

111 - 7-13-92 1040  
24 JUN 1992

Ms. Molly Kettke  
Chas H. Lilly Co.  
7737 N.E. Killingsworth  
Portland, OR 97218

Dear Ms. Kettke:

Subject: Miller's Weeder for Flower and Vegetable Gardens  
EPA Registration No. 802-441  
Your Application of May 13, 1992

Thank you for your recent application relative to the Dimethyl Tetrachloroterephthalate (DCPA) Registration Standard and addition of the Groundwater Advisory Statement on the subject product label. The labeling you submitted is acceptable in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. A stamped copy is enclosed for your records. Please submit one copy of your final printed label incorporating these changes.

You indicated that you have previously responded to the DCPA Registration Standard for this product on September 22, 1988 and Notice dated December 7, 1988. However, our record for this product does not contain this information. (Please accept our apology for any mishandling on our part that may have contributed to this deficit.) In order for us to have a complete record for this product we need you to resubmit the indicated information.

Thank you.

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Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

H7505C:Mayes:jem:Rm235:305-5218:06/23/92  
Enclosure

MILLER'S WEEDER FOR FLOWER AND VEGETABLE GARDENS

Alternate Brand Name: LILLY/MILLER WEEDER

ACTIVE INGREDIENT:

DCPA (dimethyl tetrachloroterephthalate) . . . . 5.0%  
INERT INGREDIENTS . . . . 95.0%

Contains DACTHAL\*

\*DACTHAL - Reg. T.M. of Diamond Shamrock Corp.

For Weed Control in Ornamental Plantings, Vegetable & Flower Gardens

A Granular Pre-Emergence Weed Killer for Selective Weed Control of Annual grasses and certain broadleaved weeds such as Carpetweed, Chickweed, Clover, Common chickweed, Dodder, Florida pusley, Lambsquarters, Palmer amaranth, Prostrate spurge, Purslane, Redstem filaree, Sesbania, Slender speedwell, Spiny amaranth, Witchweed, Crabgrass, Fall panicum, Green foxtail, Large crabgrass, Lovegrass, Sandbur, Stinkgrass, Texas panicum, Witchgrass, and Yellow Foxtail in Ornamental Plantings, Home Flower Gardens and Vegetable Gardens.

TREATS 250 SQUARE FEET

Keep out of reach of children (10 ft minimum)  
CAUTION (14 point minimum)  
See side panel for additional precautionary statements

NET WEIGHT 1 LB.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Do not take internally. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT

If In Eyes: Flush with plenty of water. Call a physician if irritation persists. If On Skin: Wash exposed skin with soap and water.

ENVIRONMENTAL HAZARD

This chemical is toxic to fish. Do not apply where runoff is likely. Collect and incorporate granules spilled on the soil surface. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). 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 sand 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.

ACCEPTED  
with COMMENTS  
in EPA Letter Dec 81  
JUN 1992

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product has been found to meet the requirements for registration under EPA Reg. No. 802-44

#### 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:

Wear long-sleeved shirt and long-legged pants and chemical resistant gloves. **IMPORTANT!** If the 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 USE:** 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 use must be laundered separately from household articles.

Please read entire label. Use only as directed, noting all cautions.

WEEDER is a granular product for use as a pre-emergence application. It kills weed seeds as they germinate, before they emerge from the soil.

#### HOW TO APPLY

Cultivate the area to be treated so that all weeds are removed, leaving a uniformly smooth soil surface. Measure off the area to be treated ... one pound of WEEDER will treat 250 sq. ft. - 10' x 25' overall, or in a band 1 foot wide by 250 foot long.

Apply WEEDER uniformly over soil surface within 2 to 3 days following cultivation to prevent sub-surface germinating weeds from becoming established before chemical is activated.

If there is no effective rain within 3 to 4 days after application, sprinkle the areas treated to secure best results. The less the plant bed is disturbed after application, the more effective the application will be. Weed control up to four months or more may be expected following proper application.

Where possible application should be made in early spring. Applications later in the season can be made provided beds have been cultivated and are free of weeds.

#### WHERE TO APPLY

##### VEGETABLE GARDENS

Make applications as noted under "How to Apply," or as noted under specific crop.

BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER, CABBAGE - Apply at seeding or transplanting. Granules can be applied directly over transplants without injury.

BEANS (Snap or Dry) - Apply at seeding or transplanting.

CANTALOUPE, CUCUMBERS, HONEYDEW MELONS, SQUASH (Summer and Winter), WATERMELONS - Apply 4 to 6 weeks after seeding or at transplanting.

