

Tolvera™

HERBICIDE

Improved Weed Control with Crop Rotation Flexibility



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

Application Recommendations

Standard rate: 11 - 14.7 oz/A

Max Annual Acre Applications: 1

Spray volume: Ground – 8 gal/A
Aerial – 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.

Tolvera™ herbicide provides effective broadleaf and grass weed control in spring and winter wheat, durum and barley. The product features two modes of action: tolpyralate, an active ingredient new to the cereals market; and bromoxynil. These two modes of action help combat the spread of resistant weeds while providing flexibility in application and crop rotation.

Features

- Brings an underutilized mode of action and a new active ingredient to the cereals market to help combat resistance development and control resistant weeds.
- Offers control of high-anxiety broadleaf weeds and grasses, such as kochia, foxtail, barnyardgrass, lambsquarters, resistant waterhemp, wild buckwheat and wild mustards.
- Nine-month plant-back rotation to most major crops, giving growers the freedom to rotate to the crop that best improves profitability potential.
- Tank-mix flexibility to address local weed spectrum needs.

Crop				Rotation Interval*
Barley	Corn (field, sweet, and popcorn)	Wheat		0 months
Grasses (for seed and forage)	Oats	Triticale	Rye	3 months
Alfalfa	Cotton	Pea (field and edible)	Sorghum	9 months
Bean (dry, green, snap)	Cucurbits	Peanut	Soybean	
Cabbage	Flax	Potato (not for seed) [†]	Sugar beets	
Camelina	Lentils		Sunflower	
Chickpeas	Millet	Rice	Tomato	
Canola	Mustard Crops (grown for seed)	Safflower		
Other crops not listed				

* Minimum number of months that must pass before planting other crops after application of Tolvera.

[†] For rotation to potatoes (not for seed) and sugar beets, precipitation (including irrigation) must be greater than 8.0 inches during the 9 months following application of Tolvera. Otherwise rotation to potatoes and sugar beets is advised 15 months following application.

Weed control

C - Controlled S - Suppressed

Broadleaf

C	Amaranth, <i>Palmer, Powell</i>	C*	Kochia	C	Shepherd's-purse
C*	Bedstraw, <i>catchweed / cleaver</i>	C	Lambsquarters, <i>common</i>	C	Smartweed, <i>pale, Pennsylvania</i>
C*	Buckwheat, <i>wild</i>	C	London rocket	C	Sowthistle, <i>annual, spiny</i>
C	Canola, <i>volunteer</i>	C	Mallow, <i>common, low, Venice</i>	S	Sowthistle, <i>perennial</i>
S/C†	Chickweed, <i>common</i>	S	Mayweed, <i>chamomile/dogfennel</i>	C	Soybean, <i>volunteer</i>
S	Dock, <i>curly</i>	C	Mustard, <i>birdsrape/wild turnip, black, blue, tumble/Jim Hill mustard, white, wild</i>	C	Sunflower, <i>common, volunteer</i>
C	Field pennycress	S	Pepperweed, <i>Virginia</i>	C	Tansy mustard
C	Hawksbeard, <i>narrowleaf</i>	C	Pigweed, <i>prostrate, redroot, Russian, smooth</i>	S	Thistle, <i>Canada</i>
C	Hempnettle, <i>common</i>	S	Prickly lettuce (<i>China Lettuce</i>)	C	Thistle, <i>Russian</i>
S	Henbit	C	Radish, <i>wild</i>	C	Waterhemp, <i>tall</i>
S	Horseweed/Marestail	C	Ragweed, <i>common, giant</i>		

Grass

C	Barnyardgrass	C	Crabgrass, <i>large</i>	C*	Foxtail, <i>green, yellow</i>
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*For control of plants at more advanced growth stages, use the higher rate of 14.7 fl oz/A

† Chickweed suppressed at 11 fl oz/A and controlled at 14.7 fl oz/A

See label for full details

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