

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.



Active Ingredients:

Florasulam and MCPA

Herbicide Groups:

Group 2 (Florasulam) and Group 4 (MCPA)

Formulation:

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

Application Rates and Packaging:

1 x 1.6 L Florasulam 50 SC jug + 1 x 9.33 L MCPA 2-EH Ester 600 jug/case

40 ml/ac Florasulam 50 SC + 230 ml/ac MCPA 2-EH Ester 600

One co-pack case treats 40 ac

REGISTERED CROPS:

Barley

Oats

Wheat

(spring, durum)

WEEDS CONTROLLED:

1-4 leaf stage:

- Ball mustard
- Burdock
- Common chickweed
- Cleavers
- Cow cockle
- Flixweed
- Hempnettle¹
- Shepherd's purse

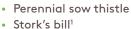
Lamb's quarters

- · Redroot pigweed
- Russian pigweed
- Prickly lettuce
- Ragweed
- Smartweed

Suppressed:

- Annual sow thistle
- Canada thistle¹
- Dandelion^{1,3}
- Plantain⁴

- Stinkweed
- Sunflower (annual)
- Volunteer canola²
- Wild buckwheat
- Wild mustard
- 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: RAINFASTNESS:

Expanded 3-leaf up to the 6-leaf stage. 2 hours

WATER VOLUME:

Ground: 40 L/ac

REGISTERED AND SUPPORTED TANK MIXES:

Wheat and barley:

- Assert®
- Axial[®]
- BRAZEN™II

Wheat only:

- Everest® 2.0
- LADDER ALL IN™
- Simplicity[™]

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.

STORAGE:

• Store in dry, heated area.

 If frozen, bring to room temperature and agitate before use.

PRE-HARVEST INTERVAL:

60 days

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).

