

# DACTHAL® FLOWABLE HERBICIDE

**Dacthal® Flowable Herbicide** is a preemergent herbicide that controls certain labeled grass and broadleaf weeds and can reduce labor and the need for hand weeding. **Dacthal** has high crop safety and is registered in several crops, including onions, cole crops, strawberries and many other vegetable crops.

## Mode of Action

The active ingredient in **Dacthal** is DCPA (dimethyl tetrachloroterephthalate). DCPA inhibits the microtubule assembly in susceptible weeds. **Dacthal** is a Group 3 herbicide (HRAC) with no known herbicide resistance.

**Dacthal** degradation is through microbial breakdown in the soil, is not degraded by ultraviolet radiation from sunlight and is persistent in the soil for over 60 days. These characteristics result in negligible losses after application and moderate soil residual to control weeds after application.

*(Source: Herbicide Handbook, Weed Science Society of America)*

## Application

- Apply **Dacthal** preplant incorporated, preemergence after seeding or over transplants.
- The seedbed should have no emerged weeds present at the time of application.

## Crop Safety

**Dacthal** kills susceptible plant seedlings by inhibiting early root growth. **Dacthal** is not absorbed by plant foliage or translocated in plants. These herbicide characteristics result in excellent crop tolerance when applied prior to planting labeled crops and when applied over transplanted crops.

*(Source: Herbicide Handbook, Weed Science Society of America)*

## Registered Crops\*

Brassica leafy vegetables crop group includes broccoli, Chinese (gai lon, white flowering) broccoli, broccoli raab (rapini), Brussels sprouts, cabbage, Chinese cabbage (bok choy, napa, tight-heading varieties), Chinese mustard cabbage (gai choy), cauliflower, cavalo broccolo, collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach and rape greens.

*\*Please consult the full label for crop-specific recommendations and follow all label recommendations.*

## Key Weeds Controlled By Dacthal Flowable: \*\*

### Grasses:

Smooth and	Lovegrass
Large Crabgrass	Witchgrass
Green and	
Yellow Foxtail	

### Broadleaf Weeds:

Burning Nettle	Florida Pusley
Carpetweed	Lambsquarters
Common Chickweed	Purslane
Field Pansy	

*\*\*See label for complete list of susceptible and moderately susceptible weeds.*

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## Recommended Rates

Apply **Dacthal Flowable Herbicide** at 6–14 pt/A depending upon soil type. Adjust use rates based on soil type and organic matter content.

Soil Type	Organic Matter (%)	Broadcast Rate (pt)
Light-Sand or Sandy Soil	0–3	6–8
Medium-Silt Loam	0–3	8–10
Heavy-Clay Loam	0–3	10–14
Heavy-Silt Loam	3–5	12–14

*Use the maximum rate for each soil type when moderately susceptible weeds are present.*

*Dacthal must receive at least 0.5 inches of water within 3 to 5 days after application to activate **Dacthal Flowable Herbicide** for preemergence weed control. Bed tops must be thoroughly wet if furrow irrigation is used. Shallow incorporation will activate the herbicide when water does not occur during the 5-day interval.*



Kohlrabi cabbage

## For Use in California:

- To prevent off-site movement and deposition on unlabeled crops, apply **Dacthal Flowable Herbicide** as a banded application in all counties from January 1 through July 31.
- Broadcast applications of **Dacthal Flowable Herbicide** may be made from August 1 through December 31 in the following counties: Fresno, Tulare, Kern, San Bernardino, Los Angeles, Riverside, San Diego and Imperial.
- Use a minimum of 50 gallons of water per acre for broadcast applications.

For more information on **Dacthal Flowable**, contact your retailer or local AMVAC<sup>®</sup> representative. To learn more about the entire AMVAC portfolio, visit our website at [AMVAC.com](http://AMVAC.com).

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