

WAGATCH CHEMICAL COMPANY  
ONE LAKE CIRCLE, WASH

BUTYL ESTER D6  
2,4-D Butyl Ester Concentrate

10/10/67

Contains 6 pounds 2,4-D Acid Equivalent per gallon.

ACTIVE INGREDIENT:  
Butyl Ester of 2,4-Dichlorophenoxyacetic Acid.....78.0%

INERT INGREDIENTS: .....22.0%

\*Equivalent to 2,4-Dichlorophenoxyacetic Acid (2.2%)

CAUTION: KEEP OUT OF REACH OF CHILDREN  
SEE STATE LABELS FOR OTHER CAUTIONS.  
U. S. D. A. REG. NO. 169-003  
DIRECTIONS FOR USE

TO: **ACCEPTED**  
NOV 24, 1967  
FEDERAL BUREAU OF INVESTIGATION  
PLANNING AND RESEARCH  
FOR ECONOMIC POISON REGULATION  
ED UNDER NO. 100-107  
TO ATTACHED GOVERNMENT AGENCY

**TIME OF APPLICATION:** Test results are obtained when Butyl Ester D6 is applied 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 Butyl Ester D6 at the rate of 1/3 to 2/3 pint per acre, in sufficient water for uniform coverage on small grains when fully tillered or steed (4 to 8 inches tall) but before head emerges from the "boot". Do not use on grain underlain 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 forage or grain. Treated grain fields within 2 weeks after treatment with 2,4-D. Do not use treated straw for livestock.

**FLAX:** Apply Butyl Ester D6 at the rate of 1/6 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 at the rate of 1 1/2 to 2-2/3 pints 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 soil.

**POST-EMERGENCE:** Apply at the rate of 1/2 pint 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 stage.

**SORGHUM:** Use Butyl Ester D6 at the rate of 1/3 to 2/3 pints per acre when the sorghum plants are from 6 to 12 inches high and the secondary roots are well established. Do not apply from tasseling to dough stage. Use drop nozzle when crop is over 10 inches high.

**PASTURES:** To control many broadleaved weeds in pastures, meadows and rangelands, use 1 1/2 to 3 pints of Butyl Ester D6 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 rate recommended. For control of wild garlic and onion in pastures, apply 1 1/2 to 2 quarts in very early spring and repeat annually until these weeds are controlled. Do not graze treated areas by dairy animals for 7 days after treatment.

**WOODY PLANT CONTROL:** To control 2,4-D susceptible woody plants such as Willow, Alder, Buckbrush, Sumac and Elderberry in non-cropped or other waste areas, such as rights of way, roadsides and storage areas, use 1 to 2 quarts in 100 gallons of water. Wet thoroughly all parts of the plants, including foliage and stems, to the point of run-off.

BEST DOCUMENT AVAILABLE

Drainage

**GENERAL WEED CONTROL:** Along fence rows, ditchbanks, around farm buildings and similar waste areas, use 1-1/3 to 2 pints of Butyl Ester D6 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 40°F. and shake thoroughly before using.

GENERAL INFORMATION

Butyl Ester D6 is recommended for the selective control of weeds such as Bindweed, Barnyard, Buck, Goldenrod, Lambs-quarter, Mustard, Peppergrass, Pigweed, Ragweed, Shepherd's-purse, Thistle, Wild Carrot, Wild Morning-Glory, Wild Radish, and many other broadleaved weeds in crops.

**PREPARATION OF THE SPRAY:** Fill the spray tank with half the required amount of water, then add the recommended amount of Butyl Ester D6 with agitation and continue filling the spray tank. 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. This product also will mix readily with diesel oil, fuel oil, or kerosene.

**CAUTION:** Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Avoid spray drift to susceptible plants such as cotton, tomatoes, flowers, grapes, fruit trees and ornamentals. Spray drift may cause severe injury to both growing and dormant plants. Coarse sprays are less likely to drift. VAPORS from this product may injure 2, 4-D sensitive plants growing near the treated area.

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 will result.

DO NOT store near fertilizers, seed, insecticides, or fungicides.

This product is toxic to fish. Keep out of lakes, streams and ponds. Apply this product only as specified on this label.

Dispose of empty containers and spillage by burying away from water supplies.

This product is licensed under one or more of the following United States patents:

2,390,948 2,394,916 2,396,513 2,412,510 2,453,983 2,472,347 Re. 23,115

NET CONTENTS: One Gallon, Five Gallon  
5/2 Gallon.

MANUFACTURED BY: MASATCH CHEMICAL COMPANY  
2225 South 9th East  
SALT LAKE CITY, UTAH  
84106

12/29/66  
5-6-66

Resubmitted Oct. 27, 1967

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