

water to obtain uniform coverage. Do not apply to lawns or to fields of grain until grasses have become well established. The 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 4-DESD ALKANOAMINE 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 degrees F. and shake thoroughly before using.

GENERAL INFORMATION

4-DESD ALKANOAMINE is recommended for controlling Arrowhead, Dandelion, Docks, Henbit, Goldenrod, Lambsquarters, Mustards, Peppergrass, Pigweed, Plantains, Ragweed, Shepherds-purse, Thistles, Wild Carrot, Wild Morning Glory, Wild Radish and many other 2,4-D susceptible broadleaf 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.

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PREPARATION OF THE SPRAY: Fill the spray tank with half of the required amount of water, then add the recommended amount of 4-DESD ALKANOAMINE 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.

CAREFUL: 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.
- DO NOT take internally. Avoid contact with skin, eyes, or clothing.

This product is licensed under one or more of the following United States Patents: 2,350,641, 2,354,916, 2,355,413, 2,472,610, 2,472,933, 2,472,947, Reg. 23,115.

WARRANTY: Seller makes no warranty of any kind, expressed or implied, concerning the use of this product. Buyer assumes all risks of use or handling, whether in accordance with directions or not.

UNITED STATES DEPARTMENT OF AGRICULTURE
 AGRICULTURAL RESEARCH SERVICE
 PLANT INDUSTRY DIVISION
 WASHINGTON, D. C. 20250

April 1, 1966
 Product No. 1-10-22,67

ACCEPTED WITH COMMENTS

WASCO
2,4-D ISOPROPYL ESTER 3.34 lbs. E.C.

Contains 3.34 pounds 2,4-D Acid Equivalent Per Gallon

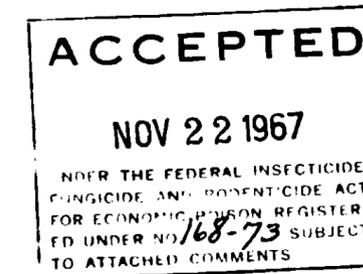
ACTIVE INGREDIENT: Isopropyl Ester of 2,4-Dichlorophenoxyacetic Acid* 46%
INERT INGREDIENTS: 54%
TOTAL 100%

*Equivalent to 2,4-Dichlorophenoxyacetic Acid 38.7%

U.S.D.A. Reg. No. 168-73

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

DIRECTIONS FOR USE



TIME OF APPLICATION: Best results are obtained when 2,4-D Isopropyl Ester 3.34 lbs. E.C. is used on weeds that are young and in a rapid growing condition. Applications of lower rates to susceptible annual weeds usually will be satisfactory, but for perennial weeds and other conditions where 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 2,4-D Isopropyl Ester 3.34 lbs. E.C. at the rate of $\frac{1}{2}$ to $\frac{3}{4}$ pints per acre in sufficient water for uniform coverage on small grains when fully tillered or stooled (4 to 8 inches tall) but before head emerges from the "boot". Do not use on grain 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.

FLAX: Apply 2,4-D Isopropyl Ester 3.34 lbs. E.C. at the rate of $\frac{1}{2}$ pint per acre as weed growth warrants, providing the flax plants have formed 4 to 5 leaves (2 to 6 inches tall). Do not treat flax after the early bud stage.

CORN: -PRE-EMERGENCE: Use 2,4-D Isopropyl Ester 3.34 lbs. E.C. at the rate of $1\frac{1}{4}$ to $2\frac{1}{2}$ 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 $\frac{1}{2}$ to $\frac{2}{3}$ pints per acre. When spraying corn above 10 inches in height, use nozzle extensions ("corn drops"), directing the spray down to the base of the corn plant. Do not apply from tasseling to dough.

SORGHUM: Use 2,4-D Isopropyl Ester 3.34 lbs. E.C. at the rate of $\frac{1}{2}$ to $\frac{3}{4}$ pint per acre on plants 6 to 12 inches high when secondary roots are well established. Use drop nozzle when crop is over 10 inches high. DO NOT apply during flowering or early dough stages.

PASTURES: To control many broadleaved weeds in pastures, meadows and rangelands, use $2\frac{1}{2}$ pints of 2,4-D Isopropyl Ester 3.34 lbs. E.C. 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. For control of wild garlic and onion in