

**PRECAUTIONS IN USE**

Do not apply BUTYL-4E 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 mists 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, application 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 esters contained in BUTYL-4E may injure susceptible plants in the vicinity of application, use only where there is no hazard from such vaporization. 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.

To avoid injury to desirable plants, do not store, handle or apply other agricultural chemicals with the same containers or equipment used for BUTYL-4E. Do not store near fertilizers, seeds, insecticides or fungicides.

Be sure that use of this product conforms to all applicable regulations.

Local conditions may affect the use of herbicides. State agricultural experiment station or extension weed specialists in many states issue recommendations to fit local conditions.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

**CONTAINER DISPOSAL**

Do not reuse empty container. Destroy by perforating or crushing, and burying in a safe place away from water supplies. Large drums should be returned to drum reconditioner.

**NOTICE**

Seller's guarantee shall be limited to the terms of the label, and subject thereto the buyer assumes all risk to persons or property arising out of use or handling and accepts the product on these conditions.

**AIDEX**

**BUTYL-4E**

**WEED KILLER**

**FOR THE CONTROL OF MANY BROADLEAVED WEEDS  
SUSCEPTIBLE TO 2,4-D**

**Contains 4 Pounds per Gallon 2,4-D Acid Equivalent**

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

**WEED LIST**

BUTYL-4E Weed Killer is Recommended for Controlling:  
bitterweed marsh-elder thistles  
broomweed mustards vetch  
croton weed nettles wild carrot  
dandelion pennywort wild garlic  
docks pepperglass wild morning-glory  
ground ivy pigweed wild onion  
heel-all henbit plantains wild radish  
kochia puncture vine sand sage  
lamb's-quarters ragweed buckbrush  
locoweed shepherd's purse bindweed  
mallow tarweed Texas blue weed

BUTYL-4E CONTAINS AN EMULSIFIER AND IS DESIGNED TO BE USED EITHER IN OIL SOLUTION OR EMULSIFIED IN WATER

**CAUTION**

**KEEP OUT OF REACH OF CHILDREN**

See other panel for additional cautions.

**MAY CAUSE SKIN IRRITATION • HARMFUL IF SWALLOWED**  
**Avoid Contact with Eyes, Skin and Clothing**

**DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME**

**DIRECTIONS FOR USE**

**GENERAL DIRECTIONS:** Apply BUTYL-4E 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 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-4E 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-4E and finally the rest of the water. NOTE: If BUTYL-4E is to be used in straight oil sprays, do not let water get into the BUTYL-4E nor into the finished sprays.

**WEED CONTROL IN NON-CROP AREAS:** In areas, such as fence rows, drainage ditch banks and farmyards, use 1½ to 2 quarts of BUTYL-4E in 100 gallons of water (2 to 3 teaspoonfuls per gallon). Wet all foliage thoroughly.

**ESTABLISHED LAWNS, GRASS PASTURE AND RANGE GRASSES:** For many weeds such as mustard, pigweed, dandelion, bitterweed, burdock and dogfennel, use 1½ to 2½ pints of BUTYL-4E 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 graze or feed forage from treated fields within 2 weeks after treatment.

**Spring Wheat and Barley:** Use ½ to ¾ pint of BUTYL-4E 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 (shortblade) stage.

**Winter Wheat and Rye:** Use ½ to 1 pint of BUTYL-4E per acre, and apply from the tillered to jointing stage of growth.

**Oats:** Use ½ pint of BUTYL-4E per acre, and apply during the full tillered to boot stage (4 to 8 inches tall).

**Corn:** Pre-emergence -- Treat planted land 2 to 5 days after planting, but before corn is up, using 1 to 2 quarts BUTYL-4E in 10 to 20 gallons of water. Do not treat very light, sandy soil. Postemergence -- After corn is 6 to 8 inches tall, use drop nozzles to keep spray off foliage. Apply BUTYL-4E 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. Do not apply from tasseling to dough stage.

**Grain Sorghum:** Postemergence -- Use 1/2 to 3/4 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 or more inches tall.

