

ACCEPTED

MAR 22 1974  
UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
UNDER NO. 10088-33 SUBJECT  
TO ATTACHED COMMENTS

# WEED KILLER - 4DMA

### DIRECTIONS FOR USE:

**Time of Application.** Best results are obtained when used on weeds that are young and in a rapid growing 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. When used as a selective spray in crops, the stage of growth of the crop must be considered. Some woody plants and weeds are hard to kill and repeat applications may be necessary.

**SMALL GRAIN CROPS (Wheat, Oats, Barley, Rye):** Apply at the rate of 1 pint per acre on small grains when fully tillered or stooled (4 to 8 inches tall) but before head emerges from the boot. Injury will be likely to occur if this product is applied earlier than "tiller" or later than "boot". Do not use on grains undersown with legumes such as alfalfa or clovers, except where some legume injury can be tolerated. Do not apply when grain is headed.

Do not forage or graze treated grain fields within two weeks after treatment with 2, 4-D.

**AERIAL APPLICATION:** Use at the rate of 1 pint in 1 to 10 gallons of water per acre.

**RICE:** In the South and Southwest apply from 1 1/2 to 3 pints per acre in 5 to 10 gallons of water 7 to 10 weeks after planting, or when the rice is fully tillered but not yet in the boot. California - Apply 1 1/2 to 2 pints per acre 55 to 65 days after planting, when the rice is through the water and well established.

**NOTE:** When stored at temperatures below freezing it may be necessary to warm up to at least 45° F. and shake thoroughly before using.

### GENERAL INFORMATION:

Recommended for controlling Arrowhead, Dandelion, Docks, Henbit, Goldenrod, Lambs-quarters, Mustards, Peppergrass, Pigweed, Plantains, Ragweed, Shepherd's-purse, Thistles, Wild Morning-Glory, Wild Radish and many other 2, 4-D-susceptible broad leaved weeds in crops. This product also can be used on lawns, golf courses, parks, along highways, vacant lots, and similar areas without injury to most grasses.

**PREPARATION OF THE SPRAY:** Fill the spray tank with half the required amount of water, then add the recommended amount of product with agitation and continue 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 2, 4-D recommended per acre.

Contains 4.0 pounds 2, 4-D Acid Equivalent Per Gallon

### ACTIVE INGREDIENTS:

Dimethylamine Salt of 2, 4-Dichlorophenoxyacetic Acid\* . . . . . 49%

**INERT INGREDIENTS:** . . . . . 51%

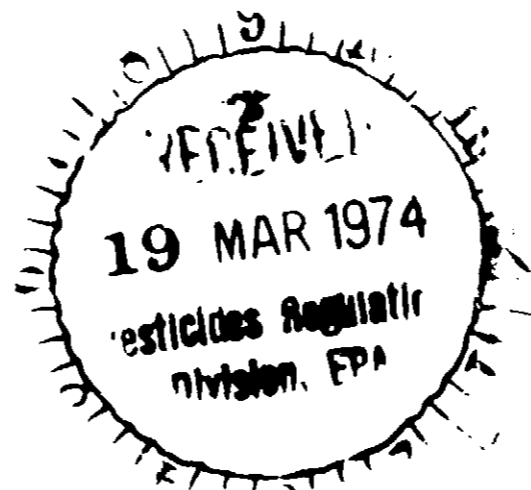
**TOTAL** . . . . . 100%

\*Equivalent to 2, 4-Dichlorophenoxyacetic Acid 41.0%

**CAUTION: KEEP OUT OF THE REACH OF CHILDREN**  
See Side Panel For Additional Cautions.

EPA Reg. No. 10088-33

NET CONTENTS:



**ATHEA LABORATORIES, INC.**  
Milwaukee, WI 53212

**CORN: PRE-EMERGENCE** - Use at the rate of 1 to 2 quarts in sufficient water for uniform coverage. Best results are obtained when applied 3 to 5 days after planting, but before corn emerges. DO NOT apply to light sandy soils. **POST-EMERGENCE** - apply at the rate of 1 pint per acre. When spraying corn above 12 inches in height use nozzle extensions ("corn drops"), directing the spray down the base of the corn plant. Do not apply from tasseling to dough stage.

**SORGHUM: POST-EMERGENCE** - Use spray at the rate of 1 pint per acre on plants 6 to 12 inches high when secondary roots are well established. Use drop nozzles when crop is over 10 inches tall.

**SUGAR CANE:** Apply at the rate of 1 to 2 quarts per acre as a spring treatment through lay-by.

**PASTURES:** To control many broadleaved weeds in pastures, meadows, and rangelands, use 1 to 1 1/2 quarts per acre in sufficient water to provide for 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 treated areas by dairy animals within seven days after treatment.

**LAWNS AND GOLF FAIRWAYS:** Apply 1 to 1 1/2 quarts per acre in sufficient water to obtain uniform coverage. DO NOT apply to bent grasses or to freshly seeded turf until grasses have become well established. Most clovers are usually injured or killed.

**FOR TREATING SMALL AREAS** - One tablespoonful of this product in 3 gallons of water.

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

**CAUTION:** Harmful if swallowed. Avoid contact with skin, eyes, or clothing. DO NOT contaminate irrigation ditches or water used for domestic purposes. DO NOT store near fertilizers, seeds, insecticides, or fungicides. DO NOT use the same spray equipment for applying other materials to plants, as injury will result. DO NOT REUSE CONTAINER. DESTROY WHEN EMPTY.

Although this product is non-volatile, care must be used to prevent spray drift from coming into direct contact with vegetables, flowers, grapes, fruit trees, ornamentals. Dichondra, cotton, St. Augustine grass, or other desirable plants sensitive to 2, 4-D. Coarse sprays are less likely to drift.

Buyer assumes all risks of use, storage or handling of this material in strict accordance with directions given hereon.