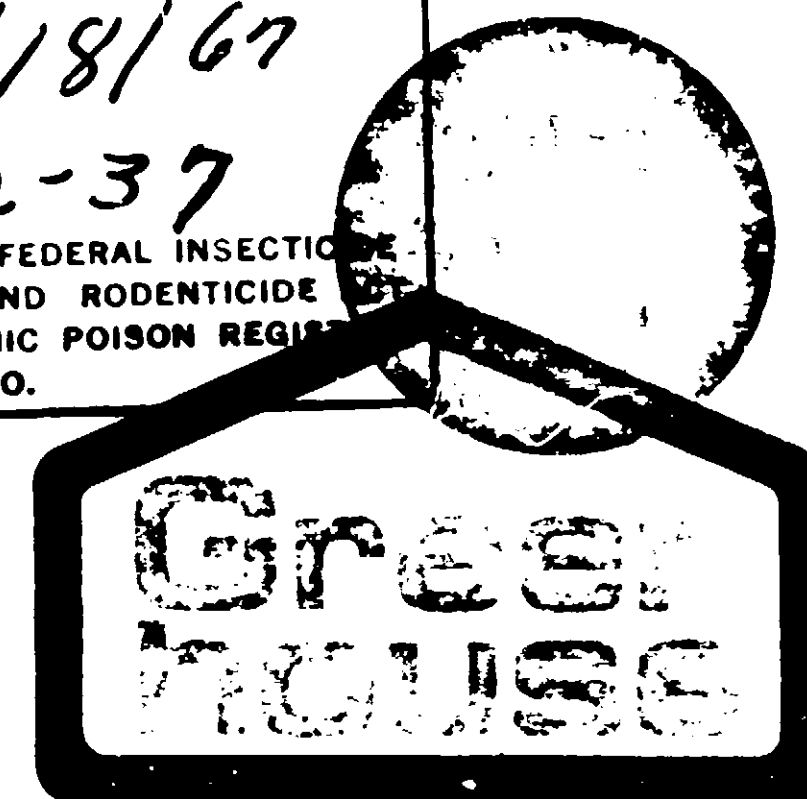


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FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGIS-
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DACTHAL* G-2.5 GRANULES

Weed

AND
CRAB-

Grass Killer

FOR LAWNS, TURF,
STRAWBERRY PLANTINGS,
FLOWER & VEGETABLE GARDENS

GENERAL INFORMATION

DACTHAL G-2.5 is a 2.5% granular formulation for use as a pre-emergence application for control of broadleaf and other annual grasses. It is recommended for use on HOME FLOWER GARDENS, NURSERY STOCK, STRAWBERRIES, VEGETABLES, and LAWNS.

DIRECTIONS

For the control of weeds in home flower gardens, such as pansies, petunias, geraniums, and lilies, apply DACTHAL G-2.5 at the rate of 320 to 360 pounds per acre (8 lbs. per 1,000 square feet, or 1 pound (approximately 1 quart) for 125 square feet. A slightly higher rate of application (up to 420 pounds per acre of this product) may be required for control of barnyardgrass, annual bluegrass, ground cherry, dodder, brownfoxtail, goosegrass, Johnsongrass, from seed, redroot pigweed, sesbania (*S. macrocarpa*) and nodding scurge.

When DACTHAL G-2.5 is used at the recommended rate, up to 4 months weed control can be expected. Bermudagrass, Johnsongrass established from rhizomes, nutgrass, galinsoga, wild mustard, ragweed, smartweed and velvetleaf have not been effectively controlled with DACTHAL G-2.5.

Spreaders should be checked to determine whether they are applying the correct amount of DACTHAL G-2.5. 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 DACTHAL 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 DACTHAL G-2.5 application, sprinkler irrigation should be used for best results.

DACTHAL G-2.5 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 DACTHAL Granules over this area: 1 pound (1 quart) treats 125 square feet (area 12.5 feet by 10 feet), 1 cupful treats 25 sq. feet.

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

RECOMMENDATIONS

FLOWER GARDENS: Apply after establishment or as supplemental application at the rate of 360 lbs. G-2.5 per acre, (8 lbs. per 1,000 square feet). Apply to the soil following establishment or setting out of flower beds. Where possible, this should be done early in the spring. Delayed or secondary applications can be made at any time provided beds have been cultivated and are free of weeds. Weed control up to four months or more may be expected following proper application.

NURSERY STOCK OR ORNAMENTAL PLANTINGS: Apply at lining out, late fall, early spring at the rate of 360 lbs. G-2.5 per acre, (8 lbs. per 1,000 square feet). 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 application may prove beneficial for control of fall-germinating weeds, if made following cultivation. Weed control up to four months or more may be expected following proper application. See list on rear of bag.