(12/17/75)2C

5 GALLONS

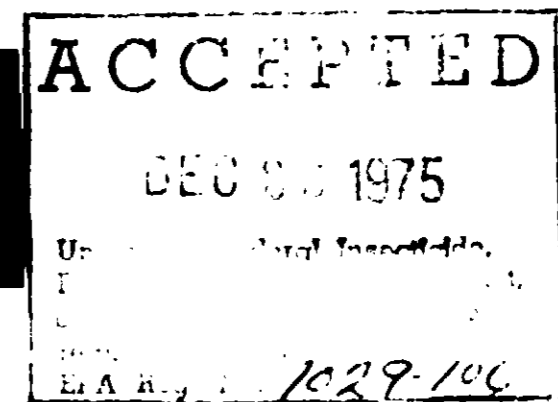
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OMAHA, NEBRASKA

EPA  
Reg. No.  
1029-106





# AIDEX BUTYL-4E

## WEED KILLER

FOR THE CONTROL OF MANY BROADLEAVED WEEDS  
SUSCEPTIBLE TO 2,4-D

Contains 4 Pounds per Gallon 2,4-D Acid Equivalent

Active ingredient: 2,4-Dichlorophenoxyacetic Acid, equivalent 58.34%  
Inert ingredient 41.66%  
2,4-Dichlorophenoxyacetic Acid, equivalent 40.7%

### WEED LIST

BUTYL-4E Weed Killer is recommended for controlling:

bitterweed	rough water	trifolium
broomrape	ruschardia	wild carrot
croton weed	ryegrass	wild radish
dryshrub	perennial	wild morning glory
dogwood	poppygrass	wild onion
groundnut	rigid	wild radish
hemp	plantain	wild radish
hogweed	purple top	wild radish
locoweed	ragweed	wild radish
matricaria	shepherd's purse	wild radish
	tarweed	wild radish
	tarweed	wild radish

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### CAUTION

KEEP OUT OF REACH OF CHILDREN

See other panel for additional cautions

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### DIRECTIONS FOR USE

Apply BUTYL-4E in the amount of 1/4 to 1/2 pint per acre with water when weeds are well established and will give a spray with the amount of water needed for good coverage and spray at low pressures. Use 1/2 pint per acre to give a coarse spray which is less likely to drift. For very heavy weeds, such as wild radish, the lower dosage may be used. Do not apply to pastures, or where weeds are growing under stress, or to the soil, particularly in dairy lands, or to other crops. Repeat treatment may be needed for very resistant weeds, especially those with creeping root systems.

MIXING SPRAY: Mix BUTYL-4E in a tank with water which may separate on standing. Do not stop in the spray tank while making spray, and as long as any mixed spray is left in the tank, or making spray, add half the water to the tank first, then the BUTYL-4E, and finally the rest of the water. NOTE: If BUTYL-4E is to be used in straight sprays, do not let water get into the BUTYL-4E nor into the finished spray.

WEED CONTROL IN SMALL GRAIN AND RANGE PASTURES: For many weeds such as mustard, pigweed, dandelion, bitterweed, burdock and dogbane, use 1 to 2 pints of BUTYL-4E per acre. Apply in the amount of water needed for good coverage. For wild onion and wild radish, use 2 quarts per acre making 2 applications (fall-spring fall or spring-fall) during very late fall and early spring. NOTE: Most pastures 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 UNDER SEEDING WITH A LEGUME: (Note: Do not graze or feed forage from treated fields within 2 weeks after treatment.)  
Spring Wheat and Barley: Use 1 to 3/4 pint of BUTYL-4E 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 (short-bladed) stage.  
Winter Wheat and Rye: Use 1 to 1 pint of BUTYL-4E per acre, and apply from the tillered to jointing stage of growth.  
Oats: Use 1/2 pint of BUTYL-4E per acre, and apply during the full tillered to boot stage (4 to 8 inches tall).  
Corn: Pre-emergence: Treat planted land 2 to 5 days after planting, but before corn is up, using 1 to 2 quarts BUTYL-4E in 10 to 15 gallons of water. Do not treat very light, sandy soil. Post-emergence: After corn is 6 to 8 inches tall, use drop nozzles to keep spray off foliage. Apply BUTYL-4E as soon as possible after most of the weeds are up. Use 2/3 to 1 pint per acre, in the amount of water needed for good coverage. Do not apply from tasseling to dough stage.

Grain Sorghum: Pre-emergence: Use 1 to 1/4 pint per acre in the amount of water necessary for even distribution when the sorghum is 2 to 3 inches tall, and secondary nozzles are well established. Use drop nozzles when sorghum is 10 or more inches tall.



MADE IN INDIA

LOT

LOT

