

912-1

ACCEPTED

May 15 1941

SECTION OF
FEDERAL ACT
REGISTERED
SUBJECT
REMARKS AND COMMENTS.

CO-OP 40 WEED KILLER

This is the DIMETHYLAMINE formulation of 2,4-D designed for SELECTIVE killing of weeds in crops. It is also designed for killing weeds and brush in pastures, fence rows, roadsides, golf courses and lawns.

CO-OP 40 kills many broad-leaved weeds. Young, actively growing weeds are quickly killed.

CO-OP 40 mixes readily with water and stays in solution without further agitation. CO-OP 40 is non-corrosive to equipment.

DIRECTIONS

HOW TO USE: Mix with water. Fill sprayer tank 1/3 full of water, add CO-OP 40 and fill with water. If sprayer delivers 5 gallons spray per acre, add the recommended amount of CO-OP 40 per acre per each 5 gallons of water to be used. Apply the spray evenly, using low sprayer pressures (30 to 40 pounds) to reach the leaves of the weeds.

WHEN TO USE: Most effective kill of weeds results when weeds are actively growing (warm weather, good soil moisture). Young weeds may be killed with the lower rate. During dry or cold weather (poor growing conditions) follow maximum dosages, or use CO-OP 44% Ester.

USES AND PARTIAL LIST OF WEEDS CONTROLLED

LAWNS: For control of buckhorn, plantain, curled dock, dandelion and similar weeds in lawns, use 1 1/2 oz. CO-OP 40 in 1 gal. water to treat 1,000 sq. feet of lawn area. Respray as new weeds appear. One treatment per season usually does not injure white dutch clover.

Do not spray bentgrass lawns, St. Augustine grass and Dichondra. Possible injury may result to clover in turf. Use lower rates on new lawns, only after grass is past the 4 leaf stage.

PASTURES AND GRASS CROPS: Use 1 quart of CO-OP 40 per acre. Treat in early summer during period of good soil moisture, to control loco weed, gumweed, larkspur, buckbrush, sand sage, big sage, greasewood, willow, poison oak, poison ivy, dandelion, plantain, burdock, wild licorice, and similar species. Treat all the leaves of woody growth for satisfactory control. On newly seeded areas do not apply until at least 3 weeks after crop emergence. Do not apply when grass is in the boot to heading stage. Do not graze dairy animals within 7 days after treatment.

PERENNIAL WEED CONTROL IN NON-CROP LAND: To control field bindweed (creeping jenny) and white top (hoary cress or perennial peppergrass) apply CO-OP 40 to the soil at the rate of 5 gallons per acre, or 1/4 pint CO-OP 40 per square rod. Apply in late fall (after soil temperature is below 50° F.) or in early spring before growth starts. To control Canada thistle, sow thistle, leafy spurge and Russian knapweed apply CO-OP 40 to soil at rate of 10 gallons per acre, or 1/2 pt. per sq. rod. Treat in late fall or early spring during dormant period.

CORN: Postemergence 7 to 21 days after corn leaves unfold is the most desirable time for spraying to control cocklebur, morning glory, sunflowers and similar species. Use "drop nozzles" when corn is over 10 inches high. Use 1 pint CO-OP 40 per acre. For control of Canada and sow thistle and similar species apply 1 quart CO-OP 40 per acre when corn is tall enough to use "drop nozzles" to direct spray on weeds and keep it off growing point of corn.

At Lay-By Time: Apply 1 quart CO-OP 40 per acre, using drop nozzles to control late emerging weeds. Do not apply from tassling to dough stage.

