

Net Contents

SPECIMEN LABEL

Gray

FERMENTA
PLANT PROTECTION

White

Dacthal W-75

Red

Active Ingredient: DCPA (o methyl tetrachloroterephthalate)
Inert Ingredients:
Total:

By Wt.
75.0%
25.0%
100.0%

Keep Out of Reach of Children

See enclosed folder for directions for use

CAUTION

See side panel for additional precautionary statements

GRAY

Fermenta Plant Protection Company
5964 Hillside Road
P.O. Box 8000
Mentor, Ohio 44061-8000

EPA Reg. No. 50534-1

EPA Est. No. 39578-TX-01

3230-4021-1011-8709

51534-1

If Swallowed: Do not induce vomiting. If vomiting occurs spontaneously, keep airway clear. Never give anything by mouth to an unconscious person. Seek medical attention.

If on Skin: Wash thoroughly with soap and water.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment wastewater.

Dacthal W-75 Herbicide

A selective preemergence herbicide for control of annual grasses and certain broadleaved weeds in vegetable crops and ornamental turf. Read entire label carefully and use only as directed.

General Information

Dacthal W-75 is a 75 percent wettable powder formulation for use in preemergence application for control of crabgrass and other annual grasses and certain broadleaved weeds on mineral soils in vegetables, strawberries, agronomic crops, ornamentals and turf.

DIRECTIONS FOR USE

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

DO NOT APPLY IN SUFFOLK COUNTY, LONG ISLAND, NEW YORK.

Do Not apply when wind speed favors drift beyond the area intended for treatment.

Chemistry Department
Protective Clothing Required: Wear a long-sleeved shirt, long-legged pants, gloves, shoes and socks when handling (mixing, loading or applying) pesticides or when cleaning and repairing equipment used during mixing, loading or application of pesticides.

In case of contact with skin, wash thoroughly with soap and water. Always wash hands, face and arms with soap and water after using pesticides before smoking, eating, drinking or toileting. Shower after work and do not reuse clothing worn during handling (mixing, loading or applying) pesticides or when cleaning and repairing equipment used during mixing, loading or application of pesticides until clothing has been thoroughly laundered. Clothing worn during work must be laundered separately from household articles before reuse.

Reentry: For agricultural crops and commercial vegetable production, Do not enter treated areas for 24 hours after application unless wearing long sleeved shirt and long pants.

Preparation and Application of the Spray: Dacthal W-75 should be thoroughly mixed in the spray tank with water to provide for broadcast application of at least 20 gallons of water per acre, depending on equipment and local practices. In order to insure uniform suspension in the spray tank, Dacthal W-75 should be pre-mixed in a clean container at the rate of about 12 pounds to 3 gallons of water. This mixture should be stirred until a slurry is formed and then added to the spray tank during or after filling. Adequate agitation should be maintained during filling and spraying to keep material in uniform suspension. Use nozzles suitable for applying wettable powders so that the spray can be uniformly distributed over the properly prepared soil surface. Any screen or strainer in spray equipment should be no finer than 50 mesh to prevent clogging. It is essential that the sprayer be properly calibrated before making applications. Standard low pressure (30-50 psi) boom type sprayers are recommended.

Aircraft Application: It is recommended that Dacthal W-75 be applied in a minimum of 10 gallons of spray per acre. Aircraft should be equipped with pumps with sufficient capacity to deliver at least 10 gallons per acre. Placement of nozzles should provide a uniform spray pattern. Dacthal W-75 should be premixed in a nurse tank or mixing tank equipped with mechanical or by-pass agitation. Mixture can then be pumped into the aircraft. Screens on mixing tank should be no finer than 50 mesh. Adequate agitation should be maintained in the mixing tank as well as the aircraft throughout the spraying operation. Regulations governing aerial application of herbicides are in effect in many states. Consult local regulatory agencies concerning requirements before making applications. Avoid spray drift to adjacent fields; particular care should be exercised when adjacent fields contain edible crops or those that will be fed or grazed by livestock. Spray only on still days.

A minimum of one-third to one-half inch of water, either as rain or irrigation, is necessary to activate Dacthal W-75 and thereby obtain preemergence control of weeds specified. Normally, water must be applied within 3 to 5 days of application if sufficient rainfall does not occur. However, when surface soil is dry but subsurface soil contains enough moisture to germinate weeds, water should be applied immediately. If furrow irrigation is used, the top of the bed must be thoroughly wet. If rainfall during this period does not occur and irrigation cannot be made, shallow incorporation, when recommended, will aid in weed control.

