Fm 43 32602-27 Page 1 of 1

DACTHAL 5-G WEED PREVENTER

ALSO KNOWN AS DACTHAL 5 G HERBICIDE

A Pre-emergent Herbicide Granule For Control of Certain Broadleaf and Grassy Weeds Such as Crabgrass, Foxtail Chickweed, Carpetgrass, Lambsquarter, Purslane, Johnsongrass from seed, Pigweed, Spurge, Annual Bluegrass (Poa Annua) and other weeds as listed.

FOR HOME LAWNS AND COMMERCIALLY MAINTAINED ORNAMENTAL TURF IN INDUSTRIAL COMPLEXES, APARTMENTS, CONDOMINIUMS, ATHLETIC FIELDS, PARKS, CEMETERIES
WEED CONTROL IN NURSERIES AND ORNAMENTAL SHRUB, TREE AND FLOWER PLANTINGS
EXCELLANT FOR WEED CONTROL IN THE VEGETABLE GARDEN

JUL 1992

ACTIVE INGREDIENT:	
DCPA (dimethyl tetrachloroterephthalate)	5.0%
INERT INGREDIENTS	95.0%
Total	100.0%

Dacthal is a Reg. T.M. of ISK Biotec

32602-27

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENTS OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists. IF ON SKIN: Wash affected area with soap and water.

See Side/Back Panel for Additional Precautionary Statements

EPA REG. NO. 32602-27 EPA EST. NO. 32602-WI-1(A), -MO-1(B)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Do not contaminate feed or foodstuffs. Do not feed treated foliage to livestock or graze treated areas.

ENVIRONMENTAL HAZARDS

Collect and incorporate granules spilled on the soil surface. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Groundwater Advisory: Tetrachloroterephthalic acid, a breakdown product of Dacthal, is known to leach through soil as a result of agricultural and turf uses and has been found in groundwater which may be used for drinking water. Users are advised not to apply Dacthal to sand and loamy soils where the water table (groundwater) is close to the surface and where these soils are very permeable, i.e. well drained. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater used for drinking water.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING/LOADING AND APPLYING, REPAIR AND CLEANING OF MIXING, LOADING AND APPLICATION EQUIPMENT, DISPOSAL OF THE PESTICIDE, AND EARLY REENTRY INTO TREATED AREAS: Wear a long sleeved shirt and long-legged pants and chemical resistant gloves.

IMPORTANT: If pesticide comes in contact with skin, wash off with soap and water. Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or toileting.

AFTER WORK: Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Do not reuse contaminated clothing. Clothing worn during work must be laundered separately from household articles. Clothing that becomes heavily contaminated or drenched must be destroyed according to state and local regulations. HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. STORAGE: Store product in original container in a cool, dry, locked place out of reach of children. PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved wastes disposal facility. CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or if allowed by State and local authorities, by burning. If burned stay out of smoke. Household: Do not reuse empty bag. Wrap and put in trash.

WEEDS CONTROLLED WITH THIS PRODUCT

Smooth and Large Crabgrass, Green and Yellow Foxtail, Lovegrass, Witchgrass, Carpetgrass, Common Chickweed, Lambsquarter, Purslane, Florida Pusley, Barnyardgrass, Ground Cherry, Dodder, Browntop Panicum, Goosegrass, Johnsongrass from seed, Redroot Pigweed, Nodding Spurge, Spotted Spurge, Prostrate Spurge and Poa Annua.

FOR LAWNS AND ORNAMENTAL TURF

For control of Crabgrass species & Foxtail species and other broadleaf and grassy weeds as listed apply at the rate of 25 lbs. per 5,000 to 6,000 Sq. Ft. of turf. (This is equivalent to 183 to 220 lbs./ acre or 9.15 to 11.0 lbs. Active Ingredient per acre).

APPLICATION RATES

Use for 5,000 Sq. Ft. if the turf is over-run by weeds and use for 8,000 Sq. Ft. if weeds are sparse and the turf is in a yearly lawn service program.

WHEN TO APPLY

For Northern Turf: apply in early spring approximately 2 weeks before Crabgrass and other annual weeds germinate (Mid March to May 1st); For Southern Lawns: apply in late winter to early spring (Late February to Mid April). See Application Chart for approximate timing of applications.

RESEEDING

Reseeding should be delayed for about 60 days after application. Increase the amount of seed recommended for the area by 25% to assure a good stand.

POA ANNUA (Annual Bluegrass) CONTROL

Northern Turfgrass Lawns - For Poa Annua (Annual Bluegrass) and other erratic or late germinating grasses and broadleaf weeds a second application should be made in late summer or early fall (Aug. 15th to Oct 1st) to supplement the spring application. Apply at the rate of 25 lbs to cover 3,660 Sq Ft (Equivalent to 300 lbs. per acre). Make as a single annual application for Poa Annua if the spring treatment has not been made.

For Southern Turfgrass Lawns - Apply at the same rate as for northern lawns but make the application between October 15th to December 15th for Poa Annua control. Apply at least 2 weeks before the Poa germinates.

VEGETABLE GARDEN WEED CONTROL

HOW MUCH TO USE: For control of Crabgrass, Foxtail and other weeds as listed apply at the rate of 25 lbs. per 5,000 Sq. Ft. of soil surface. For sandy garden soils use 25 lbs. to treat 7,800 Sq. Ft. of soil surface.

