

WEED-RITE™
DACTHAL® GRANULES

A Selective Pre-emergence Herbicide

For Control of Annual Grasses and Certain Broadleaved Weeds

IN HOME FLOWER AND VEGETABLE GARDENS

CONTAINS 2.5% DACTHAL

ACTIVE INGREDIENT:

Dimethyl ester of tetrachloroterephthalic acid*	2.5%
INERT INGREDIENTS:	97.5%
Total	100.0%

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*Use as a pre-emergence herbicide patented under U. S. Patent No. 2,923,634.

USDA Reg. No. 2393-176

CAUTION

(18 Pt. Type)

(Note: Front Panel
over 30 sq. in.)

KEEP OUT OF REACH OF CHILDREN

(12 Pt. Type)

May cause irritation of skin and throat. Avoid inhalation of dust. Do not store near feed and foodstuffs, seed, fertilizers, or other pesticides in order to prevent contamination. Store in dry place. Do not graze on treated areas or feed plant refuse to livestock. Do not take internally. Avoid contact with eyes. Wash after handling or using.

USE ONLY ON CROPS OR PLANTS SPECIFICALLY LISTED ON THIS LABEL.
SEE SIDE PANELS FOR TERMS OF SALE AND COMPLETE USE INSTRUCTIONS.

NET WEIGHT

3 POUNDS

Packed by
HOPKINS AGRICULTURAL CHEMICAL CO.
Madison, Wisconsin

NOV 17 1967
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U.S. DEPARTMENT OF AGRICULTURE

WEED-RITE DACTHAL GRANULES are a 2.5% granular Dacthal formulation for use as a pre-emergence application for control of crabgrass and other annual grasses and certain broadleaved weeds on mineral soils. WEED-RITE DACTHAL GRANULES are recommended for use on:

Home Flower Gardens Strawberries Nursery Stock Vegetables

Seeded - Beans (dry, snap), broccoli, Brussels sprouts, cabbage, cauliflower, collards, cucumbers, garlic, kale, lettuce (head and leaf), melons (cantaloupe, honeydew, watermelon), mustard greens, onions, potatoes (whole or cut pieces), southern peas (blackeyed), squash (summer and winter), turnip greens and turnips.

Transplants - Broccoli, Brussels sprouts, cabbage, cauliflower, eggplant, garlic, peppers, onions, sweet potatoes, tomatoes and yams.

GENERAL RECOMMENDATIONS

For the control of grasses and some broadleaved weed species, such as smooth and hairy crabgrass, green foxtail, yellow foxtail, lovegrass, witchgrass, carpetweed, common chickweed, lambsquarters, purslane and Florida pussley, WEED-RITE DACTHAL GRANULES are recommended at the rate of 3 lbs. per 375 sq. ft. or 1 lb. (approx. 1 quart) for 125 sq. ft. A slightly higher rate of application (up to 3 lbs. per 300 sq. ft.) may be required for control of Barnyardgrass, annual bluegrass, ground cherry, dodder, browntop panicum, goosegrass, Johnson grass from seed, redroot pigweed, sesbania (*S. macrocarpa*) and nodding spurge.

When WEED-RITE DACTHAL GRANULES are used at the recommended rate, up to 3 months weed control can be expected. Bermudagrass, Johnson grass established from rhizomes, nutgrass, gallinsoga, wild mustard, ragweed, smartweed and velvetleaf have not been effectively controlled with this product.

The application should be made to a uniform weed-free soil surface within two or three days maximum following cultivation to prevent subsurface germinating weeds from becoming established before the Dacthal is activated. Disturbing the soil surface following application will reduce effectiveness. Rate of application can be reduced by banding.

If there is no effective rain within 3 to 4 days after WEED-RITE DACTHAL GRANULES are applied, sprinkler irrigation should be used for best results.

WEED-RITE DACTHAL GRANULES are normally applied by the shaker method. The ideal way of doing this is to measure off the area to be treated into small plots and then evenly spread the prescribed quantity of Dacthal Granules over this area; 1 pound (1 quart) treats 125 sq. ft. (area 12.5 ft. by 10 ft.), 1 cupful treats approximately 30 sq. ft.

ANY APPLICATION OF WEED-RITE DACTHAL GRANULES SHOULD BE MADE PRIOR TO WEED SEED GERMINATION.