VEGETABLES: Apply 4 to 6 weeks after seeding at the rate of 360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply the application uniformly to the soil 1-6 weeks after seeding.

POTATOES: whole or cut pieces: Apply at planting, dragoff or 3-4 weeks after planting at the rate of 320-360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply uniformly to the soil at planting, and the top of the seed piece to be dragged off. DACTHAL can be applied to the soil at any time after planting.

TRANSPLANTS: Apply at planting or transplanting at the rate of 360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply uniformly to the soil should be confined to a period of 4 to 6 weeks after transplanting. DACTHAL can be applied directly over the transplants without injury. If weeds have emerged, the crop should be cultivated or weeded prior to making the DACTHAL application.

EGGPLANT AND PEPPERS: Apply at transplanting and layby at the rate of 320-360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply uniformly to the soil at transplanting. DACTHAL can be applied directly over transplants without injury. Layby application can be made up to 6 weeks after planting. If weeds are present, the crop should be weeded or cultivated prior to making the layby application.

STRAWBERRIES (new plantings): Apply at planting at the rate of 360 lbs. G-2.5 per acre. (Established plantings): Apply in fall and early spring at the rate of 320-360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply uniformly to the soil. For new beds, apply 360 pounds at transplanting. Application to established plantings should be made in fall and early spring. Applications of 320-360 pounds per acre may be applied 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.

DACTHAL G-2.5% is specifically recommended for weed control with the following:

Abelia	Oak	Babysbreath	Lavendercotton
Abornifae	Pachistima	Bellflower	City
Ash	Pine	Bleedingheart	Lupine
Azalea	Pittosporum	Blood Leaf	Marigold
Barberry	Podocarpus	Bugloss	Morningglory
Borwood	Poplar	Candle larkspur	Mother-of-
Birch	Privet	Candytufts	Thyme
Camelia	Redbud	Cinquefoil	Mourning bride
Chestnut	Rhododendron	Chrysanthemum	Mourning pinks
Cotoneaster	Rose	Columbine	Nasturtium
Cottonwood	Russian olive	Coleus	Orpine
Crab apple	Spirea	Coreopsis	Peonies
Cypress	Spruce	Coral Bells	Petunia
Deutzia	Sycamore	Cosmos	Pink heath
Dogwood	Tree peony	Cuphea	Poker plant
Elaeagnus	Tulip tree	Dahlia	Purple
Elm	Variegated	Delphinium	Scabellflower
Eucalyptus	Privet	Evening	Rose moss
Fir	Viburnum	(primrose	Salvia
Forsythia	Weigela	Fernleaf yellow	Scarlet sage
Gum	Weigela	Feverfew	Snapdragon
Hawthorn	Willow	Forget-me-not	Stone Crop
Holly	Yew	Four-O'clock	Strawflower
Hydrangea	Baltic ivy	Foxglove	Sundrops
Jap. andromeda	Boston ivy	Gaillardia	Sunflower
Juniper	Eng. ivy	Geranium	Sweet Pea
Lantana	Honeysuckle	Gladiolus	Verbena
Lilac	Pachyandra	Gold dust	Violet
Locust	Wilson ivy	Gold	Spiderwort
Magnolia	Amorpha	Marigold	Violet

Flowers, shrubs, and vegetables have not been effectively controlled with DACTHAL G-2.5.

Spreaders should be checked to determine whether they are applying the correct amount of DACTHAL G-2.5. 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 DACTHAL 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 DACTHAL G-2.5 application, sprinkler irrigation should be used for best results.

DACTHAL G-2.5 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 DACTHAL Granules over this area: 1 pound (1 quart) treats 125 square feet (area 12.5 feet by 10 feet), 1 cupful treats 25 sq. feet.

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

RECOMMENDATIONS

FLOWER GARDENS: Apply after establishment or as supplementary application at the rate of 360 lbs. G-2.5 per acre. (8 lbs. per 1,000 square feet). Apply to the soil following establishment or setting out of flower beds. Where possible, this should be done early in the spring. Delayed or secondary applications can be made at any time provided beds have been cultivated and are free of weeds. Weed control up to four months or more may be expected following proper application.

NURSERY STOCK OR ORNAMENTAL PLANTINGS: Apply at lining out, late fall, early spring at the rate of 360 lbs. G-2.5 per acre. (8 lbs. per 1,000 square feet). 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 application may prove beneficial for control of fall-germinating weeds, if made following cultivation. Weed control up to four months or more may be expected following proper application. See list on rear of bag.

BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER AND CABBAGE: Apply at seeding or transplanting at the rate of 320-360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply uniformly to the soil. DACTHAL Granules can be applied directly over transplants without injury. If weeds have emerged, crops should be ~~the~~ cultivated or weeded prior to application.

BEANS (dry and snap), SOUTHERN PEAS (blackeyed): Apply at seeding at the rate of 320-360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply uniformly to the soil at time of seeding.

CUCUMBERS, SQUASH (winter and summer), MELONS (cantaloupe, watermelon, honeydew): Apply 4-6 weeks after seeding at the rate of 320-360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply uniformly to the soil 4 to 6 weeks after seeding. Crops should be cultivated or weeded prior to the DACTHAL application if weeds have emerged.

COLLARDS, KALE, MUSTARD GREENS, TURNIPS (greens and roots): Apply at seeding at the rate of 320-360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply uniformly to the soil at time of seeding.

GARLIC AND ONIONS: Apply at seeding or transplanting at the rate of 320-360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply uniformly to the soil. DACTHAL can be applied directly over transplants without injury; layby applications can be made on onions up to 14 weeks after planting or transplanting. Should weeds emerge prior to layby, onions should be cultivated or weeded prior to application.

LETTUCE (leaf): Apply 1-3 weeks after emergence at the rate of 320-360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply one application only, uniformly to the soil but not later than 3 weeks after emergence.

layby. Layby application can be made up to 2 weeks after planting. If weeds are present, the crop should be weeded or cultivated prior to making the layby application.

STRAWBERRIES (new plantings): Apply at planting at the rate of 360 lbs. G-2.5 per acre. (Established plantings): Apply in fall and early spring at the rate of 320-360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply uniformly to the soil. For new beds, apply 360 pounds at transplanting. Application to established plantings should be made in fall and early spring. Applications of 320-360 pounds per acre may be applied 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.

DACTHAL G-2.5% is specifically recommended for weed control with the following:

Abelia	Oak	Baby's breath	Lavender cotton
Abrus	Pachira	Calliopsis	City
Ash	Pine	Bleeding heart	Lupine
Azalea	Pittosporum	Blood leaf	Marigold
Barberry	Podocarpus	Bugloss	Morning glory
Boragin	Poplar	Candle larkspur	Mother-of-
Birch	Prunella	Candytuft	Thyme
Camelia	Redbud	Cinquefoil	Mourning bride
Chestnut	Rhododendron	Chrysanthemum	Mourning pinks
Cottonaster	Rose	Columbine	Nasturtium
Cottonwood	Russian olive	Coleus	Orpine
Crab apple	Spiraea	Coreopsis	Peonies
Cypress	Spirea	Coral bells	Perennia
Deutzia	Sycamore	Cosmos	Pink heath
Dogwood	Tree peony	Cuphea	Poker plant
Elaeagnus	Tulip tree	Dahlia	Purple
Elm	Vernonia	Delphinium	Coneflower
Eucalyptus	Viburnum	Evening	Rose moss
Fir	Viburnum	(Primrose)	Salvia
Forsythia	Walnut	Fernleaf yellow	Scarlet sage
Gum	Weigela	Feverfew	Snapdragon
Hastoria	Willow	Forget-me-not	Stone Crop
Holly	Yew	Four-O'clock	Strawflower
Hydrangea	Belted ivy	Foxglove	Sundrops
Jap. andromeda	Boston ivy	Gaillardia	Sunflower
Juniper	English ivy	Geranium	Sweet Pea
Lantana	Honeysuckle	Gladiolus	Verbena
Lilac	Pachysandra	Gold dust	Virg.
Locust	Wilson ivy	Gold	Spiderwort
Magnolia	Ageratum	Marguerite	Violet
Maple	Alyssum	Golden tuft	Wormwood
Mock orange	Aster	Iris	Zinnia
Mountain laurel			

DO NOT USE on the following plants:

Bugle weed	Mesembryanthemum
Butter pink	Pansy
Carnation	Phlox
Geum	Sweet William
Germander	Telandra

LAWNS AND TURF—DIRECTIONS

G-2.5 GRANULES will prevent the germination of these weeds in lawns: smooth and hairy crabgrass, green and yellow foxtail, lowgrass, witchgrass, carpenter weed, common chickweed, lamb's quarters, purslane, fall panicum and Florida pusley.

WHEN TO APPLY—G-2.5 GRANULES kills crabgrass and other annual weeds as they germinate. To be effective, apply before weed seed germination in early spring. This usually coincides with time when Forsythia blooms start to fall. A single spring application should suffice for the growing season.

