JAN 1 0 1994

Michael A. Jackson Dexol Industries 1450 W. 228th Street Torrance, CA 90501

Dear Mr. Jackson:

Subject: Revised Labeling

Dexol Lawn Weed Killer

EPA Registration No. 192-118

Your Submission Dated October 18, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, Rodenticide Act, as amended, is acceptable with the following provisions:

- In order to comply with the reregistration standards for MCPP, add goggles to the required protective clothing.
- 2) Delete the phrase "if irritation persists" from the end of the "If In Eyes" statement.
  - 3) Since this product is intended for homeowner-use only, the third sentence within the Environmental Hazards section may be rewritten to read "Do not apply directly to water."

A stamped copy is enclosed for your records. Please submit five (5) final printed copies for the referenced label, incorporating the above changes, before releasing the product for shipment.

We acknowledge the addition of specific statements in response to the 2,4-D exposure reduction program. Please refer to the Agency correspondences dated October 30, 1992 and January 14, 1993 for required compliance dates.

Sincerely yours,

Joanne I. Miller Product Manager (23) Fungicide-Herbicide Branch Registration Division (7505C)

Enclosure

CONCURRENCES					
57MBOL 7.505 C					
SURNAME ND KENNY		***************************************			
DATE 1/6/94					
EDA E 1220 14 (100)		OFFICIAL FILE COPY			

EPA Form 1320-1A (1/90)

### [FRONT CONTAINER PANEL]

)

ACCEPTED
with COMMENTS
in EPA Lotter Dated

JAN 1 0 1994

DEXOL

Under the Federal Insecticide Fundicide, and Redemicide Act as assended, for the postelidregistered under EPA Reg. No.

#### LAWN WEED

#### KILLER

Kills Dandelions, Henbit, Spurge, Clover, Poison Ivy, and Most Other Broadleaf Weeds

## Contains Trimec

Treats 4,000 Sq.Ft.(Claim for 1 Pint Size Container) Treats 8,000 Sq.Ft.(Claim for 1 Quart Size Container) Kills 33+ Weed Types, Roots & All Active Ingredients: \*Dimethylamine Salt of 2-(2-methyl-4chlorophenoxy) propionic acid ...... \*\*Dimethylamine Salt of 2,4-dichlorophenoxyacetic acid ..... \*\*\*Dimethylamine Salt of Dicamba (3,6dichloro-o-anisic acid) ................... 0.84% Inert Ingredients: .....\_\_87.91% Total: ..... 100.00% This product contains: \*0.260 lb. 2-(2-methyl-4-chlorophenoxy) propionic acid per gallon or 3.02%. +\*\*0.543 lb. 2,4-Dichlorophenoxyacetic acid per gallon or \*\*\*0.059 lb. 3,6-dichloro-o-anisic acid per gallon or 0.69%. +Isomer specific by AOAC Method No. 6.D01-5 Keep Out of Reach of Children CAUTION

See back panel for additional precautionary statements...

NET \_\_\_\_\_ FL.OZ.(\_\_\_\_ML)

### SEE BACK PANEL FOR COMPLETE DIRECTIONS FOR USE

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. Wear long-sleeved shirt, long pants, socks, shoes and chemical resistant gloves when using or applying this product. After using this product, wash nondisposable gloves thoroughly with soap and water before removing, remove clothing and launder separately before reuse, and promptly and thoroughly was hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower. The maximum number of broadcast applications per treatment site is 2 per year. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried. Avoid contamination of food or leedstuffs. Food utensils such as teaspoons or measuring cups should not be used for food purposes after use with pesticides.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Never induce vomiting or give anything by mouth to an unconscious person. If Inhaled: Remove victim to fresh air. Apply artificial respiration if indicated and get medical attention. If On Skin: Immediately remove contaminated clothing and wash affected areas with plenty of soap and water. If In Eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

## ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. 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, nor pour the washwaters on the ground. Spray or drain over a large area away from wells, other water sources and desirable plants. Do not apply this product through any type of irrigation system.