WHEAT, OATS, BARLEY, RYE: Treat when the grain is in the "fully tillered" stage (4 to 12 inches tall). Use 1 pint of Co-op 40 per acre to control weeds such as bindweed, blue lettuce, cocklebur, Frenchweed (fanweed), Kochia (fireweed), lamb's quarters, marshelder, morning glory, mustards, ragweed, Russian thistle, sunflower, yellow rocket and similar species. Apply double the volume of spray to control perennial weeds such as Canada thistle, sow thistle, leafy spurge, Russian knapweed, and white top (hoary cress). This higher rate may cause some crop damage. Do not spray when grains in "boot" or "bloom" stages. Spray the regrowth of perennial weeds in the fall after the crop has been removed. Use 1 1/2 to 2 pints CO-OP 40 per acre. Do not graze or forage, treated grain fields within 2 weeks after 2,4-D application. (See end panel for more directions)

grain

Wild Buckwheat and Cow Cockle Control—Spray early—soon after grain crop has been out of the ground 3 weeks, and buckwheat is less than 4" tall. Use 1 1/2 pints CO-OP 40 in 10 gallons water per acre for best results.

FLAX: Treat as soon as enough weeds have emerged to make spraying practical. Use 1/3 pint CO-OP 40 in 10 gallons of water per acre to control susceptible weeds such as mustard. Use 1/2 pint for lamb's quarters, redroot, pigweed, fanweed, cocklebur, marshelder, ragweed, Russian thistle and similar species. Do not spray flax in "bud", "bloom" or early "boot" stages. On Crystal and Minerva varieties and well-developed flax over 6 inches tall use MCP instead of 2,4-D.

GRAIN SORGHUMS: Treat when 6 to 12" tall and secondary roots are well established. Apply 1 pt. CO-OP 40 per acre. If crop is over 10" tall use "drop nozzle" and rates to 2 pts. CO-OP 40 per acre, may be used where necessary to control cocklebur, Canada thistle and other hard-to-kill weeds.

LEGUMES: Ladino clover, alfalfa clover, red clover and espedera growing in small grain may be treated with CO-OP 40, 1/2 pt. per acre, to control oil susceptible weeds. Treat when small grain is in the tiller to boot stage and weeds and grain form a canopy over legumes.

**CO-OP
40
WEED KILLER**

FOR THE SELECTIVE CONTROL OF MANY BROADLEAF WEEDS IN CERTAIN CROPS AND NON-CROP AREAS

A 2,4-D AMINE SALT FORMULATION
2,4-D ACID EQUIVALENT 4.0 POUNDS PER GALLON
MIXES EASILY IN HARD OR SOFT WATER

Does not give off vapors to injure nearby susceptible crops. No plugged nozzles, does not settle out or cause foaming. Contains dimethylamine salts of 2,4-D for full range control of weeds

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|---|-------------|
| Active ingredients: | |
| Dimethylamine 2,4-Dichlorophenoxyacetate | 49.3% |
| 2,4-Dichlorophenoxyacetic Acid Equivalent | 40.9% |
| Inert Ingredients | 50.7% |
| TOTAL | 100% |

**CAUTION
KEEP OUT OF REACH OF CHILDREN**

See side panel for additional cautions.
U.S.D.A. Registration No. 912-1
PACKAGED BY **Farmers Union Central Exchange, Inc.**
SAINT PAUL, MINNESOTA
CONTENTS ONE QUART

SEE USE PRECAUTIONS ON SIDE PANEL

USE PRECAUTIONS

Prevent the drifting of spray to susceptible plants as this product may injure flowers, vegetables, grapes, fruit trees, cotton, peas, beans, ornamentals, etc. (Coarse sprays are less likely to drift). Sprayers to be used for spraying useful plants, should be THOROUGHLY WASHED WITH AMMONIA WATER (1 ounce per gal. of water) left to stand over night, and RINSED several times to remove all traces of 2,4-D. Do not store near fertilizers, seeds, insecticides or fungicides.

Do not contaminate waters used for domestic or irrigation purposes.

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

CAUTION

HARMFUL IF SWALLOWED
MATERIAL CAUSES IRRITATION OF SKIN AND EYES

Do Not Get in Eyes
Avoid Contact with Skin or Clothing

In case of contact with the material, flush eyes with plenty of water for at least 15 minutes and get medical attention; wash skin with soap

NOTE

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

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Printed in U.S.A.