

**READ ENTIRE LABEL
BEFORE USING THIS PRODUCT
USE ONLY AS DIRECTED**

GENERAL INFORMATION

BP LO-VOL 4D is a selective herbicide recommended for the control of many broadleaved weeds in crops, along fence rows, around farm buildings and similar areas. The following is a partial list of some of the weeds controlled by BP LO-VOL 4D:

Beggaricks	Goldenrod	Sage, coastal
Bindweed	Halimolol	Sagebrush, big
Blindweed	Hemp, wild	Sagebrush, sand
Blindweed, Texas	Jewelweed	Salsify
Broomweed	Jimsonweed	Sand shinnery oak
Buckbrush	Knottweed	Shepherdspurse
Buckwheat, wild	Kochia	Sicklepod
Burdock	Lambquarters	Smartweed
Burhead	Loco, bigbend	Sneezeweed, bitter
Cargelweed	Mallow, Venice	Sowthistle, annual
Carrot, wild	Manzanita	Spanishneedles
Catnip	Marshelder	Sumac
Chamise	Milkvetch	Sunflower
Chicory	Morningglory, annual	Sweetclover
Cocklebur	Mustards	Tansymustard
Coleseed	Nettles	Tansyragwort
Cornflower	Onion, wild	Thistles
Coyotebrush	Pernycress	Tumbleweed
Croton	Poppaweed, field	Velvetleaf
Dandelion	Pigeon	Vervains
Docks	Plantains	Vetch
Dogfennel	Podjoe	Water plantain
Elderberry	Rabbitbrush	Willow
Fansweed	Ratfish, wild	Witchweed
Galinsoga	Ragweed	Wormwood
Garlic, wild	Rape, wild	Yellow rocket
Goatsbeard	Radiatum	Yellow starthistle

This product can also be used to control 2,4-D susceptible woody plants such as alder, buckbrush, elderberry, sumac and willow.

NOTE: Local conditions, crop varieties and application regulations vary and may affect use of this herbicide. Consult local agricultural experiment station or extension service weed specialists and state regulatory agencies for recommendations in your area.

Aerial application may be of use for control of weeds on certain crops but only where there would be no danger of drift to other crops or areas. Applications should only be made by applicators experienced in the use of 2,4-D formulations. Regulations governing aerial application of herbicides are in effect in many states. Consult local regulatory agencies concerning requirements before making applications.

When stored at temperatures below freezing, it may be necessary to warm contents to 45°F and mix thoroughly before using.

DIRECTIONS FOR USE

TIME OF APPLICATION: Best results are obtained when BP LO-VOL 4D is used on young weeds that are actively growing. Applications of lower rates to susceptible annual weeds usually will be satisfactory, but for perennial weeds and other conditions, such as in very dry areas where kill is difficult, use higher rates. When used as a selective spray on crops, the stage of growth of the crop must be considered. Some woody plants and weeds are hard to kill and repeat applications may be necessary.

PREPARATION OF THE SPRAY: Fill the spray tank with half the required amount of water, then add the recommended amount of BP LO-VOL 4D and continue filling the spray tank with balance of water. Keep agitator running when filling spray tank and during spray operations. The amount of water required for low-volume applications may vary from 5 to 25 gallons per acre. For high-volume applications, 100 gallons or more of water will be needed for good coverage. In any case, use the same amount of 2,4-D recommended per acre.

TREATING SMALL AREAS: One tablespoonful of BP LO-VOL 4D in 1½ gallons of water is about equal to 1 quart in 100 gallons.

SMALL GRAINS (Wheat, Barley, Rye): Apply BP LO-VOL 4D in sufficient water for uniform coverage on small grains when fully tillered or stoolled (4 to 8 inches tall), but before head emerges from the "boot." Crop injury may result if applied earlier than "tiller" or later than "boot" stage. DO NOT use on grain under-sown with legumes, such as alfalfa or clovers, except where some legume injury can be tolerated. DO NOT graze or feed forage from treated fields within 2 weeks after treatment. See chart for recommended rates.

For late season use to control large succulent weeds, apply 1 to 2 pints per acre in sufficient water for uniform coverage on small grain from dough stage to harvest—use only when weeds threaten to interfere with harvest operations. DO NOT use treated straw for livestock feed.

