

CO-OP 76-BE ESTER WEED KILLER CONCENTRATE

USE PRECAUTIONS

Do not apply CO-OP 76-BE directly to, or otherwise permit it to come in contact with vegetables, flowers, grapes, fruit trees, ornamentals, cotton or other desirable plants which are sensitive to 2,4-D and similar materials, and do not permit spray mist containing it to drift onto them, since even minute quantities of the spray may cause severe injury during both growing and dormant periods. (Coarse sprays are less likely to drift.) Accordingly, applications by airplane, ground rigs, and hand dispensers should be carried out only when there is no hazard from drift. Do not apply by airplane in the vicinity of cotton, grapes, or other desirable 2,4-D susceptible vegetation. Since vapors of the ester contained in CO-OP 76-BE may injure susceptible plants in the vicinity of application, use only where there is no hazard from such vaporization. Do not apply to newly seeded turf.

Most legumes are usually damaged or killed. Do not contaminate irrigation ditches or water used for domestic purposes. Excessive amounts of 2,4-dichlorophenoxyacetic acid in the soil may temporarily inhibit seed germination or plant growth. Do not store near fertilizers, seeds, insecticides, or fungicides.

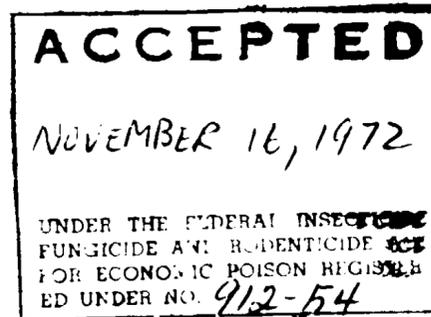
To avoid injury to desirable plants, do not store, handle or apply other agricultural chemicals with the same containers or equipment used for CO-OP 76-BE. Do not store near fertilizers, seeds, insecticides or fungicides.

This product is toxic to fish. Do not use where run-off is likely to occur. Keep out of lakes, streams and ponds. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

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.

CAUTION

**HARMFUL IF SWALLOWED
MAY CAUSE SKIN IRRITATION**
Avoid Contact with Eyes, Skin and Clothing
U.S. Patent No. 2,271,126
EPA Reg. No. 912-54



CO-OP 76-BE ESTER WEED KILLER CONCENTRATE

AN EMULSIFIABLE WEED KILLER CONTAINING
THE BUTYL ESTER OF 2,4-D
6 POUNDS PER GALLON 2,4-D ACID EQUIVALENT

Active Ingredients:
2,4-Dichlorophenoxyacetic Acid, Butyl Ester 79.2%
Inert Ingredients:..... 20.8%
2,4-Dichlorophenoxyacetic Acid Equivalent 63.2%

CAUTION
KEEP OUT OF REACH OF CHILDREN

See side panel for additional cautions



1 GALLON



Manufactured for
FARMERS UNION
Central Exchange
INCORPORATED
ST. PAUL, MINNESOTA 55165

CO-OP 76-BE ESTER WEED KILLER CONCENTRATE

DIRECTIONS

CO-OP 76-BE is recommended for the control of dandelion, docks, fanweed, goldenrod, lamb's quarters, mustards, pepper-grass, pigweed, plantains, ragweed, shepherd's purse, tarweed, thistles, vetch, wild carrot, wild morning-glory, wild radish and many other broad-leaved weeds, without injury to most grasses. Also for controlling certain woody perennials such as alder, coastal sage, sand sage, elderberry, hazel, locust, poison oak, sumac, wild grape and willow.

CO-OP 76-BE CONTAINS AN EMULSIFIER AND IS DESIGNED TO BE USED EITHER IN OIL SOLUTION OR EMULSIFIED IN WATER.

TO PREPARE A SPRAY: Add half the required amount of water or oil to the spray tank, then add the 76-BE with agitation, and finally the balance of the water or oil with continued agitation.

ATTENTION: If CO-OP 76-BE is to be used in straight oil mixtures, do not let water get into the CO-OP 76-BE itself nor into the finished mixture. **NOTE:** CO-OP 76-BE in water forms an emulsion — not a solution — which tends to separate on standing. Provide agitation to prevent such separation and ensure uniformity of spray mixture.

WEED CONTROL IN SMALL GRAINS: CO-OP 76-BE may be applied with airplane or ground equipment to selectively control broad-leaved weeds in wheat, rye, barley and oats. Use 1/5 to 3/5 pint per acre in oil or water. With oil formulations, for adequate safety to the crop, use as little as possible consistent with adequate coverage. One to two gallons of oil mixed spray per acre is usually adequate. Do not use as carrier aromatic or other oils that are highly toxic to plants. If water is used as a carrier, larger volumes of spray mixture may be used. In airplane application, swath width and other factors should be such as to provide uniform distribution of the spray. The lower rate is suggested only for very susceptible weeds such as young seedling mustard. The higher rate is for use in controlling less susceptible weeds such as thistles, particularly when growing under adverse conditions. A dosage of 2/5 pint per acre is average and can be used widely for average weed infestations. Spray when grain is in full tiller stage (4 to 8 inches tall). Injury may result if application is made before tillering or after the grain has reached boot stage. Oats are sometimes quite sensitive to 2,4-D during the period of growth from 6 to 12 inches. If possible, treat oats either before or after this stage. **Late or pre-harvest treatment to control large weeds:** Control may be effective under certain conditions such as adequate moisture and succulent weeds. Make application of 3/4 to 1 1/2 pints of CO-OP 76-BE per acre after milk to the hard dough stage. Do not forage or graze treated grain fields within two weeks after treatment. When late or pre-harvest treatment is used, do not feed treated straw to livestock. In general, 2,4-D Butyl ester formulations tend to cause more crop injury than 2,4-D amine formulations.

WEED CONTROL IN GRAIN SORGHUMS: Post-emergence — Use 1/3 to 1/2 pint per acre in the amount of water necessary for even distribution. Treat when 6 to 12 inches tall and secondary roots are well established. Use drop nozzles when crop is over 10" tall.

WOODY PLANT CONTROL IN GRASS PASTURES, FENCE ROWS AND SIMILAR AREAS NOT IN SUSCEPTIBLE CROPS: CO-OP 76-BE controls 2,4-D susceptible species such as those listed above. For more resistant species and for general control of mixed brush, use CO-OP BRUSH KILLER or CO-OP 245. Spray young brush up to 6 or 8 feet tall with a mixture of 2 to 3 quarts of CO-OP 76-BE in 100 gallons water, wetting leaves, stems and trunks thoroughly. Best results will usually be obtained from applications made soon after maximum foliage development in the spring. With good growing conditions, applications may be made up to 2 or 3 weeks before normal frost date. Do not graze treated areas with lactating dairy animals within 7 days after application. Possible injury may occur to bentgrass and St. Augustine grass.

SEE USE PRECAUTIONS ON SIDE PANEL

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THE BUTYL ESTER OF 2,4-D
PER GALLON 2,4-D ACID EQUIVALENT

Acid, Butyl Ester79.2%
.....20.8%
Acid Equivalent 63.2%



1 GALLON

KEEP FROM CHILDREN

Directions

Manufactured for

THE UNION

Exchange

INCORPORATED

MINNESOTA 55115