



TOPLINE®

It controls a wide spectrum of broadleaf weeds with excellent wild buckwheat, cleavers and chickweed control. It also gives you multiple modes of action in wheat, barley and oat crops.



Herbicide Groups:

Group 2 (Florasulam) and Group 4 (MCPA)

Active Ingredients:

Florasulam 50 g/L = SC and MCPA 2-ethylhexyl ester 600 g a.e./L = EC

Application Rates and Acres Treated:

Rate: Florasulam: 40 ml/ac; MCPA Ester 600: 230 ml/ac

Acres Treated: 40 ac/case

Packaging:

Case: Florasulam: 1 x 1.6 L jug; MCPA Ester 600: 1 x 9.33 L jug

REGISTERED CROPS:

- Barley
- Oats
- Wheat (spring, durum)

WEEDS CONTROLLED:

1 – 4 leaf stage:

- Ball mustard
- Burdock
- Common chickweed
- Cleavers
- Cow cockle
- Flixweed
- Hempnettle¹
- Lamb's quarters
- Redroot pigweed
- Russian pigweed
- Prickly lettuce
- Ragweed
- Shepherd's purse
- Smartweed
- Stinkweed
- Sunflower (annual)
- Volunteer canola²
- Wild buckwheat
- Wild mustard

Suppressed:

- Annual sow thistle
- Canada thistle¹
- Dandelion^{1,3}
- Plantain⁴
- Perennial sow thistle
- Stork's bill¹

¹ For heavy infestations, add 47 ml/ac of MCPA ester for improved control.

² Including all herbicide-resistant varieties.

³ Seedlings and overwintered rosettes less than 6 inches.

⁴ Top growth control only.



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HOW IT WORKS:

The Group 2 herbicide inhibits the production of the ALS enzyme in plants. This enzyme is essential for the production of certain amino acids required for plant growth. The Group 4 herbicide disrupts normal plant growth, resulting in epinasty and death of susceptible plants.

CROP STAGING:

Expanded 3-leaf up to the 6-leaf stage.

RAINFASTNESS:

2 hours

WATER VOLUME:

- Ground: 40 L/ac (10 US gal/ac)
- Aerial: Do not apply.

REGISTERED AND SUPPORTED TANK MIXES:

Wheat and barley:

- Assert® 300 SC
- BRAZEN™ II

Wheat only:

- Everest® 3.0
- LADDER ALL IN®
- Simplicity® GoDRI

For tank mixes with registered pest control products, the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Buffer Zones must be followed for each product. In cases where these requirements differ between the tank-mix partner labels, the most restrictive label must be followed.

MIXING INSTRUCTIONS:

1. After filling the spray tank ½ full with water, and with agitation running, add the required amount of Florasulam 50 SC, followed by the required amount of MCPA 2 EH Ester 600.
2. Fill tank with remaining water.

Note: Do not add a surfactant to this mixture.

CROP ROTATIONS:

Wheat, barley, oats, canola and field peas may be grown the year following an application.

PRE-HARVEST INTERVAL:

60 days

STORAGE:

- May be stored at any temperature.
- Shake well before use.

GRAZING RESTRICTIONS:

- Do not cut for feed or hay or allow lactating dairy animals to graze treated crops or within 7 days of application.
- Withdraw meat animals from treated feed 3 days prior to marketing.

QUICK TIPS:

TOPLINE® is well suited to dark brown, black and grey soil zones where cleavers, hempnettle, wild buckwheat and volunteer canola are main concerns.

Strong on weeds susceptible to Group 2's (chickweed, hempnettle, redroot pigweed).



ADAMA

Always read and follow label directions.
Toll-free: 1.855.264.6262
Website: ADAMA.COM/CANADA

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