CORN PREEMERGENCE: Use BP LO-VOL 4D in sufficient water for uniform coverage. Best results obtained when applied 3 to 5 days after planting, but before corn emerges. DO NOT apply to light, sandy soils. **POSTEMERGENCE:** Apply BP LO-VOL 4D from emergence to tasseling. When spraying corn above 10 inches in height, use nozzle extensions ("corn drops"), directing the spray at base of the corn plant. DO NOT apply



Weed Killer BP LO-VOL 4D

Contains 4.0 Pounds of 2,4-D Acid Equivalent Per Gallon

ACTIVE INGREDIENT:	
2,4-Dichlorophenoxyacetic Acid, Butoxy Propyl Esters*	72.8%
INERT INGREDIENTS:	27.2%
TOTAL	100.0%

*Equivalent to 2,4-Dichlorophenoxyacetic Acid 44.9%

from tasseling to dough stage. Avoid cultivation soon after treatment when corn may be brittle. Hybrids vary in tolerance to 2,4-D. Consult local agricultural experiment station or extension service weed specialists regarding the use of 2,4-D on your specific hybrid. See chart for recommended rates.

SORGHUM: Apply BP LO-VOL 4D when sorghum plants are 6 to 12 inches tall and secondary roots are well established. Use drop nozzles when crop is over 10 inches tall. DO NOT apply from flowering to dough stage. See chart for recommended rates.

Amount of BP LO-VOL 4D per Acre

Crop (See Detailed Directions above)	For Average Conditions	For Dry Conditions as in Western States*
Wheat, Barley, Rye	1/2 to 1 pint	1 to 2 pints
Annual Weeds	1 pint	1 1/2 to 2 pints
Perennial Weeds		
Corn		
Preemergence	1 to 2 pints	
Postemergence	1/2 pint	1/2 to 3/4 pint
Sorghum		
Preemergence	1/2 pint	1/2 to 3/4 pint
Postemergence	1/2 pint	1/2 to 3/4 pint

*Arizona, California, Idaho, Montana, Nevada, Oregon, Utah, Washington and Wyoming.

PASTURES: To control many broadleaved weeds in pastures, meadows and rangelands, use 2 pints per acre of BP LO-VOL 4D in sufficient water to provide for uniform application. Treat pastures when weeds are growing actively. DO NOT apply to newly-seeded pastures until grass is well established or after heading begins. DO NOT apply when grass is in "boot" to "milk" stage. Most legumes are usually injured or killed at the rates recommended. For control of wild garlic and wild onion in pastures, apply 2 to 3 quarts per acre in very early spring and late fall and repeat annually until weeds are eradicated. DO NOT graze animals on treated areas within 7 days after treatment.

WOODY PLANT CONTROL: To control 2,4-D susceptible woody plants such as alder, buckbrush, elderberry, sumac and willow on non-crop land and waste areas, use 2 to 3 quarts of BP LO-VOL 4D in 100 gallons of water. Wet thoroughly all parts of the plants, including foliage and stems, to the point of run-off. Higher volumes are necessary where the brush is very dense and over 6 to 8 feet high. Applications are more effective when applied to actively-growing plants. DO NOT treat during periods of severe drought or in early fall when leaves have lost their healthy green color. Hard-to-kill species may need retreatment the following season.

GENERAL BROADLEAF WEED CONTROL: Along fence rows, drainage ditchbanks, roadsides, industrial sites, around farm buildings and similar areas, use 1 to 2 quarts of BP LO-VOL 4D in 100 gallons of water per acre. Thoroughly wet all foliage to run-off.

CAUTION

Harmful if swallowed.

May cause irritation.

Avoid contact with eyes, skin and clothing. If contact with eye occurs, flush with plenty of water.

DO NOT store near fertilizers, seeds, insecticides or fungicides. DO NOT contaminate irrigation ditches or water used for domestic purposes.