DEXOL INDUSTRIES
Torrance, CA 90501

EPA Reg. No. 192-118 EPA Est. No. 192-CA-1

# [CONTAINER SIDE PANEL]

Kills:
Buckhorn
Carpet Weed
Chickweed
Clover
Dandelion
Frenchweed
Hawkweed
Jimson Weed
Lambsquarter

Mallow
Mustard
Pennywort
Pigweed
Poison Ivy
urslane
Sheep Sorrel

Smartweed Spurge Wild Carrot Wild Lettuce

Wild Lettuce Wild Radish Burdock Cocklebur Chicory Dock Dog Fennel Galin Sage

Galin Sage Henbit Knot Weed Lippia

Morning Glory

Oxalis
Peppergrass
Plantain
Poison Oak
Ragweed

Shepherdspurse

Speedwell
Thistle
Wild Garlic
Wild Onion
Yarrow

and Most Other Broadleaf Weeds

# [PAMPHLET LABEL]

#### DEXOL

# LAWN WEED

## KILLER

Kills Dandelions, Henbit, Spurge, Clover, Poison Ivy, and Most Other Broadleaf Weeds

## Contains Trimec

Treats 4,000 Sq.Ft.(Claim for 1 Pint Size Container)
OR
Treats 8,000 Sq.Ft.(Claim for 1 Quart Size Container)

# Kills 33+ Weed Types, Roots & All

, Kills 33+ weed Types, Roots & All	
Active Ingredients:	
*Dimethylamine Salt of 2-(2-methyl-4-	
chlorophenoxy) propionic acid	3.66%
**Dimethylamine Salt of 2,4-dichloro-	
phenoxyacetic acid	7.59%
***Dimethylamine Salt of Dicamba (3,6-	
dichloro-o-anisic acid)	0.84%
nert Ingredients:	87 012
Total: 1	
IOCAI I	.00.00%
This product contains:	
*0.260 lb. 2-(2-methyl-4-chlorophenoxy) propionic acid p gallon or 3.02%.	er
+**0.543 lb. 2,4-Dichlorophenoxyacetic acid per gallon or 6.30%.	
***0.059 lb. 3,6-dichloro-o-anisic acid per gallon or 0.69 +Isomer specific by AOAC Method No. 6.D01-5	₹.

# Keep Out of Reach of Children

## CAUTION

See back panel for additional precautionary statements

BEST AVAILABLE COPY

### [PAMPHLET LABEL - PAGE 2]

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. Wear long-sleeved shirt, long pants, socks, shoes and chemical resistant gloves when using or applying this product. After using this product, wash nondisposable gloves thoroughly with soap and water before removing, remove clothing and launder separately before reuse, and promptly and thoroughly was Remove saturated clothing as hands and exposed skin with soap and water. soon as possible and shower. The maximum number of broadcast applications per treatment site is 2 per year. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried. Avoid contamination of food or feedstuffs. Food utensils such as teaspoons or measuring cups should not be used for food purposes after use with pesticides.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Never induce vomiting or give anything by mouth to an unconscious person. If Inhaled: Remove victim to fresh air. Apply artificial respiration if indicated and get medical attention. If On Skin: Immediately remove contaminated clothing and wash affected areas with plenty of soap and water. If In Eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

## **ENVIRONMENTAL HAZARDS**

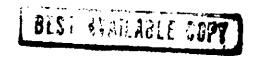
This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters, nor pour the washwaters on the ground. Spray or drain over a large area away from wells, other water sources and lesirable plants. Do not apply this product through any type of irrigation system.

# [THE FOLLOWING DIRECTIONS FOR USE WILL BE USED WITH PRODUCTS PACKAGED "WITHOUT" A HOSE-END SPRAYER ATTACHMENT]

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is for use on home lawns and home recreational turf areas only. Do not apply this product to sites or areas not listed or prohibited on this label.

USE PRECAUTIONS: DO NOT allow spray or drift to contact vegetables, flowers, ornamental plants, shrubs, trees or other desirable plants. DO NOT pour spray solution near these plants. DO NOT broadcast apply to Centipede, St. Augustine, Carpetgrass, Dichondra, Desirable Bentgrass or Clover, as injury will occur. Using a tank-type sprayer and following recommended rates, "Spot Treatments" can be made in such sensitive lawn types to kill undesirable weeds. DO NOT apply to areas underlaid by roots of desirable trees and shrubs. DO NOT exceed recommended rates as injury to turf may occur.

