



# Proven control of annual and perennial broadleaf weeds

## What is Refine® M herbicide?

Refine® M herbicide is trusted by growers to deliver consistently powerful performance against both annual and perennial broadleaf weeds in barley, oats and wheat. Among the 30 weeds controlled or suppressed, it delivers standout activity against many of the toughest broadleaves you face.

## How does Refine® M herbicide help my farm business?

**Performs on tough weeds.** Refine® M herbicide provides excellent control of hard-to-kill weeds including dandelion, lamb's-quarters, chickweed, redroot pigweed, Canada thistle and volunteer canola (all types including Clearfield®). It also suppresses perennial sow thistle.

**Effective at managing resistance.** Refine® M herbicide contains both Group 2 and Group 4 herbicides to help you manage weed resistance and keep your future herbicide options open.

**Flexible application.** This product is applied from the 3-leaf stage to just before flag leaf.

**No re-cropping restrictions.** Plant any crop you like the year after applying Refine® M herbicide.

## When and how do I apply Refine® M herbicide?

Refine® M herbicide is applied at a rate of 40 ac/jug (12 g/ac Refine® SG herbicide + 190 mL/ac MCPA Ester 600). In terms of timing, the window of application is from the 3-leaf stage to just before flag leaf.

For Canada thistle, apply when the majority of thistles have emerged and are actively growing. Later-emerging thistles will not be controlled. For best results on dandelions, apply when dandelions are small (<15 cm diameter) and actively growing.

GROUPS  
2 | 4

### Quick facts:

**Application timing:**

3-leaf stage to just before flag leaf

**Packaging:**

Case = 486 grams + 7.6L (case treats 40 acres)

**Water volume:**

Minimum 10 gal/ac (100L/ha)

No re-cropping restrictions the following year

Add a registered non-ionic surfactant (NIS), such as Agral® 90 or Ag-Surf® at 2 L/1000 L of spray solution (0.2% v/v). If treating with a grass herbicide, use the surfactant provided with that product.

### Crops

- Barley
- Oats
- Wheat (durum, spring, winter)

### Weeds

- Ball mustard
- Canada thistle<sup>1</sup>
- Chickweed (1-6 leaf)
- Cleavers<sup>1</sup> (1-3 whorls)
- Common groundsel
- Corn spurry
- Cow cockle
- Dandelion (spring and fall rosettes; < 15 cm diameter)
- Flixweed
- Green smartweed
- Hemp-nettle
- Kochia
- Lady's-thumb
- Lamb's-quarters
- Narrow-leaved hawk's-beard
- Redroot pigweed
- Round-leaved mallow<sup>1</sup>
- Russian thistle
- Scentless chamomile<sup>1</sup>
- Shepherd's purse
- Sow thistle<sup>1</sup>
- Stinkweed
- Stork's-bill<sup>1</sup> (2-6 leaf)
- Tartary buckwheat
- Toadflax<sup>1</sup>
- Volunteer canola
- Volunteer sunflower
- Wild buckwheat
- Wild mustard

<sup>1</sup>Suppression

**Questions? Ask your retailer about Refine® M herbicide today.**

Always read and follow label instructions. Member of CropLife Canada.

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