

CO-OP
44% ESTER
WILKINSON

USE PRECAUTIONS

Prevent the drifting of spray to susceptible plants, as this product may injure cotton, peas, beans, ornamentals, etc. (Course sprays are less likely to drift.) Sprayers to be used for insecticides, for spraying useful plants, should be **THOROUGHLY WASHED WITH AMMONIA WATER** (1 ounce per gallon water) left to stand overnight, and **RINSED** several times to remove all traces of 2,4-D. Do not store near food, feed, seeds, insecticides or fungicides. Vapors from this product may injure susceptible plants in the immediate vicinity. Avoid contamination of water used for irrigation or domestic purposes.

Toxic to fish. Keep out of lakes, streams and ponds.

Rinse equipment and containers and dispose of wastes by burying in non-crop areas away from water supplies. Containers should be disposed of by punching holes in them and burying with wastes. Drums may be returned to manufacturer.

NOTE

If contents are exposed to sub-freezing temperatures, warm to at least 40 F., and mix thoroughly before using.

CAUTION

MAY CAUSE SKIN IRRITATION
HARMFUL IF SWALLOWED

Avoid Contact with Eyes, Skin and Clothing
Keep out of the reach of children.

U.S.D.A. REG. NO. 9123

44% ESTER

WILKINSON

FORM OF 2,4-D



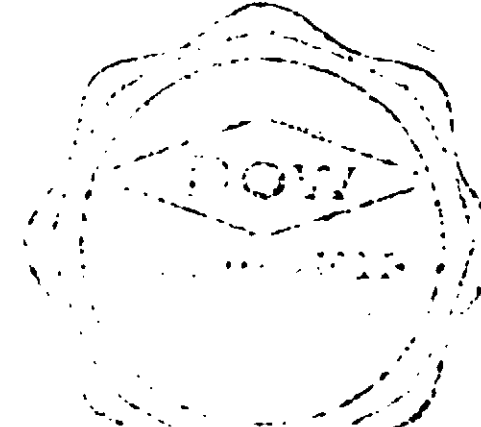
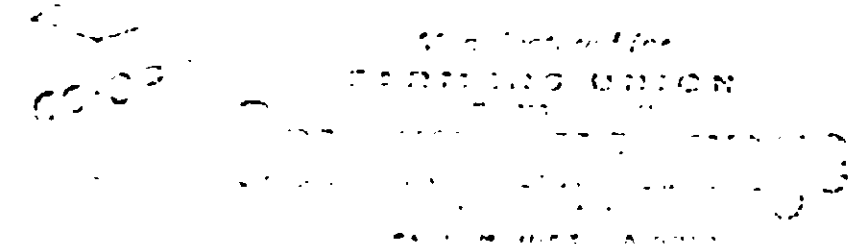
CONTAINING 3.90 POUNDS PER GALLON
OF THE ISOPROPYL ESTER OF 2,4-D
2,4-D ACID EQUIVALENT 3.84 POUNDS PER GALLON

The 2,4-D in this Product is
100% Active—Contains no Free Acid

Active Ingredients:	
Isopropyl Ester of	
2,4-Dichlorophenoxyacetic Acid.....	44%
2,4-Dichlorophenoxyacetic Acid Equivalent 37%	
Inert Ingredients.....	56%
TOTAL.....	100%

CAUTION

KEEP OUT OF REACH OF CHILDREN
See side panel for additional cautions



44% ESTER
WILKINSON

ACC-
3-30-
912-
UNITED STATES
FARM
TO AFFAIR

WOODY PLANT CONTROL IN GRASS PASTURES AND FENCE ROWS: Use 2 to 4 quarts of CO-OP 44% ESTER to 100 gallons water as a spray to the foliage, stems and trunks of susceptible plants, preferably in the spring after maximum foliage development. Alder, elderberry, cottonwood, rose, locust, sycamore, wild cherry and those listed above under PASTURES are susceptible. For more resistant species and stands of mixed brush which include berry bushes and wild rose, use a mixture of equal parts of CO-OP 44% ESTER and 2,4,5-T, at a rate of 2 to 4 quarts of the mixture per 100 gallons of water. Wet all foliage thoroughly.