Soil Preparation: Prior to making application, the soil should be cultivated to provide a weed-free and uniform surface since Dacthal herbicide is effective only when applied before weed seed germination occurs. Unless incorporated, Dacthal should be applied within two to three days following cultivation, to prevent subsurface germinating weeds from becoming established. When cultivating between rows, use shields on cultivator to prevent untreated soil from covering treated bands. Cultural practices, such as forming crop beds, should be completed prior to Dacthal W-75 application in order to avoid exposing untreated soil in the bottom of the furrow and concentrating the sprayed soil within the bed.

Soil Incorporation: (Do not incorporate deeper than 2 inches.) Shallow soil incorporation, when recommended (see specific crop recommendation) often gives more consistent results. Depending on crop and time of application, several incorporation methods may be used.

Preplant Incorporation: This type of incorporation often provides better weed control on irrigated land, and also on non-irrigated land when dry weather is anticipated following planting. When recommended, Dacthal can be sprayed on the soil surface and then incorporated into the soil by using a disc harrow or related tillage equipment. To insure complete incorporation, double disc in two directions. For incorporating banded treatments, hooded power driven rotary tillers or ground tillers are essential.

Delayed Preemergent Incorporation: For crops where preplant incorporation can be used (see recommendation) incorporation at this time should be used when adequate rainfall or irrigation is not available within 3 to 5 days after planting. Lightly incorporate (1/2 to 1 inch deep) with drag harrow, rotary hoe or other suitable tillage equipment.

Layby Incorporation: (Just prior to stage when plant growth would prevent further cultivation.) Cultivate soil to remove established weeds. Apply Dacthal over top of foliage and lightly incorporate with suitable equipment.

Rates of Application and Weeds Controlled: Dacthal W-75 is recommended at rates of 6-14 lbs/A depending on soil type and weeds to be controlled. The following table outlines general recommendation for the use of Dacthal W-75 on various soil types. The maximum rate for each soil type should be used when moderately susceptible weeds are present. Specific recommendations for each crop should be consulted. Dacthal W-75 should not be applied to certain crops under conditions of cool wet weather when plants are not actively growing. Refer to specific label recommendations for seeded melons, tomatoes, peppers, onion and eggplants for further details.

Soil Type	Organic Matter %	Broadcast Rate of Dacthal W-75/A
Light sand or sandy loam	0-3	6-8 pounds
Medium silt loam	0-3	8-10 pounds
Heavy clay loam	0-3	10-14 pounds
Heavy silt loam	3-5	12-14 pounds

The following weeds are grouped according to their susceptibility to Dacthal W-75.

Susceptible (controlled at recommended rates): Common lambsquarters, smooth crabgrass, large crabgrass, lovegrass, carpetweed, witchgrass, purslane, Florida pusley, yellow foxtail, green foxtail, common chickweed.

Moderately Susceptible (maximum rates required for effective control): Redroot pigweed, sandbur, dodder, barnyardgrass, goosegrass, browntop panicum, groundcherry, annual bluegrass, johnsongrass (from seed), nodding spurge, spotted spurge and prostrate spurge.

Tolerant: Velvetleaf, common ragweed, johnsongrass, established from rhizomes, mustards, amaranth, galinsoga, smartweed, nutsedge.

Replanting: Replanting crops other than those included on this label in Dacthal treated soil within 8 months of application may result in crop injury. If replanting is required because of an early crop failure, the planting of onions, seeded cucurbits, potatoes, tomatoes, eggplants or peppers at this time may result in crop injury. However, all crops on this label may be planted following harvest of a Dacthal treated crop.

Ornamental Turf: Application at the rate of 14 lbs. of Dacthal W-75 in 40 to 100 gallons of water per acre (1 lb. to 7 gals./3000 sq. ft.) gives excellent control of crabgrass and other weeds as listed on this label. One application applied in early spring before weed seed germination usually provides seasonal control. Crabgrass seed germination usually coincides with the time when Forsythia blossoms start to fall. In areas which commonly experience stands of late germinating crabgrass and other annual weedy grasses, a second application at half the regular rate can be safely made two months after the first application. In order to control annual bluegrass (Poa annua) and other erratic or late germinating grasses and weeds in northern states, a late summer or early fall application before weed seed germination of 20 pounds of Dacthal W-75 in 40 to 100 gallons of water per acre (1 lb. to 2 gals./1000 sq. ft.) should supplement the early spring application. Earlier applications are required in southern United States. Consult agricultural experiment station or extension service weed specialists for date. Poa annua seed germinates in your area and make application at least two weeks prior to this date.

