



PM 23 10088-33 1043
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

NOV 13 1996

Patrick Rego
Athea Laboratories Inc.
P.O. Box 23926
Milwaukee, WI 53223

Dear Mr. Rego:

SUBJECT: Selective Herbicide #2 Revised Labeling - General
Editing for Clarity
EPA Registration No. 10088-33
Your Application Dated August 7, 1996

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

1. Under ENVIRONMENTAL HAZARDS revise the statement prohibiting application directly to water to read as follows:

Do not apply directly to water, or areas where surface water is present or to intertidal areas below the mean high mark.

2. Make the following revisions under Hazards to Humans and Domestic Animals:

- 2a. In the listing of protective clothing, replace "rubber gloves" with "chemical-resistant gloves".

- 2b. Revise the statement which currently reads "Avoid contact with skin, eyes, or clothing" to read "Do not get in eyes or on clothing. Avoid contact with skin."

3. Make the following revisions to the Statement Of Practical Treatment:

- 3a. Delete the paragraph immediately below the section heading, which begins with "May cause skin irritation. Avoid contact with skin, eyes and clothing..." These statements are redundant, incomplete and/or in conflict with the precautionary statements under Hazards To Humans and Domestic Animals.

3b. Move the ocular Statement of Practical Treatment to the top of the section, since this is the exposure route of greatest concern.

3c. Revise the oral and dermal Statements of Practical Treatment to read as follows:

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

4. Correct the spelling of the word "half" in the first sentence of the directions for preparation of the spray.

Sincerely yours,

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	MCOOKE							
DATE ▶	Nov 12, 1996							

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

DANGER: CORROSIVE. Causes irreversible eye damage. May cause skin irritation. Avoid contact with skin, eyes or clothing. Harmful if swallowed. Avoid inhaling vapors or spray mist. When mixing, loading or applying this product or repairing or cleaning equipment used with this product, wear eye protection (face shield or safety glasses), long-sleeved shirt, long pants, socks, shoes, and rubber gloves. Wash hands, face and arms with soap and water as soon as possible after mixing, loading or applying this product. Wash hands, face and arms with soap and water before eating, smoking or drinking. Wash hands and arms before using the toilet. After work, remove all clothing and shower using soap and water. Do not re-use clothing worn during the previous days mixing and loading or application of this product without cleaning first. Clothing must be kept and washed separately from other household laundry. 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 areas during application. Do not enter treatment areas until spray has dried or dust has settled. If this container is over one gallon and less than five gallons, the person engaged in open pouring of this product must also wear coveralls or a chemical-resistant apron. If this container is five gallons or more in capacity, then a mechanical system (probe and pump) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

STATEMENT OF PRACTICAL TREATMENT

May cause skin irritation. Avoid contact with skin, eyes and clothing. Harmful if swallowed. Avoid inhaling vapors or spray mist. When handling this product, wear chemical resistant gloves.
IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting. Call a physician or poison control center immediately. Do not induce vomiting or give anything by mouth to an unconscious person.
IF ON SKIN: Remove contaminated clothing and launder before re-use. Wash skin with soap and water.
IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water. Do not contaminate water supply when disposing of equipment wash water. Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of a closed system for mixing or transferring this product will reduce the probability of spills. Placement of mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination. Spray equipment should be thoroughly cleaned before using for any other purpose. This product will kill or seriously injure desirable plants. Do not apply directly to ornamentals, flowers, fruits, vegetables, grapes, cotton, tobacco, carpet grass, St. Augustine grass or other desirable plants. Do not use when there is a hazard from drifting spray mist. Coarse sprays are less likely to drift. Vapors may injure susceptible plants in the immediate vicinity.

PHYSICAL OR CHEMICAL HAZARDS.

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

This product is designed for use on lawns, golf courses, parks, along highways, vacant lots and similar areas without injury to most grasses.

**SELECTIVE
HERBICIDE**

#2

BROADLEAF WEED KILLER

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid46.7%
INERT INGREDIENTS53.3%
TOTAL100.00%
2,4-dichlorophenoxyacetic acid equivalent 38.8% (3.8 pounds per gallon).
Isomer specific by AOAC method 6, 1-5.

EPA REG. NO. 10088-33 -
EPA EST. NO. 10088-WI-1

KEEP OUT OF REACH OF CHILDREN

DANGER:

CORROSIVE. Causes irreversible eye damage.
See side panel for additional precautionary statements.

Sold By:

SPECIMEN

**ACCEPTED
LABEL**

with **COMMENTS**
In EPA Letter Dated

NOV 13 1996

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

10088-33

RECOMMENDED FOR CONTROLLING:
ARROWHEAD - DANDELION - DOCKS - HENBIT
GOLDENROD - LAMBS-QUARTER - MUSTARD
PEPPERGRASS - PIGWEED - RAGWEED
WILD MORNING GLORY - PLANTAINS - THISTLES - WILD
RADISH - SHEPARD'S PURSE AND MANY OTHER 2,4-D
SUSCEPTIBLE BROAD LEAF WEEDS.

Preparation of the spray: Fill the spray tanks with half the required amount of water then add the recommended amount of this product with agitation, and finish filling the spray tank with water. Use enough water per acre to give uniform coverage. The amount required for low volume applications may vary from 5 to 25 gallons per acre. For high volume applications, 100 gallons or more of water will be needed for good coverage. In any case, use the same amount of this product recommended per acre. Do not apply this product through any type of irrigation system.

Time of application: Best results are obtained when used on weeds that are young and in a rapid growth condition. Applications of lower rates to susceptible annual weeds will be satisfactory, but for perennial weeds and other conditions where weed kill is difficult, use higher rates. Some woody plants and weeds are hard to kill and repeat applications may be necessary.

LAWNS AND GOLF FAIRWAYS: Apply 1 to 1-1/2 quarts per acre with sufficient water to obtain uniform coverage. DO NOT apply to bent grass or to freshly seeded turf until grass has become well established. Most clover are usually injured or killed.

FOR TREATING SMALL AREAS: Use one tablespoon of this product in 3 gallons of water.

GENERAL WEED CONTROL: On vacant lots, roadside and along fence rows, use 2 to 3 quarts in 100 gallons of water per acre.

PASTURES: To control many broadleaf weeds in pastures, meadows and rangelands, use 1 to 1-1/2 quarts per acre in sufficient water to provide uniform application. Treat pastures when weeds are growing actively. Do not apply to recently seeded pastures until grass is well established. Most legumes are usually injured or killed at the rates recommended. Do not graze dairy animals on treated areas within seven days after treatment. Do not graze meat animals on treated areas within 3 days before slaughter. Do not harvest treated grass for hay within 30 days after treatment.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Do not store near heat or open flame. Store above 32°F. If product freezes, mix thoroughly before using. This does not alter the product. Keep container tightly closed when not in use. If container is damaged or leaking, contain spill. Soak up spilled material with absorbent and place in closed, labeled container for proper disposal.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent), then offer for recycling, or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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