The cut surfaces of stumps of trees and shrubs may be treated with a mixture (equal parts) of CO-OP 44% ESTER and 2,4,5-T, at a rate of 2 quarts in 2 gallons of diesel fuel, to prevent regrowth. Wet the entire surface thoroughly.

During the winter dormant season, the brush back portion of trees and brush, less than 6 inches in diameter, may be treated using 1 part of the mixture (equal parts of CO-OP 44% ESTER and 2,4,5-T) in 2 gallons of diesel fuel. Spray the entire leafy area at ground level, completely encircling the plant and wetting to the point of run-off. Cottonwood and willow may be controlled with CO-OP 44% ESTER.

Cameraman's Note
Poor Copy

STILLER

TO KILLER

A OF 2,4-D

POUNDS PER GALLON
COPYL ESTER OF 2,4-D
POUNDS PER GALLON

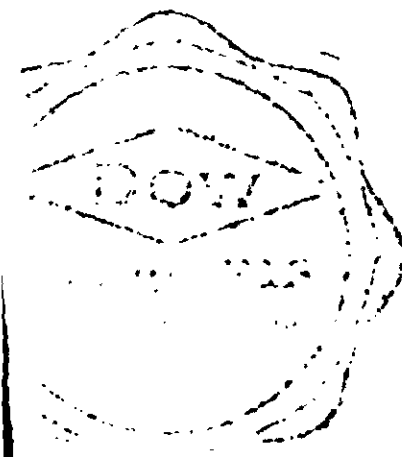
Acid

44%

37%

56%

100%



Cameraman's Note
Poor Copy

44%
ESTER

ACCEPTED
3-30-70
912-8
UNITED STATES DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.

WOODY PLANT CONTROL IN GRASS PASTURES AND FENCE ROWS: Use 2 to 4 quarts of CO-OP 44% ESTER to 100 gallons water as a spray to the foliage, stems and trunks of susceptible plants, preferably in the spring after maximum foliage development. Alder, elderberry, cottonwood, hazel, locust, sycamore, wild grape and those listed above under PASTURES are susceptible. For more resistant species and stands of mixed brush which include berry bushes and wild rose, use a mixture of equal parts of CO-OP 44% ESTER and 2,4,5-T, at the rate of 2 to 4 quart of the mixture per 100 gallons of water. Wet all foliage thoroughly.

The cut surfaces of stumps of trees and tall brush may be treated with the mixture (equal parts of CO-OP 44% ESTER and 2,4,5-T, at the rate of 1 pint in 2 gallons of diesel fuel, to prevent regrowth. Wet the entire surface thoroughly.

During the winter dormant season, the basal bark portion of trees and brush, less than 6 inches in diameter, may be treated by using 1 pint of the mixture (equal parts of CO-OP 44% ESTER and 2,4,5-T) in 2 gallons of diesel fuel. Spray the entire basal area at ground line, completely encircling the plant and wetting to the point of runoff. Cottonwood and willow may be controlled with CO-OP 44% ESTER.

add
pests
the
the
pastures

CO-OP 44% ESTER is a selective spray for control of weeds and susceptible species treated before or after the onset of growth. It is a selective spray for control of weeds and susceptible species treated before or after the onset of growth. It is a selective spray for control of weeds and susceptible species treated before or after the onset of growth.

DIRECTIONS

HOW TO USE: Mix with water for use in ground sprays and with diesel oil or water for airplane sprayers. Fill, regulate to 1/2 inch of water, and CO-OP 44% ESTER and dilute with water and mix thoroughly by stirring or directing the mixture through the spray pump and back into the tank. Agitate the mixture while spraying. If mixture is allowed to stand, re-agitate before use until a uniform emulsion is formed. If sprayer delivers 5 gallons spray per acre, add the recommended amount of CO-OP 44% ESTER per each 5 gallons water in the spray tank. Apply the spray evenly to reach the leaves of the weeds.