Early spring application of Dacthal may be made to new turfgrass seedlings after the grasses have exhibited a uniform greening of the newly sprouted grass, preferably when 1 to 2 inches in height. Such Dacthal applications give control of crabgrass without injury to newly emerged grass. Fall sowing of permanent grasses can follow early spring application of Dacthal.

Where some spring seeding is necessary, there should be a delay of approximately 60 days after the application of most preemergence herbicides, including Dacthal. This delay increases the survival of desirable grasses.

Dacthal is not recommended for use on putting greens.

Dacthal is not recommended for use on bentgrasses mowed at putting green height. For control of creeping speedwell (Veronica filiformis), apply 16 pounds of Dacthal W-75 in 40 to 100 gallons of water per acre as postemergence spray when creeping speedwell is growing vigorously. Spring or early fall applications are usually suitable. Provided temperature is between 55° and 90° F and there is ample soil moisture. Thorough coverage is essential. Delayed control of creeping speedwell is to be expected and will be manifested first by a gradual loss of color and vigor.

For Use on Turf	To Control	When to Apply	Rate of Dacthal W-75	Remarks
Established turf	Crabgrass	Early Spring, before crabgrass and other Spring annual weed seeds germinate	14 lb /Acre or 1 lb /3 to 7 gals /3000 sq. ft.	Apply when Forsythia blossoms. A second application at half the recommended rate may be made 2 months after the first application if necessary.
	Annual bluegrass (Fall applied)	Late summer or early fall in Northern states before weed seed germination. Consult agricultural experiment station or extension weed specialist for date. (Fall applied) germinates in your area and make application at least two weeks prior to this date.	20 lb /Acre or 1/2 lb /1 to 2 gals /1000 sq. ft.	Should be used following an early spring application for crabgrass control.
	Creeping Speedwell (Overlapping Bandwidth)	As a postemergence spray in spring or early fall when creeping speedwell is growing vigorously, there is ample soil moisture and temperature is between 70° and 90°F.	16 lb /Acre or 1/2 lb /1 to 2 gals /1000 sq. ft.	Apply spray to obtain thorough coverage of foliage. Delayed control of creeping speedwell approximately 30 days is to be expected and will be noticed first by a gradual loss of color and vigor.
	Spotted Spurge or Prostrate Spurge (Eastern White Manuregrass, E. manure)	Mid-April or before seed germination of annual weed. Repeat applications in 6 to 8 weeks.	14 to 16 lbs /Acre or 5 to 6 ounces /1 to 2 gals / 1,000 sq. ft.	Apply first application before germination of annual weed seeds such as crabgrass. Repeat application at the same rate 6 to 8 weeks later. In addition to control of spotted spurge or prostrate spurge, crabgrass control is also obtained.
Newly seeded turf	Crabgrass	After new turfgrass seedlings have exhibited a greening of the newly sprouted grass (about 1 to 2 inches high)	14 lbs /Acre or 1 lb /3 to 7 gals /3,000 sq. ft.	Allows crabgrass control without injury to the new turf.

Caution: After Dacthal treatment, wait approximately 80 days before any new seeding is undertaken. Do not use on Dichondra. See recommendations on bermgrass before using on this species.

Nursery Stock: Dacthal W-75 can be applied to a wide range of nursery stock at the rate of 14 to 16 pounds in 50 to 100 gallons of water per acre of area treated (1 pound in 3-7 gallons of water/3000 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 three months or more may be expected following proper application.

Dacthal W-75 is specifically recommended for weed control with the following:

Abelia	Feverfew	Nasturtium
Ageratum	Fi	Oak
Alyssum	Forget me not	Oxeye
Andromeda Jap	Forsythia	Pachistima
Arborvitae	Four O'Clock	Pachysandra
Ash	Frangula	Penny
Aster	Gallardia	Petunia
Azalea	Geranium	Peony
Baby's breath	Gladiolus	Poppy
Barberry	Goldust	Scabiosa
Beetroot	Goldenroft	Star plant
Birch	Gum	Poplar
Bleedingheart	Hawthorn	Privet
Bloodleaf	Heath pink	Privet variegated
Borivood	Holly	Redbud
Bugloss	Hydrangea	Rhododendron
Camellia	Honey-suckle	Rose
Candytuft	Iris	Russian olive
Chestnut	Ivy Balic	Sage scaller
Chrysanthemum	Ivy Boston	Snapperagon
Cinquefoil	Ivy English	Spiderwort Va
Coleus	Ivy Wilson	Spiraea
Columbine	Juniper	Spruce
Coneflower purple	Lantana	Stonecrop
Coreopsis	Larkspur candle	Strawflower
Coralbark	Lavender-cotton	Sundrop
Cosmos	LBZ	Sunflower
Coloneaster	Lily	Sweet pea
Cottonwood	Locust	Sycamore
Crabapple	Lupine	Tree peony
Cuphea	Magnolia	Tulip tree
Cypress	Maple	Viburnum
Dahlia	Marguerite golden	Wisteria
Delphinium	Marguerite	Walnut
Devil's	Mink-hedge	Wingem
Dogwood	Morning-glory	Willow
Flaenagris	Miss. rose	Winterweed
Firm	Mother of Thyme	Yarrow
Fuchsia	Mountain laurel	
Fuchsia	Mourning Glory	

Do not use on the following plants:

Rugelweed	Santhaler	Stitch
Button pink	Mesembryanthemum	Summer Achnan
Lantern	Pansy	Teintaria
Geum		

Amount of Dacthal W-75 to Use in Treating Small Areas

Area to be treated*	Recommended rate of Dacthal W-75 (lb/A)	Amount of Dacthal W-75 to Apply	Struck off (level) Tablespoons
1000 sq. ft. (From 1 to 2 gallons of water should be used to spray 1000 sq. ft.)	14 (heavy soil)	5.0 oz.	1
	12	4.5 oz.	1
	10 (medium soil)	3.75 oz.	1/2
	8	3.0 oz.	1/2
	6 (sandy soil)	2.25 oz.	1/2
250 sq. ft. (From 1/4 to 1/2 gallon of water should be used to spray 250 sq. ft.)	14 (heavy soil)	1.25 oz.	1/4
	12	1.0 oz.	1/4
	10 (medium soil)	0.75 oz.	1/4
	8	0.50 oz.	1/4
	6 (sandy soil)	0.375 oz.	1/4

Note: In treating small areas it is important to use care in measuring out required quantity for area to be treated properly mixing it in water and keeping it adequately agitated during application.

*Other size areas to be treated can be calculated from the above table. For example: To treat 5000 sq. ft. at the 10 lbs./acre rate, use 80 tbsp. (4 x 16) in 5 to 10 gallons of water (5 x 1 to 2).

To treat 600 sq. ft. at the 12 lbs./acre rate, use 11.4 tbsp. (10.6 x 1.9) in 0.6 to 1.2 gallons of water (0.6 x 1 to 2).

Rates of application can be reduced by handing. See Conversion Chart.

Conversion Chart for Dacthal W-75

For a 12 inch band of spray, use this amount of Dacthal W-75 per acre:

Row Width	Overall rate is			
	6 lbs per acre	8 lbs per acre	10 lbs per acre	12 lbs per acre
74 inches	3 lbs	4 lbs	5 lbs	6 lbs
32 inches	2 1/2 lbs	3 lbs	3 1/2 lbs	4 1/2 lbs
36 inches	2 lbs	2 1/2 lbs	3 lbs	4 lbs
40 inches	1 1/2 lbs	2 1/2 lbs	3 lbs	3 1/2 lbs

Special Precautions: Do not feed treated forage to livestock or graze treated areas. Applied according to directions and under conditions favorable to good plant growth. Dacthal W-75 will not harm crops for which its use is recommended. However, conditions such as high salt concentration, seedling disease, cold weather, deep planting, excessive moisture or drought may injure or weaken crops normally tolerant to Dacthal W-75, thereby increasing the possibility of herbicide damage. Under any of these conditions, one or more of the following may result: delayed crop development, reduced yields, or reduced quality.

