

THE UNITED STATES OF AMERICA  
DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D. C. 20535

MEMORANDUM FOR THE DIRECTOR  
SUBJECT: [Illegible]

DATE: [Illegible]

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WASCO  
2,4-D DIETHANOLAMINE 4 LB.

Contains 4 pounds of 2,4-D Acid Equivalent per gal.

ACTIVE INGREDIENTS:

\*Diethanolamine salt of 2,4-Dichlorophenoxyacetic Acid..... 57.4%

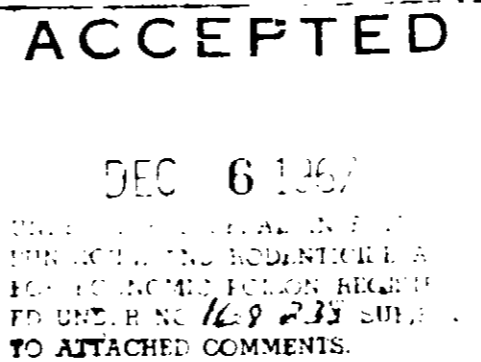
INERT INGREDIENTS..... 42.6%  
TOTAL 100.0%

\*2,4-Dichlorophenoxyacetic Acid equivalent 38.4%.

CAUTION: KEEP OUT OF REACH OF CHILDREN  
SEE SIDE PANELS FOR OTHER CAUTIONS.

U.S.D.A. REG. NO. 168-238

DIPECTIONS FOR USE



TIME OF APPLICATION: Best results are obtained when Diethanolamine D4 is 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 on 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 Diethanolamine D4 at the rate of 1 to 1½ pints 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 2 weeks after treatment with 2,4-D. Do not feed treated straw to Livestock.

AERIAL APPLICATION: Use Diethanolamine D4 at the rate of 1 to 1½ pints in 1 to 10 gallons of water per acre.

FLAX: Apply Diethanolamine D4 at the rate of 1/2 to 2/3 pints per acre as weed growth warrants, providing the flax plants have formed 4 to 5 leaves (2 to 6 inches tall).

CORN: PRE-EMERGENCE: Use Diethanolamine D4 at the rate of 1 to 2 quarts per acre 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 the rate of 1 pint per acre. When spraying corn above 12 inches in height use nozzle extension ("corn drops"), directing the spray down the base of the corn plants. Do not apply from tasseling to dough stage. Use drop nozzles when crop is over 10 inches high.

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. Do not apply from tasseling to dough stage. Use drop nozzles when crop is over 10 inches high.

**SUGAR CANE:** Apply at the rate of 2 to 4 pints per acre as a spring treatment, and/or as layby.

**PASTURES:** To control many broadleaved weeds in pastures, meadows, and rangelands, use 2 to 3 pints of Diethanolamine D4 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 2 to 3 pints of Diethanolamine D4 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 1 1/2 gallons of water is about equal to one quart in 100 gallons of water.

**GENERAL WEED CONTROL:** On vacant lots, roadsides, and along fence rows use 2 to 3 quarts of Diethanolamine D4 in 100 gallons of water per acre. Thoroughly wet all foliage to run-off.

**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

Diethanolamine D4 is recommended for controlling Arrowhead, Dandelion, Docks, Henbit, Goldenrod, Lambs-quarters, Mustards, Peppergrass, Pigweed, Plantains, Ragweed, Shepherd's -purse, Thistles, Wild Carrot, Wild Morning Glory, Wild Radish and many other 2,4-D susceptible broadleaved weeds in crops. This product also can be used on lawns, golf courses, parks, along highways, vacant lots, and other 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 Diethanolamine D4 with agitation and continue filling the spray tank with water. Use enough water per acre to give uniform coverage. The amount of water 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.

#### CAUTION:

DO NOT take internally. Avoid contact with skin, eyes, or clothing. Although Diethanolamine D4 is non-volatile, care must be used to prevent spray drift from coming into direct contact with vegetables, flowers, grapes, fruit trees, ornamentals, cotton, or other desirable plants sensitive to 2,4-D. Coarse sprays are less likely to drift. DO NOT contaminate irrigation ditches or water used for domestic purposes. DO NOT use the same spray equipment for applying other materials to plants, as injury may result. DO NOT store near fertilizers, seeds, insecticides, or fungicides.

This product is licensed under one or more of the following United States Patents:  
2,399,641 2,374,916 2,226,513 2,412,516 2,175,193 2,112,317 1,811,117