WHEN TO APPLY: Treat in the spring of the year or when the soil is free of weeds and before the weed seeds germinate. If weeds are present cultivate them out and smooth the soil surface before application. Heavy clods and uneven soil surfaces will cause poor and erratic weed control.

Use at seeding and/or transplanting time on BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER, CABBAGE, COLLARDS, KALE, MUSTARD GREENS, TURNIPS, GARLIC AND ONIONS.

Apply after transplanting (10 to 15 days) on CUCUMBERS, SQUASH (SUMMER & WINTER), MELONS, CANTALOUPE, HONEYDEW, WATERMELON, SWEET POTATO, TOMATOES, EGGPLANT, PEPPERS, and STRAWBERRIES.

FOR NURSERY AND ORNAMENTAL PLANTINGS

Apply at the rate of 25 lbs. to treat 5,000 to 8,000 Sq. Ft. in late fall or early spring. Make sure the ground has been cultivated and existing weeds have been killed or removed. Weed control up to four months or more can be expected following proper application. This product can be used on most all ornamental plantings, however, do not use on the following plants: Bugleweed, Button Pink, Carnation, Dianthus, Geum, Germander, Ice Plant, Pansy, Sweet William, Telanitera, or Violets.

WHEN TO APPLY:

In general apply to flower gardens after plants have been lined out or seeds have germinated and are up to 3 to 4 inches in height. Safe for use around the following plants:

ABELIA	CORALBELLS	GOLDENTUFT	MORNINGGLORY	SAGE
AGERATUM	COSMOS	GUM	MOSS(ROSE)	SCARLET)
ALYSSUM	COTONEASTER	HAWTHORN	MOTHER-OF-THYME	SNAPDRAGON
ANDROMEDA(JAP)	COTTONWOOD	HEATHERING	MOUNTAIN	SPIDERWORT
ARBORVITAE	CRABAPPLE	HOLLY	LAUREL	SPIREA
ASH	CUPHEA	HYDRANGEA	MORNING BRIDE	SPRUCE
ASTER	CYPRESS	HONEYSUCKLE	NASTURTIUM	STONECROP
AZALEA	DAHLIA	IRIS	OAK	STRAWFLOWER
BABYSBREATH	DELPHINIUM	IVY(BALTIC)	ORPINE	SUNDROPS
BARBERRY	DEUTZIA	IVY(BOSTON)	PACHISTIMA	SUNFLOWER
BELLFLOWER	DOGWOOD	IVY(ENGLISH)	PASSIFLORA	SWEET PEA
BIRCH	ELAEAGNUS	IVY(MILDEW)	PEONY	SYCAMORE
BLEEDINGHEART	ELM	JUNIPER	PETUNIA	TREE PEONY
BLOODLEAF	EUONYMUS	LANTANA	PINE	TULIP TREE
BOXWOOD	EVENING	LARKSPUR	PITTOSPORUM	VIBURNUM
BUDLOSS	PRIMROSE	LAVENDER	PODOCARPUS	VIOLET
CAMELLIA	FEVERFEW	COTTON	POKER PLANT	(AFRICAN)
CANDYTUFTS	FIR	LILAC	POPLAR	WALNUT
CHESNUT	FORGET ME NOT	LILY	PRIVET	WEIGELIA
CHRYSANTHEMUM	FORSYTHIA	LOCUST	PRIVET(VARIGATED)	WILLOW
CINQUEFOIL	FOUR O'CLOCK	LUPINE	REDBUD	WORMWOOD
COLEUS	FOXGLOVE	MAGNOLIA	RHODODENDRON	YARROW
COLUMBINE	GAILLARDIA	MARGUERITE	ROSE	(FERNLEAF)
CONEFLOWER	GERANIUM	(GOLDEN)	RUSSIAN	YEW
COREOPSIS	GLADIOLUS	MARIGOLD	OLIVE	ZINNIA
	(GOLDDUST			

BEST AVAILABLE COPY

FOR OPTIMUM PRE EMERGENCE WEED CONTROL APPLY AT THE APPROPRIATE TIME FOR LAWNS, VEGETABLE GARDENS, NURSERIES, AND ORNAMENTAL PLANTINGS

APPROPRIATE TIMES TO APPLY THIS PRE-EMERGENT HERBICIDE

JAN FEB MAR APR MAY JUNE JULY AUG SEPT OCT NOV DEC

4 — 3 — 1 — 2 — 4

*NORTHERN STATES

1. For Crabgrass, Foxtail, other Grassy and Broadleaf Weeds
2. For Poa Annua (Annual Bluegrass in Turf) in NORTHERN STATES

SOUTHERN STATES

Most weeds germinate earlier in the year in the Southern States
Apply product earlier in the year

3. For Crabgrass, Foxtail, other Grassy and Broadleaf Weeds
4. For Poa Annua (Annual Bluegrass in Turf) in SOUTHERN STATES

*Notice: Buyer and user assumes all risk and liability of use, storage and/or handling of this material not in accordance with the terms of this label. (03-09-92 grower vers. of 11-07-88 accptd. copy)

NET WEIGHT 2* POUNDS (50 LB.)

HOWARD JOHNSON'S ENTERPRISES, INC.
MILWAUKEE, WI 53201