

# CO-OP BUTYL 400

## A 2,4-D WEED KILLER

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BUTYL 400**  
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### USE PRECAUTIONS

Do not apply BUTYL 400 directly to, or otherwise permit it to come into contact with vegetables, flowers, fruit trees, ornamentals, cotton or other desirable plants which are sensitive to 2,4-D and its formulations, and do not permit spray mists containing it to drift onto them, since even minute quantities of the spray may cause severe injury during both growing and dormant periods. Accordingly, applications by airplane, ground rigs or hand dispensers should be carried out only when there is no hazard from such drift. Do not apply by airplane in the vicinity of cotton, grapes or other desirable 2,4-D susceptible vegetation. Vapors from this product may injure susceptible plants growing nearby. Excessive amounts of BUTYL 400 in the soil may temporarily inhibit seed germination or plant growth. Do not contaminate irrigation ditches or water used for domestic purposes. To avoid injury to desirable plants, do not store, handle or apply other agricultural chemicals with the same containers or equipment used for BUTYL 400. Do not store near fertilizers, seeds, insecticides or fungicides.

Local conditions affect the use of herbicides. State agricultural experimental station or extension service weed specialists in many states issue recommendations to fit local conditions. Be sure the use of this product conforms to all applicable regulations.

This product is toxic to fish. Keep out of any body of water. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Do not reuse container. Destroy by crushing and burying in non-cropland away from water supplies.

### CAUTION

KEEP OUT OF REACH OF CHILDREN

MAY BE HARMFUL  
IF SWALLOWED

MAY CAUSE SKIN IRRITATION

Avoid Contact with Eyes,  
Skin and Clothing

U. S. Patent No. 2,721,126

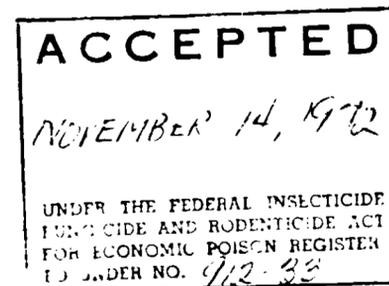
FOR CONTROLLING MOST KINDS OF BROAD-LEAVED WEEDS ON FARMS  
CONTAINS 5 POUNDS PER GALLON OF BUTYL ESTERS OF 2,4-D  
2,4-D ACID EQUIVALENT 4 POUNDS PER GALLON

Active Ingredient: 2,4-Dichlorophenoxyacetic Acid, Butyl Esters .....	58.6%
2,4-Dichlorophenoxyacetic Acid Equivalent: 46.8%	
Inert Ingredients.....	41.4%
	100.0%

### CAUTION

KEEP OUT OF REACH OF CHILDREN

See side panel for additional cautions



EPA Reg. No. 912-33



1 GALLON



Manufactured for  
Farmers Union Central Exchange, Inc.  
St. Paul, Minnesota 55165

### USE DIRECTIONS

Use BUTYL 400 for controlling bitterweed, croton weed, dandelion, docks, ground ivy, heal-all, henbit, kochia, lamb's-quarters, loco weed, mallow, marsh elder, mustards, nettles, pennywort, peppergrass, pigweed, plantains, puncture vine, ragweed, shepherd's-purse, tarweed, thistles, vetch, wild carrot, wild garlic, wild morning-glory, wild onion, wild radish, sand sage, buckbrush, bindweed and Texas blue weed.

**GENERAL DIRECTIONS.** Apply BUTYL 400 during warm weather when weeds are well leafed out and growing actively. Mix with the amount of water needed for good coverage, and spray at low pressures (30 to 50 pounds) to give a coarse spray which is less likely to drift. For young, easy-to-kill annual weeds such as wild mustard, the lower dosages given below may be used. For more resistant weeds, or where weeds are growing under unfavorable conditions, particularly in dry soil, use the higher dosages. Repeat treatments may be needed for very resistant weeds, especially those with creeping root systems.

**MIXING SPRAYS:** BUTYL 400 makes an emulsion with water which may separate on standing, so use by-pass in the spray tank while mixing sprays and as long as any mixed spray is left in the tank. In mixing sprays, add half the water to the tank first, then the BUTYL 400, and finally the rest of the water. NOTE: If BUTYL 400 is to be used in straight oil sprays, do not let water get into the BUTYL 400 nor into the finished sprays.

**WEED CONTROL IN NON-CROP AREAS:** In areas, such as fence rows, drainage ditchbanks and farmyards, use 1½ to 2 quarts of BUTYL 400 in 100 gallons of water (2 to 3 teaspoonfuls per gallon). Wet all foliage thoroughly.

**ESTABLISHED GRASS PASTURE AND RANGE GRASSES:** For many weeds such as mustard, pigweed, dandelion, bitterweed, burdock and dogfennel, use 1½ to 2½ pints of BUTYL 400 per acre. Apply in the amount of water needed for good coverage. For wild onion and wild garlic use 2 quarts per acre making 3 applications (fall-spring-fall or spring-fall-spring) in very late fall and early spring. NOTE: Most legumes will usually be damaged or killed. To avoid damage to grasses, do not apply to creeping grasses, such as bent grass, nor to freshly seeded lawns or pastures until grass is well started. Do not graze treated areas with lactating dairy animals within 7 days after treatment.

**WEED CONTROL IN SMALL GRAIN NOT UNDERSEEDED WITH A LEGUME:** Note Carefully Do not permit dairy animals or meat animals being finished for slaughter to forage or graze treated grain fields within 2 weeks after treatment.

**Spring Wheat and Barley:** Use ½ to 1 pint of BUTYL 400 per acre. Apply when grain is in full tiller stage (6 to 8 inches tall). Do not apply during early seeding stage, or after beginning of the boot (shotblade) stage.

**Winter Wheat and Rye:** Use ½ to 1 pint of BUTYL 400 per acre, and apply from the tillered to jointing stage of growth.

**CORN: Postemergence—**After corn is 6 to 8 inches tall, use drop nozzles to keep spray off foliage. Apply BUTYL 400 as soon as possible after most of the weeds are up. Use 3/8 to 1 2 pint per acre, in the amount of water needed for good coverage.

**GRAIN SORGHUM: Postemergence—**Use ½ to 1 pint per acre in the amount of water necessary for even distribution, when the sorghum is 6 to 12 inches tall, and secondary roots are well established. Use drop nozzles when sorghum is 10 to more inches tall.

SEE USE PRECAUTIONS ON SIDE PANEL

Label Code No. 33