CONTROLS: Buckhorn, Burdock, Carpet Weed, Cocklebur, Chickweed, Chicory,



### [PAMPHLET LABEL - PAGE 3]

Clover, Dock, Dandelion, Dog Fennel, Frenchweed, Galin Sage, Hawkweed, Henbit, Jimson Weed, Knot Weed, Lambsquarter, Lippia, Mallow, Morning Glory, Mustard, Oxalis, Pennywort, Peppergrass, Pigweed, Plantains, Poison Ivy, Poison Oak, Purslane, Ragweed, Sheep Sorrel, Shepherdspurse, Smartweed, Speedwell, Spurge, Thistle, Wild Carrot, Wild Garlic, Wild Lettuce, Wild Onion, Wild Radish, Yarrow and Most Other Broadleaf Weeds.

WHERE TO USE: Dexol Lawn Weed Killer may be used to effectively kill weeds in Bluegrass, Bermuda or Zoysia home turf areas. After applying this product, many broadleaf weeds will begin to show visible signs of leaf curl with a few days. Some hard-to-kill broadleaf weeds may require a second treatment in 3 - 4 weeks.

WHEN TO APPLY: Apply any time during the growing season when weeds are actively growing. Treat Chickweed, Henbit, Wild Onion and Garlic in the Fall r in the Spring, as needed. For new lawns, wait until the turf has reached a height of 2 inches and turf has been mowed at least 3 times. Do not reseed or plant stolons for 3 - 4 weeks following application of this product. Poor weed control may result if treatment is made during drought or just prior to rainfall. For best results, mow lawn a few days before treating. Do not water lawn within 48 hours after treatment. Do not mow lawn within 48 hours after application. The maximum number of broadcast applications per treatment site is 2 per year.

This product can reach groundwater as a result of mixing and loading. To minimize groundwater contamination from spills during mixing, loading and cleaning of equipment, take the following steps:

MIXING & LCADING: When mixing, loading or applying this product, wear long-sleeved shirt, long pants, socks, shoes and chemical resistant gloves.

The mixing and loading of spray mixtures into the spray equipment must be carried out on an impervious pad (i.e., concrete slab, plastic sheeting) arge enough to catch any spilled material. If spills occur, contain the pill using an absorbent material (e.g., sand, earth or synthetic absorbent). Dispose of the contaminated material by placing in a plastic bag and following the disposal instructions on this label. Triple rinse empty containers and add the rinsate to the mixing tank.

CLEANING OF EQUIPMENT: When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources.

**HOW TO USE:** Use a commercially available hose-end or tank type application sprayer. Use recommended amount of Dexol Lawn Weed Killer (Column 1) and add water to indicated level (Column 2). Spray to cover amount of area indicated (Column 3).

C	Column 1	Column 2	Coluan 3,
Amount of Dexol Lawn Weed Killer to Use		Amount of Water to Use	'Area. To Treat
(Tbsp.)	(F1.Oz.)	(Gallons)	(Sq.Ft.)

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250 -

PAMPHLET			
10	5	5	1,250
20	10	10	2,500
30	15	15	3,750
32	16	16	4,000
40	20	20	5,000
64	32	32	8,000

## STORAGE & DISPOSAL

Storage: Store in a cool, dry place away from fertilizers, seeds, insecticides, or fungicides. Keep in original container and preferably in a locked storage area away from children and pets. Do not store below 32°F. Disposal: Securely wrap original container in several layers of newspaper and discard in trash.

# [THE FOLLOWING DIRECTIONS FOR USE WILL BE USED WITH PRODUCT PACKAGED WITH A HOSE-END SPRAYER ATTACHMENT]

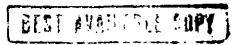
DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is for use on home lawns and home recreational turf areas only. Do not apply this product to sites or areas not listed or prohibited on this label.