Recommendations

Any Application of Dacthal Should Be Made Prior to Weed Seed Germination

Crops	When to Apply	Rate	Remarks
Broccoli, Brussels sprouts, cauliflower, cabbage	At seeding or transplanting	See Rates of Application and Weeds Controlled on page 4 and 5	Apply uniformly to the soil as a spray. Dacthal can be sprayed directly over transplants without injury. If weeds have emerged, soil should be clean cultivated or weeded prior to application. Can be preplant incorporated.
Field beans, snap beans, mungbeans, Southern peas (blackeye) and soybeans	At seeding		Apply uniformly to the soil as a spray at time of planting. Do not graze on treated areas or feed plant refuse, vines or freshings to livestock. Can be preplant incorporated.
Seeded melons (cantaloup, ic-nylons, watermelon), cucumbers, squash (summer and winter)	When plants have 4-5 true leaves (See Remarks)		Apply only when plants have 4-5 true leaves, are well established and growing conditions are favorable for good plant growth. (If applied earlier than recommended and/or growing conditions are unfavorable, crop injury may result.) If weeds have emerged, crop should be cultivated and weeded prior to the Dacthal application. Incorporation not recommended.
Collards, kale, mustard greens, turnips (greens and roots)	At seeding		Apply uniformly to the soil as a spray at time of seeding. Can be preplant incorporated.
Garlic	At seeding or transplanting and/or at layby		Apply uniformly to the soil as a spray. Dacthal can be sprayed directly over transplants without injury. If weeds emerge prior to layby (when garlic plants have 3 to 5 true leaves), the crop should be cultivated or weeded before application. Preplant incorporation is not recommended. Do not graze on treated areas or feed plant refuse to livestock.
Horseradish	At planting		Apply uniformly to the soil as a spray at time of seeding. Preplant incorporation not recommended.
Onions	At seeding or transplanting and/or at layby	See page 4 and 5 for preemergence rate and weeds controlled in sandy loam soils, however, a maximum preemergence rate of 10 pounds W-75 per acre is recommended.	Apply uniformly to the soil as a spray. Dacthal can be sprayed directly over transplants without injury. A layby application can be made on onions either alone or in addition to a Dacthal preemergence treatment up to 14 weeks after planting at rates up to 14 lb/A on any soil type. If weeds emerge prior to layby the onions should be cultivated or weeded prior to application. Preplant incorporation not recommended.

Crops	When to Apply	Rate	Remarks
Potatoes (whole or cut pieces)	At planting, drag off or layby	See Rates of Application and Weeds Controlled on page 4 and 5	Apply uniformly to the soil as a spray at planting or following planting. If the tops of the beds are to be dragged off, Dacthal should be applied after drag off. Layby applications can be made up to 9 weeks after planting. If weeds have emerged before application the crop should be weeded or cultivated prior to application. The initial sprinkler irrigation following Dacthal should not exceed 1 inch. If Pacific Northwest under dry conditions, Dacthal should not be used until just prior to the initial sprinkler irrigation. Under furrow irrigation in the Pacific Northwest, shallow incorporation (no greater than 1/2 inch deep) while the sprouts are still well below the soil surface may be desirable. Preplant incorporation not recommended. Dacthal not recommended for use on potatoes in California.
Radish	At seeding or up to three leaf stage	6 to 14 lbs W-75 per acre	Apply uniformly to the soil as a spray in 20 to 30 gallons of water per acre. If weeds have emerged, soil should be clean cultivated or weeded prior to application to permit uniform coverage of soil. Preplant incorporation not recommended. Do not graze on treated areas or feed plant refuse to livestock. Based upon available residue data, the use of Dacthal for weed control in radishes is limited to the State of California.
Sweet potatoes and yams	At transplanting and layby	See Rates of Application and Weeds Controlled on Page 4 and 5	Apply uniformly to the soil as a spray at transplanting. Dacthal can be sprayed directly over transplants without injury. Layby application can be made up to 6 weeks after transplanting. If weeds are present, the crop should be weeded or cultivated prior to Dacthal application. Incorporation of layby applications not recommended.
Tomatoes, eggplant and peppers	4-6 weeks after transplanting or on direct seeded plants at 4 to 6 inches in height (See Remarks)		Application uniformly to the soil should be confined to a period of 4-6 weeks after transplanting. Plants should be well established and growing conditions favorable for good plant growth. Dacthal can be sprayed directly over the transplants without injury. If weeds have emerged, the crop should be cultivated or weeded prior to making the Dacthal application. Do not apply to seeded plants until plants are 4-6 inches in height, well established, and growing conditions are favorable for good plant growth.
Strawberries New Plantings	At transplanting	12 pounds W-75 per acre	Apply uniformly to the soil as a spray. For new beds apply 12 pounds at transplanting. Can be preplant incorporated.
Strawberries Established Plantings	Fall and early Spring	8-12 pounds W-75 per acre	Application of 8-12 pounds per acre may be applied to control late summer or early fall germinating weeds. Application to established plantings should be made in fall and early spring. Do not apply after first bloom through harvest. Applications may be made directly over the plants without injury.
Cotton	At seeding and layby	See Rates of Application and Weeds Controlled on page 4 and 5	Apply uniformly to the soil at time of planting. Higher rates of 10-14 pounds are recommended for areas under irrigation. Layby application at 6-10 pounds can be made, but not after peak bloom or within 45 days of harvest. If weeds are present, the cotton should be weeded or cultivated prior to making layby application. Can be preplant incorporated.

