DACTHAL® 5G TURF HERBICIDE

(5% DACTHAL GRANULES)

Agway Dacthal 5G Turf Herbicide is a 5% granular formulation for use as a preemergence application for control of crabgrass and other annual grasses and certain broadleaved weeds on mineral soils.

It is recommended for use on turf and ornamental plantings.

ACTIVE INGREDIENT:

Dimethyl ester of tetrachloroterephthalic acid*	5%
INERT INGREDIENTS	95%
	100%

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

Dacthal® — Registered trademark of the Diamond Shamrock Corporation.

CAUTION: KEEP OUT OF REACH OF CHILDREN.

DO NOT take internally. Avoid contact with eyes. Wash after handling or using.

DO NOT store near feed and feedstuffs, seed fertilizers or other pesticides in order to prevent contamination. Do not graze on treated areas or feed plant refuse to livestock. Store in dry place.

DO NOT reuse empty container. Destroy by burning in a safe place. Stay away from smoke.

GENERAL INFORMATION

READ THESE ENTIRE DIRECTIONS AND WARRANTY OF SALE. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNINGS AND DIRECTIONS.

ANY APPLICATION OF DACTHAL SHOULD BE MADE PRIOR TO WEED SEED GERMINATION OR FOLLOWING A CULTIVATION.

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 pusley, Agway Dacthal 5G Turf Herbicide is recommended at the rate of 180 pounds per acre, 4.8 pounds per 1,000 square feet, or 1 pound for 250 square feet. A slightly higher rate of application may be required for control of bermudagrass, annual bluegrass, ground cherry, dodder, browntop millet, goosegrass, Johnsongrass from seed, tropical signalgrass, sandbur (S. macrostarpa) and nutgrass seedlings.

When Agway Dacthal 5G Turf Herbicide is used at the recommended rate, up to 4 months weed control can be expected. Bermuda grass, Johnsongrass established from rhizomes, nutgrass, galinsoga, wild mustard, ragweed, smartweed and velvetleaf have not been effectively controlled with Agway Dacthal 5G Turf Herbicide.

Spreaders should be checked to determine whether they are applying the correct amount of Agway Dacthal 5G Turf Herbicide. The application should be made to a uniform weed-free soil surface within two to three days maximum following cultivation to prevent subsurface germinating weeds from becoming established before the Agway Dacthal 5G Turf Herbicide is activated. Disturbing the soil surface following application will reduce effectiveness. Rates of application can be reduced by banding.

If there is no effective rain within 3 to 4 days after Agway Dacthal 5G Turf Herbicide application, sprinkler irrigation should be used for best results.

Agway Dacthal 5G Turf Herbicide can also be 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 Agway Dacthal 5G Turf Herbicide over this area: 1 pound treats 250 square feet (area 25 feet by 10 feet), 1 cupful treats 30 square feet.

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RECOMMENDATIONS

TURF: Apply uniformly to establish turfgrass at the rate of 200 pounds per acre in the early spring before crabgrass and other annual grasses and broadleaved weeds germinate. This usually coincides with the time forsythia blossoms start to fade. One application, applied before weed germination in early spring usually provides season long control. Where spring seeding is necessary there should be a delay of approximately 60 days after the application. If reseeding is done before 60 days after application of Agway Dacthal 5G Turf Herbicide, the amount of grass seed should be increased by 50% to insure thrifty stands.

Early spring application of Agway Dacthal 5G Turf Herbicide may be applied to newly seeded turf after they exhibit greening of newly sprouted turf grass. Early spring application of Agway Dacthal 5G Turf Herbicide allows fall sowing of permanent grass. To control annual bluegrass and other erratic or late germinating grasses and weeds, a late summer or early fall application of 300 pounds per acre of Agway Dacthal 5G Turf Herbicide should supplement the early spring application.

