

THRASHER

# MANA BROADLEAF WEED CONTROL

HERBICIDE

# THRASHER®

Bromoxynil & 2,4-D Ester

**Thrasher herbicide beats Thumper® with broad-spectrum broadleaf weed control at a fair price.**



In cereal crops, Thrasher delivers control of tough broadleaf weeds, with great tank-mix options and a price that delivers better bang for the buck.

**Tough broadleaf weed control at a fair price:** Same control of tough weeds like kochia, Russian thistle and wild buckwheat.

**Return on investment:** In spring wheat, durum wheat and barley, kochia and other tough broadleaf weeds can soon choke the yield out of your crop. Value priced Thrasher helps you optimize yields by taking care of broadleaf weed competition.

**Dual modes of action:**

Containing the active ingredients bromoxynil and 2,4-D ester, Thrasher has both Group 4 and 6 modes of action. Dual modes of action provide better herbicide resistant management than single acting chemistries.

**Wide window of application:**

Control many broadleaf weeds from the 1 to 8 leaf stage.

**Tank-mixable for one-shot weed control:**

For one-pass weed control, Thrasher is tank-mixable with grassy weed herbicides, Liquid Achieve®, Avenge®, Horizon® and Puma® Super.

**Key weeds:**

- Kochia, including Group 2-resistant biotypes
- Russian thistle
- Wild buckwheat
- Volunteer canola, including herbicide-tolerant types



**Fair Price.  
Brand Results.**

## Application and Use Guidelines:

**Crop staging:** Apply Thrasher at the 4 leaf to early flag leaf stage for best crop timing.

**Convenient rates:** Apply at a rate of 500 mL/acre. Thrasher is conveniently packaged so that one case treats 40 acres. (One 10-litre jug treats 20 acres.)

**Cover ground fast:** For ground application, apply in 20 to 40 L of water/acre. For aerial application, apply in a minimum of 12 to 16 L of water/acre. For best results when there is a heavy crop canopy, or when the majority of the weeds are cow cockle, smartweed or pigweed, use higher water volumes.

**Crop safe:** Apply in good growing conditions. Applications must be made before the crop shields the weeds.

**Mixing instructions:** Add required amount of Thrasher to a sprayer that is one-half full of water. Agitate, fill the tank and agitate again before use. Follow mixing instructions on tank-mix partner labels.

**Beat the weather:** Thrasher is rainfast in one hour.

## Weeds Controlled:

	Leaf Stage*		Leaf Stage*
American nightshade	4 leaf	Pale smartweed	4 leaf
Ball mustard	4 leaf	Redroot pigweed	4 leaf
Bluebur	4 leaf	Russian thistle	5 cm high (2-12 leaf)
Cocklebur	4 leaf	Shepherd's-purse	4 leaf
Common buckwheat	8 leaf	Stinkweed	8 leaf
Common groundsel	8 leaf	Tartary buckwheat	8 leaf
Common ragweed	4 leaf	Triazine resistant pigweed	4 leaf
Cow cockle	4 leaf	Velvetleaf	8 cm high
Flixweed	4 leaf	Volunteer canola (all types)	4 leaf
Green smartweed	4 leaf	Volunteer sunflower	4 leaf
Kochia	5 cm high (1-12 leaf)	Wild buckwheat	8 leaf
Lady's-thumb	4 leaf	Wild mustard	8 leaf
Lamb's-quarters	8 leaf		
Night-flowering catchfly	4 leaf		

\*Weeds can be controlled up to the recommended stage.



## Quality Products. Competitive Prices.

MANA makes sense for growers, for channel partners, for agriculture. Headquartered in Winnipeg, Manitoba, MANA Canada currently offers nearly 20 branded insecticides, fungicides and herbicides from a portfolio of more than 18 strategic active ingredients – and our product portfolio continues to grow. As the North American arm of the world's largest off-patent manufacturer and the seventh largest agrochemical company, MANA provides best-in-class formulations, regulatory capabilities, and field research.

MANA is the right crop protection partner because we offer a consistent supply of superior formulations sold at fair prices. Our proven products are efficiently manufactured to the highest standards and value-priced to optimize the profitability potential of your business. Control, consistency and cost are the MANA advantages.

For more information contact your MANA representative to discuss your local crop protection needs.



**MANA**  
CANADA

Crop Protection

**Fair Price.**  
**Brand Results.**

manainc.ca