

PM 23

62719-48

4/20/98

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Dennis H. Lade, Ph.D.  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

APR 20 1998

Dear Dr. Lade:

Subject: Curtail® Herbicide  
EPA Registration No. 62719-48  
Application and Letter Dated April 6, 1998, Request  
To Amend Labeling (Request for Supplemental Labeling:  
To Add Postemergence Broadleaf Weed Control in Field  
Corn and To Add Postemergence Broadleaf Weed Control  
in Field Corn, Directed Spray)

The proposed subject amendments to the labeling of Curtail Herbicide has been reviewed and found acceptable for registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended, provided that you:

- o Submit one (1) printed copy of your final printed supplemental labels before you release the subject product for shipment bearing these labels.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA, section 6(e). Your release for shipment of the product constitutes acceptance of this condition.

Stamped copies of the proposed labels are enclosed for your records.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

Enclosure: Two Supplemental Labels

CONCURRENCES

SYMBOL							
SURNAME							
DATE	Wilson:Diskette-ABC#33:04-20-98						

# Supplemental Labeling



Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

## Curtail\*

EPA Reg. No. 62719-48

### Postemergence Broadleaf Weed Control In Field Corn

#### ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Curtail before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Curtail according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Curtail.

#### Directions for Use

Curtail\* herbicide is recommended for postemergence control of susceptible broadleaf weeds and suppression of Canada thistle in field corn. Apply broadcast using a spray volume of 10 or more gallons per acre. Only susceptible weeds that are emerged at the time of application will be controlled. Refer to the label for Curtail for broadleaf weeds controlled. For best results on Canada thistle, apply after the majority of basal leaves have emerged, but within the range of corn growth stages described below. Applied as recommended, Curtail will suppress top growth of Canada thistle for 6 to 8 weeks, but some regrowth may occur by the end of the season. Carefully follow spray drift precautions on the product label for Curtail.

**Application Timing:** Apply to corn with up to, and including, 4 visible leaf collars or when the corn is less than 8 inches tall (measured to top of leaf canopy), whichever occurs first. Do not apply once corn is 8 inches tall (measured to top of leaf canopy) or the fifth leaf collar is visible, whichever occurs first. **Note:** This product contains 2,4-D herbicide. If the growing point of corn has emerged above the soil surface at the time of application, injury from Curtail is likely to occur. Apply within the corn growth stages described above to reduce the potential for injury. However, do not apply Curtail unless the risk of injury is acceptable.

**Application Rate and Tank Mixing:** Apply Curtail at the rate of 2 pints per acre. For increased control of Canada thistle, Curtail may be tank mixed with Stinger\* herbicide at the rate of 1/8 to 3/8 pt/acre (2 to 6 fl oz/acre). Do not apply more than 3/8 pint/acre (6 fl oz) of Stinger to corn that is treated with Curtail. See the label for Stinger for applicable use directions, precautions, and limitations, as well as additional information on control of Canada thistle.

**Use of Surfactants:** Although usually not necessary, use of an agriculturally approved non-ionic surfactant can increase effectiveness on weeds. Surfactant use, however, may also increase the potential for corn injury, particularly under conditions of plant stress. If added to the spray mixture, do not exceed a concentration of 0.25% (v/v).

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

APR 20 1998

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended for the pesticide  
registered under EPA Reg. No.

62719-48

**Precautions:**

If Curtail is applied when corn is growing rapidly under conditions of high temperature and abundant soil moisture, delay cultivation or other mechanical field operations for 7 to 10 days to allow the crop to overcome any temporary stalk brittleness. For best weed control results, delay cultivating or fertilizing with shank-type applicators for 14 to 20 days after application to allow for thorough translocation of the herbicide in weeds.

**Restrictions:**

In corn, do not apply more than 2 pints/acre of Curtail or make more than one application per use season. Do not allow livestock to graze treated areas or harvest treated corn silage as feed within 40 days after treatment.

Do not apply to field corn grown for seed, corn inbred lines, or source varieties used in plant breeding.

