

## **SPECIFIC WEED PROBLEMS - CEREALS (CANADA THISTLE)**

### General Information

#### GENERAL INFORMATION

This product is a dry flowable granule that is used for selective post-emergence weed control in wheat (including durum), barley, oat, triticale and fallow. The best control is obtained when this product is applied to young, actively growing weeds. The use rate will depend on weed spectrum and size of weed at time of application. The degree and duration of control may depend on the following:

- weed spectrum and infestation intensity
- weed size at application
- environmental conditions at and following treatment

This product is noncorrosive, nonflammable, nonvolatile, and does not freeze. This product should be mixed in water and applied as a uniform broadcast spray.

#### BIOLOGICAL ACTIVITY AND ENVIRONMENTAL CONDITIONS

This product is absorbed primarily through the foliage of plants, rapidly inhibiting the growth of susceptible weeds. One to 3 weeks after application to weeds (2 to 5 weeks for wild garlic), leaves of susceptible plants appear chlorotic, and the growing point subsequently dies.

This product provides the best control in vigorously growing crops that shade competitive weeds. Weed control in areas of thin crop stand or seeding skips may not be as satisfactory. However, a crop canopy that is too dense at application can intercept spray and reduce weed control.

The herbicidal action of this product may be affected in crops stressed from adverse environmental conditions (such as extreme temperatures or moisture), abnormal soil conditions, cultural practices, or variations in crop variety. In warm, moist conditions, the expression of herbicide symptoms is accelerated; in cold, dry conditions, expression of herbicide symptoms is delayed. In addition, weeds hardened-off by drought stress are less susceptible to this product.

#### Limitations, Restrictions, and Exceptions

##### SPECIFIC WEED PROBLEMS - CEREALS

Canada thistle: For control in wheat, barley and triticale, use 0.6 oz per acre plus surfactant when all thistles are 4" to 8" with 2" to 6" of new growth. Make the application in the spring. Control will be improved by using this product in combination with 2,4-D (refer to TANK MIXTURES).

For control in oat, use 0.4 oz of this product per acre plus 2,4-D (refer to TANK MIXTURES).

#### Method

[N.A.](#)

#### Rates

[field rates 0](#)

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#### Restricted Entry Interval

12 hours

#### Timings

[In the spring, when all thistles are 4" to 8" with 2" to 6" of new growth.](#)