)	Pigweed (<i>redroot</i>)	Waterhemp (<i>tall</i>)
Chickweed (<i>common</i>)	Shepherd's-purse	
Kochia	Smartweed (<i>pale</i>)	

Grasses	
Foxtail (<i>green, yellow</i>)	Crabgrass (<i>large</i>)
Wild proso millet	Fall panicum

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

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This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use, and product warranty and liability limitations, which must be read before using the product(s). Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label direction and precautions for use when using any pesticide alone or in tank-mix combinations. Always read and follow label directions. ©2023 Corteva. CA01-137-100 COR (03/23)

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Tolvera™ herbicide has not yet received regulatory approvals. The information presented here is not an offer for sale.