Do not apply to sweet corn or popcorn.

Rotation crop restrictions in the label for Curtail must be followed.

Do not apply more than 3/8 pint (6 fl oz) per acre of Stinger to fields treated with Curtail. The total dose of the active ingredient clopyralid must not exceed 0.25 lb a.i./ acre per use season.

\*Trademark of Dow AgroSciences LLC  
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122-13-004.doc  
EPA-accepted   /  /    
Initial printing.

# Supplemental Labeling



Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

## Curtail\*

EPA Reg. No. 62719-48

### Postemergence Broadleaf Weed Control In Field Corn - Directed Spray

#### ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Curtail before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Curtail according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Curtail.

#### Directions for Use

Curtail\* herbicide is recommended for postemergence control of susceptible broadleaf weeds and suppression of Canada thistle in field corn. Apply as a directed spray using a spray volume of 10 or more gallons per acre. Only susceptible weeds that are emerged at the time of application will be controlled. Refer to the label for Curtail for broadleaf weeds controlled. For best results on Canada thistle, apply after the majority of basal leaves have emerged. Applied as recommended, Curtail will suppress top growth of Canada thistle for 6 to 8 weeks, but some regrowth may occur by the end of the season. Carefully follow spray drift precautions on the product label for label for Curtail.

**Application Timing:** Curtail may be applied as a directed spray using drop nozzles during the interval between when corn is 8 inches tall (measured to the top of leaf canopy) or the fifth leaf collar is visible, whichever occurs first, and when the corn is 24 inches tall (measured to the top of leaf canopy). Do not apply Curtail to corn greater than 24 inches tall. Use drop nozzles to direct the spray toward the soil surface and avoid contact with corn foliage to reduce the potential for corn injury. **Note: This product contains 2,4-D herbicide. Corn treated with 2,4-D may become temporarily brittle. Winds or cultivation may cause stalk breakage during the period of time when the corn is brittle. The potential for corn injury may be reduced, but not eliminated, by following the application directions given above. However, do not apply unless the risk of injury is acceptable.**

**Application Rate and Tank Mixing:** Apply Curtail at the rate of 2 pints per acre. For increased control of Canada thistle, Curtail may be tank mixed with Stinger\* herbicide at the rate of 1/8 to 3/8 pt/acre (2 to 6 fl oz/acre). Do not apply more than 3/8 pint/acre (6 fl oz) of Stinger to corn that is treated with Curtail. See the label for Stinger for applicable use directions, precautions, and limitations, as well as additional information on control of Canada thistle.

**Use of Surfactants:** Although usually not necessary, use of an agriculturally approved non-ionic surfactant can increase effectiveness on weeds. Surfactant use, however, may also increase the potential for corn injury, particularly under conditions of plant stress. If added to the spray mixture, do not exceed a concentration of 0.25% (v/v).

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

APR 20 1998

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

62719-48

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**Precautions:**

If Curtail is applied when corn is growing rapidly under conditions of high temperature and abundant soil moisture, delay cultivation or other mechanical field operations for 7 to 10 days to allow the crop to overcome any temporary stalk brittleness. For best weed control results, delay cultivating or fertilizing with shank-type applicators for 14 to 20 days after to allow for thorough translocation of the herbicide in weeds.

**Restrictions:**

In corn, do not apply more than 2 pints/acre of Curtail or make more than one application per use season.

Do not apply to field corn taller than 24 inches (measured to the top of the leaf canopy).

Do not allow livestock to graze treated areas or harvest treated corn silage as feed within 40 days after treatment.

Do not apply to field corn grown for seed, corn inbred lines, or source varieties used in plant breeding.

Do not apply to sweet corn or popcorn.

Rotation crop restrictions in the label for Curtail must be followed.

Do not apply more than 3/8 pint (6 fl oz) per acre of Stinger to fields treated with Curtail. The total dose of the active ingredient clopyralid must not exceed 0.25 lb a.i./ acre per use season.

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Initial printing.