HOW MUCH TO APPLY: 10 lbs. G-2.5 GRANULES per 1,000 sq. ft. of lawn area (435 lbs./acre) or 1 lb. (approx. 1 qt.) per 100 sq. ft. Apply evenly with no skips or misses. Use a fertilizer spreader or a careful distribution by hand. Do not rake or disturb soil after application. Water in lightly, if no rain falls within 3 days after application.

RE-SEEDING—When some spring seeding is necessary, there should be a delay of approximately 60 day after application of G-2.5 GRANULES. An early spring seeded lawn may be treated after the grass is past the 3 leaf stage.

DACTHAL G-2.5 GRANULES

Weed AND CRAB- Grass Killer

FOR LAWNS, TURF,
STRAWBERRY PLANTINGS,
FLOWER & VEGETABLE GARDENS

A Selective Preemergence Herbicide for Control of Annual Grasses and Certain Broadleaved Weeds.

ACTIVE INGREDIENT:

Dimethyl ester of tetrachloroterephthalic acid*..... 2.5%

INERT INGREDIENTS: 97.5%

TOTAL 100.0%

*Registered Trademark of Diamond Alkali Co.

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

U.S.D.A. REG. NO. 912-371

CAUTION KEEP OUT OF REACH OF CHILDREN

DO NOT store near food and foodstuffs, seed, fertilizers, or other pesticides in order to prevent contamination. Store in dry place.

Do not reuse empty container. Destroy in a safe place.

DO NOT graze on treated areas or feed plant refuse to livestock.

Harmful if swallowed. Avoid contact with eyes. Wash after handling or using.

PACKED FOR

CENEX, INC.

SO. SAINT PAUL, MINNESOTA

NET CONTENTS 2 POUNDS

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GENERAL INFORMATION

DACTHAL G-2.5 is a 2.5% granular formulation for use as a preemergence application for control of crabgrass and other annual grasses and certain broadleaved weeds on mineral soils. DACTHAL G-2.5 is recommended for use on: HOME FLOWER GARDENS, NURSERY STOCK, STRAWBERRIES, VEGETABLES

DIRECTIONS

For the control of annual grasses and certain broadleaved weeds such as crabgrass and annual bluegrass, tail, lovegrass, wild grass, carpetweed, blackweed, lambsquarters, purslane and Florida pusset. DACTHAL G-2.5 is recommended at the rate of 320 to 360 pounds per acre, 8.0 pounds per 1000 square feet, or 1 pound (approximately 1 quart) for 125 square feet. A slightly higher rate of application (up to 420 pounds per acre of this product) may be required for control of barnyardgrass, annual bluegrass, ground cherry, dodder, browntop panicum, goosegrass, Johnsongrass from seed, redroot pigweed, sesbania (S. macrocarpa) and nodding spurge.

When DACTHAL G-2.5 is used at the recommended rate, up to 4 months weed control can be expected. Bermudagrass, Johnsongrass established from rhizomes, nutgrass, galinsoga, wild mustard, ragweed, smartweed and velvetleaf have not been effectively controlled with DACTHAL G-2.5.

Spreaders should be checked to determine whether they are applying the correct amount of DACTHAL G-2.5. 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 DACTHAL 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 DACTHAL

LETTUCE (head): Apply 4 to 6 weeks after seeding at the rate of 320-360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply one application only, to the soil, 1-6 weeks after seeding.

POTATOES (whole or cut pieces): Apply at planting, dragoff or layby at the rate of 320-360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply uniformly to the soil at planting, and the top of the beds are to be dragged off. DACTHAL should be applied after dragoff. Layby application can be made up to 6 weeks after planting.

TOMATOES: Apply 4 to 6 weeks after transplanting at the rate of 320-360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Application uniformly to the soil should be confined to a period of 4 to 6 weeks after transplanting. DACTHAL can be applied directly over the transplants without injury. If weeds have emerged, the crop should be cultivated or weeded prior to making the DACTHAL application.

EGGPLANT AND PEPPERS: Apply at transplanting and layby at the rate of 320-360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply uniformly to the soil at transplanting. DACTHAL can be applied directly over transplants without injury. Layby application can be made up to 6 weeks after planting. If weeds are present, the crop should be weeded or cultivated prior to making the layby application.

STRAWBERRIES (new plantings): Apply at planting at the rate of 360 lbs. G-2.5 per acre. (Established plantings): Apply in fall and early spring at the rate of 320-360 lbs. G-2.5 per acre (8 lbs. per 1,000 square feet). Apply uniformly to the soil. For new beds, apply 360 pounds at transplanting. Application to established plantings should be made in fall and early spring. Applications of 320-360 pounds per acre may be applied to control late summer or early fall germinating weeds. DO NOT apply after first bloom. These applications can be made

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