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COLLARDS, KALE, MUSTARD GREENS, TURNIPS (Greens and Roots) - Apply at seeding or transplanting.

EGGPLANTS, PEPPERS - Apply at transplanting. Granules can be applied directly over transplants without injury.

GARLIC, ONIONS - Apply at seeding or transplanting. Granules can be applied directly over transplants without injury.

LETTUCE (Leaf and Head) - Make one application only between 1 week and no later than 3 weeks after emergence.

POTATOES (Whole or cut pieces) - Apply at planting.

STRAWBERRY - Apply to established plants in fall or early spring. Do not apply after first bloom.

SWEET POTATOES, YAMS - Apply at transplanting.

TOMATOES - Apply 4 to 6 weeks after transplanting or when seeded plants are 4 to 6 inches tall. Granules can be applied directly over transplants without injury.

#### FLOWER GARDENS

Apply to the soil after setting out plants or after flowers are well established. WEEDER is recommended for weed control with the following:

African Violet	Dahlias	Orpine
Ageratum	Daisies	Peonies
Ajuga	Evening Primrose	Petunias
Alyssum	Fernleaf Yarrow	Purple Coneflower
Aster	Feverfew	Rose Moss
Baby's Breath	Forget-me-not	Salvia
Bellflower	Four-O'Clock	Scabiosa
Bleeding Heart	Foxglove	Scarlet Sage
Bloodleaf	Gaillardia	Snapdragon
Blue Bedder	Geranium	Spiderwort
Salvia	Gladiolus	Stonecrop
Bugloss	Gold-Dust	Strawflower
Candle Larkspur	Golden Marguerite	Sundrops
Candytuft	Goldentuft	Sunflower
Cape Marigold	Iris	Sweet Pea
Chrysanthemum	Larkspur	Torch Lily
Cinquefoil	Lavender Cotton	Verbena
Coleus	Lilies	Violets
Columbine	Lupines	Wallflower
Coneflower	Marigold	Yarrow
Coral Bells	Morning Glory	Zinnia
Coreopsis	Mourning Bride	
Cosmos	Mourning Pink	
Creeping Thyme	Nasturtium	

USE PRECAUTION: Do not apply to soils to be planted with seed the same season. Do not use on the following plants:

Bugle Weed	Germander	Sweet William
Button Pink	Mesembryanthemum	Telanthaera
Carnation	Pansy	
Geum	Phlox	

#### ORNAMENTAL PLANTINGS

Apply to the soil in early spring. Late summer applications may prove beneficial for control of fall-germinating weeds. For newly transplanted ornamentals, apply the granules immediately after setting out whether transplanted in spring or fall. WEEDER is specifically recommended for weed control of the following:

Abelia	Flowering Crabapple	Pachysandra
Arborvitae	Forsythia	Paxistima
Ash	Ground Hemlock	Pine
Austrian Pine	Gum	Pittosporum
Azalea	Hawthorn	Podocarpus
Barberry	Heath	Ponderosa Pine
Birch	Holly	Poplar
Blue Spruce	Honeysuckle	Redbud
Border Forsythia	Hybrid Tea Rose	Red Pine
Boston Ivy	Hydrangea	Rhododendron
Boxwood	Japanese Andromeda	Rose
California Privet	Japanese Barberry	Russian Olive
Camellia	Japanese Privet	Scotch Pine
Chestnut	Japanese Yew	Shore Pine
Cotoneaster	Juniper	Spirea
Cottonwood	Lantana	Spruce
Creeping Juniper	Ligustrum	Sycamore
Cuphea	Lilac	Tree Peony
Cypress	Loblolly Pine	Tuliptree
Deutzia	Locust	Varigated Privet
Dogwood	Magnolia	Viburnum
Dwarf Forsythia	Maple	Walnut
Elaeagnus	Mentor Barberry	Weigela
Elm	Mock Orange	White Spruce
English Ivy	Mountain Laurel	Willow
Euonymus	Multiflora Rose	Wormwood
Fir	Oak	Yellow Pine
		Yew

USE PRECAUTION: Do not apply to soils to be planted with seed the same season.

#### STORAGE AND DISPOSAL

Store this product in its original container out of reach of children and domestic animals. Do not reuse container. Securely wrap original

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container in several layers of newspaper and discard in trash.

Filled by weight not by volume. Product may settle after packaging.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

THE CHAS. H. LILLY CO.  
PORTLAND, OREGON 97218  
EPA Reg. No. 802-441  
EPA Est. 802-OR-1