Use care to avoid spray drift to 2,4-D susceptible plants such as cotton, tomatoes, flowers, grapes, fruit trees and ornamentals. Trace amounts of spray drift may cause severe injury to both growing and dormant plants. Coarse sprays are less likely to drift. Spray only on calm days using low pressure and lowered boom. Although this ester is much less volatile than butyl or isopropyl esters, high temperatures may produce vapors after application which might injure 2,4-D sensitive plants in the vicinity. DO NOT use in greenhouses. Excessive amounts of this herbicide in the soil may temporarily inhibit seed germination or plant growth.

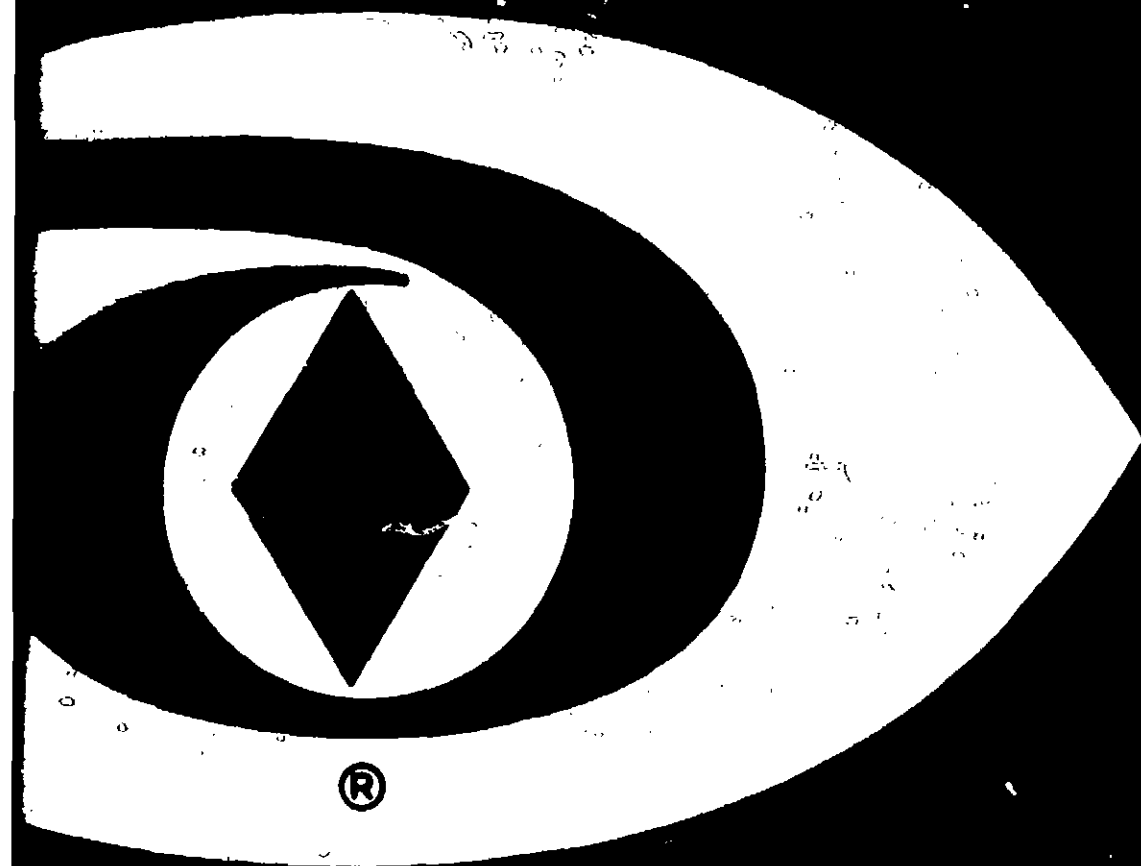
This product is toxic to fish. Keep out of lakes, streams, or ponds. DO NOT contaminate water by cleaning of equipment, or disposal of wastes.

Flush sprayer out on suitable non-crop area after use. DO NOT use the same spray equipment for applying other materials to plants as injury will result.

DO NOT reuse empty container. Return to drum reconditioner, or destroy by perforating, crushing and burying or discarding in a safe place away from waste supplies or follow official local recommendations for container disposal.