Note: Rates can be reduced by banding.

Layby used in this table refers to the time just prior to the stage when crop plant size would prevent further cultivation.

Application and Calibration Techniques for Sprinkler Irrigation

Apply **Dacthal W-75** only through center pivot, motorized lateral move, solid set or portable (side roll, end tow or hand move) irrigation system(s). Do not apply this product through any other type of irrigation system.

Crop injury or lack of effectiveness can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact State Extension service specialists, equipment manufacturers or other experts.

- Do not apply this product through irrigation systems connected to a public water system. "Public water system" means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days per year.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

- The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- Always inject **Dacthal W-75** into irrigation water after it discharges from the irrigation pump and after it passes through the check valve. Never inject pesticides into the intake line on the suction side of the pump.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Spray mixture in the chemical supply tank must be agitated at all times, otherwise settling and uneven application may occur.

Dacthal W-75 may be used through two basic types of sprinkler irrigation systems as outlined in Sections A and B below. Determine which type of system is in place, then refer to the appropriate directions provided for each type. The tank containing **Dacthal W-75** must be equipped with effective mechanical agitation to keep the wettable powder in suspension. Premixing **Dacthal W-75** as instructed under ground application will insure that a uniform suspension is obtained. The injection equipment which contains the **Dacthal W-75** suspension should be connected to the discharge side of the irrigation pump or other pressurized equipment attached to the irrigation line.

A. Center Pivot and Motorized Lateral Move Irrigation Equipment

For injection of pesticides, these continuously moving systems must use a positive displacement injection pump, of either diaphragm or piston type, constructed of materials that are compatible with pesticides and capable of injection pressures approximately 2-3 times those encountered within the irrigation water line. Venturi applicator units cannot be used on these systems.

Fill chemical supply tank of injection equipment with water. Operate system for one complete revolution or run across the field, measuring time required, amount of water injected, and acreage covered. Thoroughly mix recommended amount of **Dacthal W-75** for acreage to be covered into same amount of water used during calibration and inject into system continuously for one revolution or run. Mixture in the chemical supply tank must be continuously agitated during the injection run. Shut off injection equipment after one revolution or run, but continue to operate irrigation system until **Dacthal W-75** has been cleared from last sprinkler head.

B. Solid Set and Portable (Side Roll, End Tow or Hand Move) Irrigation Equipment

Determine acreage covered by sprinkler. Fill tank of injection equipment with water and adjust flow to use contents over a thirty to forty five minute period. Mix desired amount of **Dacthal W-75** for acreage to be covered into quantity of water used during calibration and operate entire system at normal pressures recommended by the manufacturer of injection equipment used for amount of time established during calibration. **Dacthal W-75** can be injected at the beginning or end of the irrigation cycle or as a separate application. Stop injection equipment after treatment is completed and continue to operate irrigation system until **Dacthal W-75** has been cleared from last sprinkler head.

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Storage: Store in a dry place.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment and 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.

Warranty and Limitation of Damages

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing with specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

Dacthal is a registered trademark of Fermentia Plant Protection Company.

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EPA Est. No. 39578-TX-011