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flowers, shrubs and ornamentals; Abelia, Arbor-vitae, Ash, Azalea, Barberry, Boxwood, Birch, Camellia, Chestnut, Cotoneaster, Cottonwood, Crab apple, Cypress, Deutzia, Dogwood, Elaeagnus, Elm, Euonymus, Fir, Forsythia, Gum, Hawthorn, Holly, Hydrangea, Japanese andromeda, Juniper, Lantana, Lilac, Locust, Magnolia, Maple, Mock orange, Mountain-laurel, Oak, Pachistima, Pine, Pittosporum, Podocarpus, Poplar, Privet, Redbud, Rhododendron, Rose, Russian olive, Spirea, Spruce, Sycamore, Tree peony, Tulip tree, Variegated privet, Viburnum, Walnut, Weigela, Willow, Yew, Baltic ivy, Boston ivy, English ivy, Honeysuckle, Pachysandra, Wilson ivy, Ageratum, Alyssum, Aster, Baby's-breath, Bellflower, Bleeding-heart, Blood-leaf, Bugloss, Candle larkspur, Candytufts, Cinquefoil, Chrysanthemum, Columbine, Coleus, Coreopsis, Coral-bells, Cosmos, Cuphea, Dahlia, Delphinium, Evening primrose, Fernleaf yarrow, Feverfew, Forget-me-not, Four-O'clock, foxglove, Gaillardia, Geranium, Gladiolus, Gold dust, Golden Marguerite, Golden tuft, Iris, Lavendercotton, Lily, Lupine, Marigold, Morning glory, Mother-of-Thyme, Mourning bride, Mourning pinks, Nasturtium, Orpine, Peonies, Petunia, Pink heath, Poker plant, Purple coneflower, Rose moss, Salvia, Scarlet sage, Snapdragon, Stone Crop, Strawflower, Sundrops, Sunflower, Sweet Pea, Verbena, Virginia Spiderwort, Violet, Wormwood and Zinnia.

CAUTION

DO NOT USE ON: Bugle-weed, Button pink, Carnation, Geum, Germander, Mesembryanthemum, Pansy, Phlox, Sweet William and Telanthera.

RECOMMENDATIONS (cont.)

Use at the rate of 3 pounds per 375 sq. ft. Always apply uniformly to the soil.

NOTE: Soil must be free of all weed growth at time of application of WEED-RITE DACTHAL GRANULES.

<u>CROP</u>	<u>WHEN TO APPLY</u>	<u>REMARKS</u>
Broccoli, Brussels sprouts, cabbage, cauliflower.	At seeding or transplantings.	Product can be applied directly over transplants without injury.
Snap beans, Southern peas (black eyes).	At seeding.	Apply at time of planting.
Melons, (cantaloupe, honeydew, watermelons, cucumbers, squash (summer and winter).	4 - 6 weeks after seeding.	If weeds have emerged, the crops should be cultivated or weeded prior to application.
Collards, Kale, Mustard greens, Turnips (greens) and roots).	At seeding.	Apply at time of seeding.
Garlic and onions.	At seeding or transplanting	Product can be applied directly over transplants with out injury; lay-by applications can be made on onions up to 14 weeks after planting or transplanting. Should weeds emerge prior to lay-by, onions should be cultivated or weeded prior to application.

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RECOMMENDATIONS (cont.)

<u>CROP</u>	<u>WHEN TO APPLY</u>	<u>REMARKS</u>
Lettuce (leaf)	1 - 3 weeks after emergence.	Make one application only, but not later than 3 weeks after emergence.
Lettuce (head)	1 - 6 weeks after seeding.	Make one application only.
Potatoes (whole or cut pieces)	At planting or lay-by.	Apply at planting. Lay-by application can be made up to 9 weeks after planting. If weeds have emerged at lay-by, the crop should be weeded or cultivated prior to application.
Sweet Potatoes and yams	At transplanting or lay-by.	Apply at transplanting. Product can be applied directly over transplants without injury. Lay-by applications can be made up to 6 weeks after transplanting. If weeds are present, the crop should be weeded or cultivated prior to application.
Tomatoes	4 - 6 weeks after transplanting.	Applications should be confined to a period of 4 to 6 weeks after transplanting. Product can be applied directly over the transplants without injury. If weeds have emerged, the crop should be cultivated or weeded prior to making application.
Eggplant and peppers	At transplanting and lay-by.	Apply at transplanting. Product can be applied directly over transplants without injury. Lay-by application can be made up to 6 weeks after plantings. If weeds are present, the crop should be weeded or cultivated prior to making the lay-by application.
Strawberries Established plantings.	Fall and early spring.	Application to established plants should be made in fall and early spring. Applications may be made to control late summer or early fall germinating weeds. Do not apply after first bloom. These applications can be made directly over plants without injury.
New plantings.	At planting.	For new beds, apply at transplanting.

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TERMS OF SALE

NOTICE: "Seller" as used in this NOTICE and statement of TERMS OF SALE includes manufacturers and distributors of product. Used strictly as directed it produces satisfactory results as warranted herein. Since actual use will be beyond control and knowledge of Seller, Seller does not assume risk of injury to persons or property though it is claimed the product is used in accordance with directions and that all cautionary instructions have been followed. THE BUYER AND USER ASSUME ALL RISK OF AND RESPONSIBILITY FOR INJURY TO PERSON OR PROPERTY CAUSED BY PRODUCT WHETHER USED IN ACCORDANCE WITH DIRECTIONS OR NOT OR WHETHER CAUSED BY NEGLIGENCE OF SELLER. Seller ONLY warrants that this product conforms to chemical description on label and will control the annual grasses and certain broadleaved weeds mentioned hereon.