The use of DACTHAL on bentgrass greens should be restricted to portions of greens infested with crabgrass and bentgreens which are known to be tolerant to DACTHAL. Application to Cohansey or Toronto Bents is not recommended. Do not use on Dichondra turf. At the recommended rate of application, DACTHAL herbicide does not show herbicide injury or discoloration to established common lawn grasses. No more than the recommended rate should be used.

Spreader	Setting for Normal Rate	Setting for ½ Normal Rate (crisscross)	Setting for 1½ Normal Rate
HH 20" Drop Spreader Model #1662	4½	3½	5¼
HH Broadcast Spreader D-2711 5 ft. swath	3	2½	4
Cyclone Spreader Model #81	3	2½	3½
True Temper Broadcast Model D-2711	3	2½	4
Lawn Beauty 24" Drop Model 2455	5	4	6
Scott's 24" Drop Model 75[illegible]	4½	3½	5½
Scott's 18" Drop Model 35-3	4	2¾	5
Sears Craftsman 24" Drop Spreader Model #45219802	2¾	1¾	3¼
Greenfield 20" Drop Model #205	5	4	6

Ornamental Plantings: Apply at [illegible] fall, or early spring at the rate of 180 lbs. Agway Dacthal 5G Turf Herbicide per acre (4 lbs. per 1,000 sq. ft. set). Applications should be made to soil recently cultivated to a uniform texture. These can be made immediately following lining-out of stock. With established plantings, application should be made following proper cultivation to remove existing weeds. Where possible, this should be done early in the spring. Late summer applications may prove beneficial for control of fall germinating weeds, if made following cultivation. Weed control up to 4 months or more may be expected following proper application.

Agway Dacthal 5G Turf Herbicide is specifically recommended for weed control with the following:

Abelia
Arborvitae
Ash
Azalea
Barberry
Bittersweet
Birch
Camellia
Chestnut
Cotoneaster
Crabapple
Cypress
Deutzia
Dogwood
Euonymus
Elm
Euonymus
Fir
Forsythia
Gum
Hawthorn
Holly
Hydrangea
Rhododendrons
Juniper
Larch
Lilac
Locust
Magnolia
Maple
Rock orange
Mountain laurel
Oak
Philadelphus
Pine
Pittosporum
Podocarpus
Poplar
Privet
Redbud
Perfect yarrow
Poraythia-nel
Forsythia
Geranium
Gold dust
Golden buff
Lavendercotton
Lilacs
Morningglory
Mountain bride
Nandina
Poppies
Pink heath
Purple coneflower
Salvia
Snapdragon
Strawflower
Sunflowers
Verbena
Violet
Zinnia
Rhododendron
Rose
Russian olive
Spirea
Spruce
Stephanotis
Tree peony
Tulip tree
Variegated privet
Viburnum
Walnut
Weigela
Willow
Yew
Garlic ivy
Ground ivy
English ivy
Periwinkle
Pachysandra
Boston ivy
Ageratum
Alyssum
Aster
Bachelor's button
Begonia
Bleedingheart
Coleus
Candytuft
Chrysanthemum
Columbine
Coleus
Coreopsis
Coral bells
Cosmos
Cuphea
Dahlia
Delphinium
Evening primrose
Feverfew
Four-O'clock
Gaillardia
Gladiolus
Gold. marguerite
Iris
Lily
Marigold
Mother-of-Thyme
Mourning pinks
Onions
Petunia
Poker plant
Rose moss
Scarlet sage
Stone Crop
Sundrops
Sweet pea
Virg. Spiderwort
Wormwood

DO NOT USE on the following plants:

Bugle weed	Germander	Phlox
Button pink	Mesembryantheum	Sweet William
Carnation	Pansy	Telanthera
Geum		

WARRANTY: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or values, etc.

NOTE: This pesticide is to be sold ONLY in this original, unbroken package.

EPA Reg. No. 8590-377

MANUFACTURED BY AGWAY INC., CHEMICAL DIVISION, BOX 1333, SYRACUSE, NEW YORK 13201

NET WEIGHT FIFTY POUNDS