



BRAND

E GA  
GRA

Containing Dacthal®

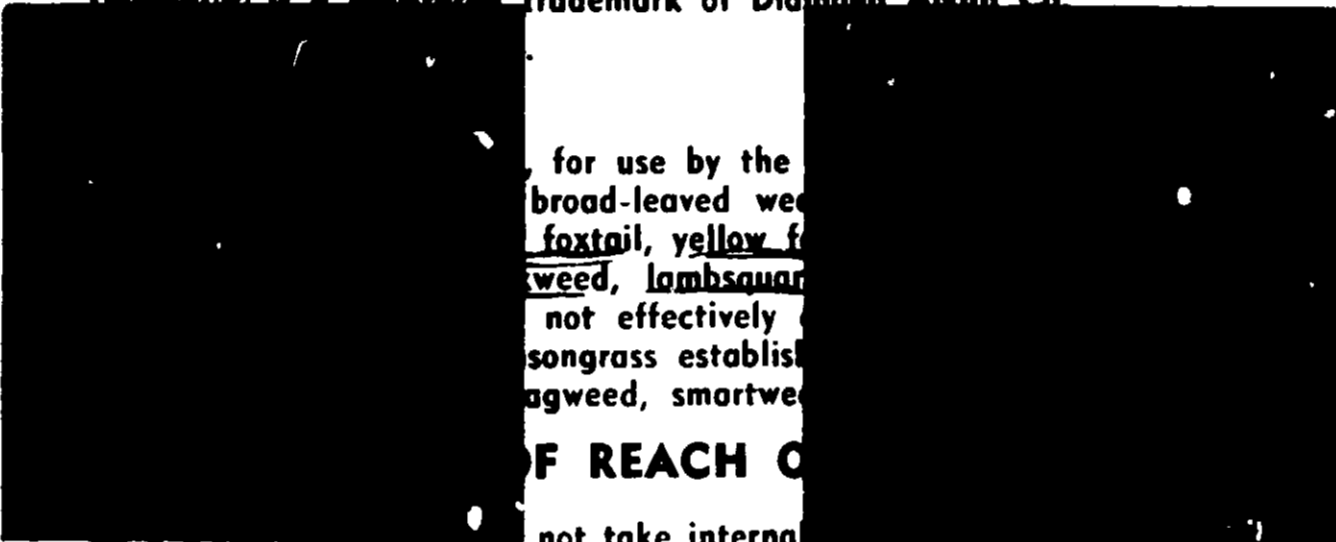
ACTIVE INGREDIENTS:

Dimethyl ester of tetrachloroterephthalic acid ..... 5.0%

INERT INGREDIENTS ..... 95.0%

100.0%

Dacthal® is a registered trademark of Diamond Alkali Co.



for use by the  
broad-leaved we  
foxtail, yellow f  
weed, lambsquar  
not effectively  
songrass establish  
agweed, smartwe

OF REACH C

**CAUTION:** Do not take internally. Do not get in eyes and clothing. Wash thoroughly after handling or using. Do not graze treated areas. Do not feed treated plants to livestock. Store in a safe place away from feed, foodstuffs, seed, fertilizers and pesticides.

Destroy empty container - incinerate - stay out of smoke - bury ashes.

This material may cause plant injury particularly if application is excessive or uneven; or when applied to plants under stress from drought, nematode infestation, nutritional imbalance, or the presence of other chemicals in the root zone.

**Southern Agricultural Insecticides, Inc.**

Palmetto, Fla.                      Boone, N. C.                      Hendersonville, N. C.

U.S.D.A. Reg. 829-165

Net Weight

B

157

Sept 24, 1972

829-145



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GRA

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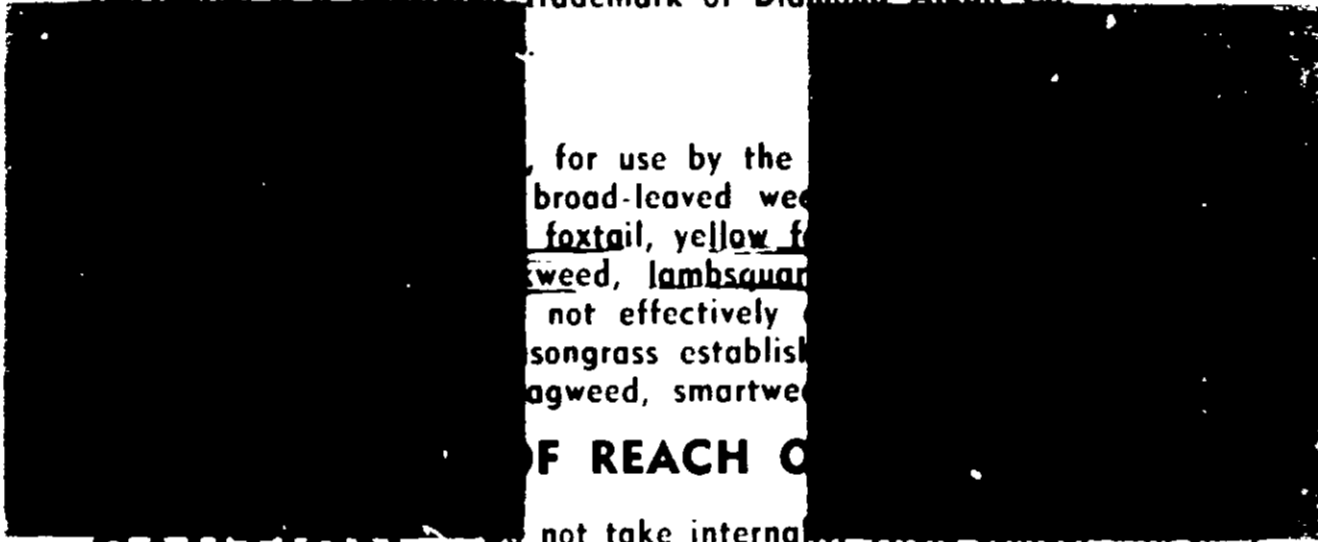
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*Sept 24, 1977*

*5.0% 10.5*

## DIRECTIONS FOR USE

This product is a pre-emergence herbicide for use on mineral soils (not peat or muck soils). It kills weed seedlings only before or immediately after they emerge. To be effective this product must be present in the soil when weed seed begin to germinate. Apply only to clean cultivated soil free of weeds. Broadcast granules evenly to soil surface. If rain does not occur within 3 days of application, sprinkle irrigate the treated area. Cultivation of treated areas will reduce the effectiveness of the treatment. Applications to established plantings and to seeded or set plantings as indicated may be made directly over the plantings without injury.

Application to small areas may be made by shaker can. Measure off 220 sq. ft. (240 sq. ft. for Strawberries) and apply one pound evenly to this area. Larger areas may be treated by use of a broadcast spreader. A cyclone® Broadcast Lawn Spreader will deliver approximately 180 lbs. per acre (4 lbs. per 1,000 sq. ft.) at a setting of 4 and 200 lbs. per acre (4½ lbs. per 1,000 sq. ft.) at a setting of 4¼. All spreaders should be calibrated before using. To calibrate determine the spread width (swath) of the spreader. Place one pound (1 quart) of granules in the spreader and apply granules in a straight line. Determine the distance covered. Adjust spreader setting and repeat the process until the spreader will deliver one pound over the distance given on the chart for desired dosage and spread width.

Spread Width	Feet of travel by spreader at Dosage of	
	180 lbs. per acre	200 lbs. per acre
5 feet	49 feet	44 feet
4 feet	60 feet	55 feet
3 feet	80 feet	72 feet

**TURF** (not to be grazed) for the pre-emergence control of crab grass in established bermuda, carpetgrass, centipede, zoysia, fescue, bluegrass and bent grass (except cohansey and Toronto bents and bent greens). Apply broadcast, in early spring, before crab grass begins to emerge using 200 lbs. per acre (4½ lbs. per 1,000 sq. ft.).

**ORNAMENTALS:** Apply as indicated using 200 lbs. per acre (4½ lbs. per 1,000 sq. ft.).

**ESTABLISHED AND NEWLY SET DECIDUOUS AND EVERGREEN 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, lantan, 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.

Early spring treatment (in areas where complete winter kill of all annual weeds occurs). Remove debris, clean cultivate and apply granules prior to weed seedling emergence. When weeds are present at time of treatment clean cultivate to remove all weeds and apply immediately after cultivating.

**FLOWER BEDS:**

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, fail-lardia, geranium, gladiolus, gold dust, golden marquerite, 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.

**FLOWERBEDS—PLANTED FROM SEED.** Allow time for flowers to become established—(2 to 3 weeks after seeding). Clean cultivate all germinated weeds and apply granules immediately after cultivation.

**FLOWER BEDS—WHEN PLANTS ARE SET OUT.** Clean cultivate before setting out. Apply immediately after setting out.

**DO NOT APPLY THIS PRODUCT TO THE FOLLOWING ORNAMENTAL PLANTS:**

Bugle-weed, Button pink, Carnation, Geum, Germander, Mesembryanthemum, Pansy, Phlox, Sweet William, Telanthera.

**VEGETABLES:** Apply as indicated using 200 lbs. per acre (4½ lbs. per 1,000 sq. ft.) For strawberries apply 180 lbs. per acre (4 lbs. per 1,000 sq. ft.).

Broccoli, brussels sprouts, cauliflower, cabbage, pepper and tomatoes. Clean cultivate before setting out. Apply immediately after setting out. For tomatoes wait 4 to 6 weeks after transplanting. Clean cultivate and then apply.

Snap beans, pole beans, collards, kale, mustard, turnips, and onions. Clean cultivate, seed, pack soil lightly, and apply.

**STRAWBERRIES:** New plantings—Apply immediately after transplanting. Repeat application in late summer or fall. For established plantings, clean cultivate if necessary and apply immediately after cultivation. Applications to established plantings should be made in fall and early spring. Do not apply more than 3 times a year. Do not apply from first bloom set until after harvest.

**DO NOT APPLY TO FOOD CROPS EXCEPT AS INDICATED.**