USE PRECAUTIONS: DO NOT allow spray or drift to contact vegetables, flowers, ornamental plants, shrubs, trees or other desirable plants. DO NOT pour spray solution near these plants. DO NOT broadcast apply to Centipede, St. Augustine, Carpetgrass, Dichondra, Desirable Bentgrass or Clover as injury will occur. DO NOT apply to areas underlaid by roots of desirable trees and shrubs. DO NOT exceed recommended rates as injury to turf may occur.

CONTROLS: Buckhorn, Burdock, Carpet Weed, Cocklebur, Chickweed, Chicory, Clover, Dock, Dandelion, Dog Fennel, Frenchweed, Galin Sage, Hawkweed, Henbit, Jimson Weed, Knot Weed, Lambsquarter, Lippia, Mallow, Morning Glory, Yustard, Oxalis, Pennywort, Peppergrass, Pigweed, Plantains, Poison Ivy, Joison Oak, Purslane, Ragweed, Sheep Sorrel, Shepherdspurse, Smartweed, Speedwell, Spurge, Thistle, Wild Carrot, Wild Garlic, Wild Lettuce, Wild Onicn, Wild Radish, Yarrow and Most Other Broadleaf Weeds.

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### [PAMPHLET LABEL - PAGE 5]

This product can reach groundwater as a result of spills. To minimize groundwater contamination from spills during attachment of hose-end applicator take the following steps:

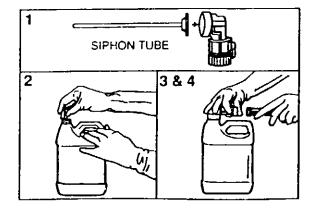
LOADING: When attaching hose-end sprayer attachment and applying this product, wear long-sleeved shirt, long pants, socks, shoes and chemical

resistant gloves.

The attachment of the hose-end sprayer attachment must be carried out on an impervious pad (i.e., concrete slab, plastic sheeting) large enough to catch any spilled material. If spills occur, contain the spill using an absorbent material (e.g., sand, earth or synthetic absorbent). Dispose of the contaminated material by placing in a plastic bag and following the disposal instructions on this label.

HOW TO USE: Determine size of spraying job. Measure area to be sprayed to determine the number of square feet of lawn area to be treated. Follow hose) nd spray attachment and spraying instructions given below. Apply 1 pint to cover 4,000-Sq.ft. (or 1 Quart to cover 8,000 sq.ft.).

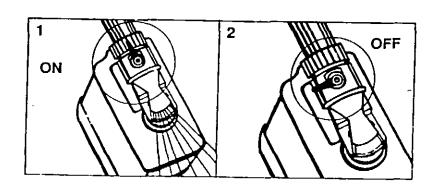
HOSE-END SPRAYER ATTACHMENT INSTRUCTIONS: 1) Remove cap and foil liner from bottle. 2) Place siphonage tube into bottle. 3) Turn sprayer off by turning on/off valve 1/4 turn. Securely tighten sprayer attachment to bottle. 4) Securely screw hose into hose-end sprayer attachment.



## [PAMPHLET LABEL - PAGE 6]

SPRAYER INSTRUCTIONS: 1) Turn on water. TO START FLOW OF PRODUCT, turn sprayer attachment on. Product will automatically be diluted at proper ratio. Hold about 3 feet above area to be treated moving at a steady pace to ensure consistent coverage. When applying, hold container by placing sprayer attachment in palm of hand and securely grasp container handle with fingers.

2) TO STOP FLOW OF PRODUCT, turn sprayer attachment off. NOTE: To ensure adequate coverage, use moderate to high water pressure when applying.



#### STORAGE & DISPOSAL

Storage: Store in a cool, dry place away from fertilizers, seeds, insecticides, or fungicides. Keep in original container and preferably in a cocked storage area away from children and pets. Do not store below 32°F. Jisposal: Do not reuse empty container or hose-end sprayer attachment. Securely wrap original container and hose-end sprayer attachment in several layers of newspaper and discard in trash.

NOTICE: BUYER ASSUMES ALL RESPONSIBILITY FOR SAFETY AND USE NOT IN ACCORDANCE WITH DIRECTIONS AND PRECAUTIONS.

DEXOL INDUSTRIES
Torrance, CA 90501

EPA Reg. No. 192-118 EPA Est. No. 192-CA-1