WARRANTY AND LIMITATION OF DAMAGES

SELLER warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and BUYER assumes the risk of any use contrary to such directions. SELLER makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of SELLER is authorized to do so except in writing with a specific reference to this warranty. In no event shall SELLER's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.



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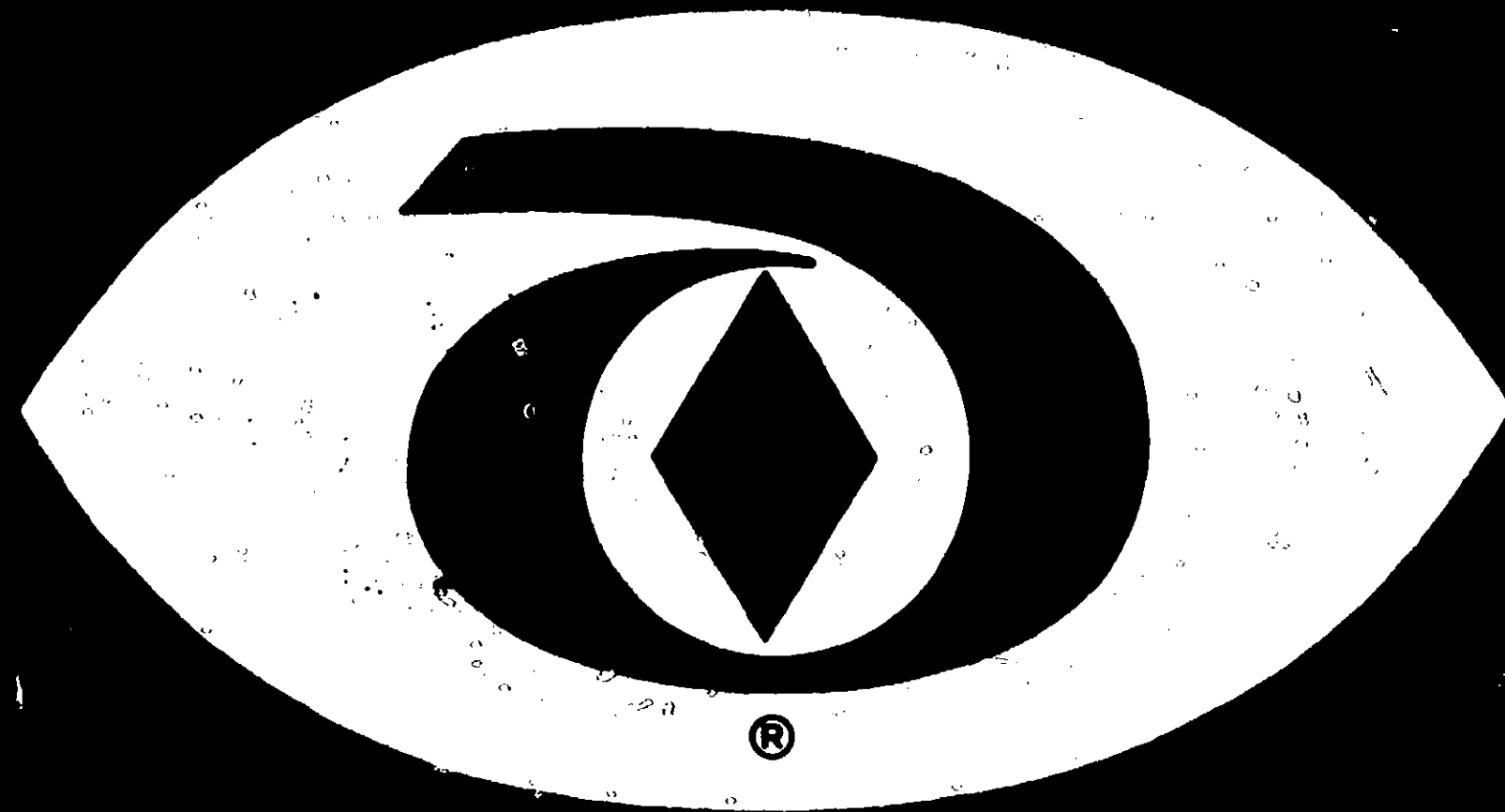
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26, 1974

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