QUANTITY TO USE: Varies according to the weed problem and the tolerance of the crop; use between 1/2 pint and 2 quarts CO-OP 44% ESTER per acre.

WHEN TO USE: May be applied at any time when weeds are actively growing. Pre-emergence treatments will kill certain susceptible broadleaf weeds and certain grasses (labeled).

USES AND TYPICAL LIST OF WEEDS CONTROLLED

WHEAT, BARLEY, RYE: Treat wheat when the grain is in the early stage of growth (4 to 5 inches tall). Use 1/2 to 3/4 pint of CO-OP 44% ESTER per acre to control bluegrass, blue fescue, cocklebur, Frenchweed (labeled), foxtail (labeled), green foxtail, hairy vetch, morning glory, mustards, ragweed, Russian thistle, yellow foxtail, and sunflower. Apply double the volume of spray to control pigweed, wild radish, Canada thistle, sow thistle, leaf spurge, Russian knapweed, blackberry, white top, and corn poppy. Do not spray grain in "boot" or "beard" stage. This application may cause some damage to crop.

A pre-harvest application of 1/2 pint per acre may be made to remove certain tall weeds, as on alfalfa crop harvesting. Do not feed stock from this late application to livestock. Do not graze or harvest for forage until grain falls within 2 weeks after 2,4-D application.

CORN: Pre-emergence. Spray the soil surface 3 to 5 days after planting corn, but before emergence. Use 1 to 2 quarts of CO-OP 44% ESTER per acre.

COTTON: Pre-emergence. Spray the soil surface 3 to 5 days after planting cotton, but before emergence. Use 1 to 2 quarts of CO-OP 44% ESTER per acre.

PASTURES: Treat pastures with CO-OP 44% ESTER in early summer, early fall, or late fall. Use 1/2 to 3/4 pint of CO-OP 44% ESTER per acre to control bluegrass, blue fescue, cocklebur, Frenchweed (labeled), foxtail (labeled), green foxtail, hairy vetch, morning glory, mustards, ragweed, Russian thistle, yellow foxtail, and sunflower. Apply double the volume of spray to control pigweed, wild radish, Canada thistle, sow thistle, leaf spurge, Russian knapweed, blackberry, white top, and corn poppy. Do not spray grain in "boot" or "beard" stage. This application may cause some damage to crop.

SOYBEAN: Treat soybeans with CO-OP 44% ESTER in early summer, early fall, or late fall. Use 1/2 to 3/4 pint of CO-OP 44% ESTER per acre to control bluegrass, blue fescue, cocklebur, Frenchweed (labeled), foxtail (labeled), green foxtail, hairy vetch, morning glory, mustards, ragweed, Russian thistle, yellow foxtail, and sunflower. Apply double the volume of spray to control pigweed, wild radish, Canada thistle, sow thistle, leaf spurge, Russian knapweed, blackberry, white top, and corn poppy. Do not spray grain in "boot" or "beard" stage. This application may cause some damage to crop.

PASTURES AND GRAZING: Use CO-OP 44% ESTER in early summer, early fall, or late fall. Use 1/2 to 3/4 pint of CO-OP 44% ESTER per acre to control bluegrass, blue fescue, cocklebur, Frenchweed (labeled), foxtail (labeled), green foxtail, hairy vetch, morning glory, mustards, ragweed, Russian thistle, yellow foxtail, and sunflower. Apply double the volume of spray to control pigweed, wild radish, Canada thistle, sow thistle, leaf spurge, Russian knapweed, blackberry, white top, and corn poppy. Do not spray grain in "boot" or "beard" stage. This application may cause some damage to crop.

DO NOT SPRAY WHEN: Grass is from boot to milk stage.

DO NOT SPRAY WHEN: