

Precautionary Statements
Hazards to Humans and Domestic Animals
Caution

Avoid contact with skin, eyes or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

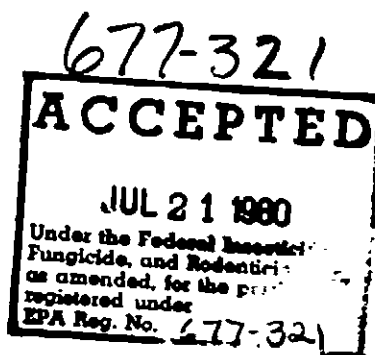
Environmental Hazards

Do not contaminate irrigation ditches or water used for domestic purposes. This product is toxic to fish and other aquatic life. Do not apply to or near crops, plants, or animals. Do not permit spray mist containing BP Vol 4D to drift onto them, since even very small quantities of the spray, which may not be visible, can cause severe injury during both growing and dormant periods. Do not spray when the wind is blowing toward susceptible crops or ornamental plants. Use low pressure sprays to minimize drift. With ground application, spray drift can be lessened by keeping the spray boom as low as possible, by applying 20 gallons or more of spray per acre, by using no more than 20 pounds spraying pressure with flat fan or flooding flat nozzle tips, by spraying when wind velocity is low, by stopping all spraying when wind exceeds 6 to 8 miles per hour. Do not apply with hollow cone-type nozzles or other nozzles that produce a fine mist spray. With aircraft application, drift can be lessened by applying not less than 5 gallons of spray per acre, by using no more than 20 pounds spray pressure at the nozzles, by using nozzles which produce a coarse spray pattern, and by spraying only when the wind velocity is less than 5 miles per hour. Although this product is much less volatile than butyl dimethyl esters, at high temperatures (above 95 F) vapors from this product may injure susceptible plants growing nearby. Do not use in a greenhouse. Flush spray equipment on suitable non-crop area after use. Do not use the same spray equipment for applying other chemicals to 2,4-D susceptible crops as injury may result.

Net Contents Gallons /Liters



Diamond Shamrock



BP Vol 4D

Weed Killer

Active Ingredient: 2,4-Dichlorophenoxyacetic Acid, Butoxy Propyl Esters* 66.0%
Inert Ingredients: 34.0%
Total: 100.0%

*2,4-Dichlorophenoxyacetic Acid Equivalent 43.4%, 3.8 lbs/gal.
*Isomer specific by AOAC Method No. 6 D01-5

Keep Out Of Reach Of Children

CAUTION

See side panel for additional precautionary statements

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Diamond Shamrock Corporation
Agricultural Chemicals Division
Cleveland, Ohio 44114

EPA Reg. No. 677-321-AA

BP Lo-Vol 4D

Read entire label before using this product

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 weeds controlled by BP Lo-Vol 4D:

Beggarticks	Goldenrod	Sage, coastal
Burdock	Halogeton	Sagebrush, big
Butterweed	Hemp, wild	Sagebrush, sand
Blueweed, Texas	Jewweed	Salsify
Broomweed	Jimsonweed	Sand shinnery oak
Buckbrush	Knotted	Shepherdspurse
Buckwheel, wild	Kochia	Sicklepod
Burdock	Lambsquarters	Smartweed
Burhead	Loco, bighead	Sneezeweed, bitter
Carpetweed	Mallow, Venice	Southwistle, annual
Carrot, wild	Manzanita	Spanishneedles
Catnip	Marshelder	Sumac
Chenop	Milkweed	Sunflower
Chicory	Morningglory, annual	Sweetclover
Cocklebur	Mustards	Tansymustard
Collinsweed	Nettles	Tansyragwort
Cornflower	Onion, wild	Thistles
Coyoteflush	Pennycress	Tumbleweed
Croton	Pepperweed, field	Velvetleaf
Dandelion	Pigweed	Vervains
Docks	Plantains	Vetch
Dogfennel	Poorjoe	Water plantain
Elderberry	Rabbitbrush	Willow
Fanweed	Radish, wild	Witchweed
Gainesoga	Ragweed	Wormwood
Garlic, wild	Rape, wild	Yellow rocket
Goatsbeard	Redstem	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 where there would be no danger of drift to susceptible crops. 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

Treating Small Areas: One tablespoonful of BP Lo-Vol 4D in 1 1/2 gallons of water is about equal to 1 quart in 100 gallons

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

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

Time of Application: Best results are obtained when BP Lo-Vol 4D is used on young weeds that are actively growing. Application of lower recommended 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 recommended 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

Operation 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. Use enough spray volume for uniform coverage by ground or air application. In any case, use the same amount of 2,4-D recommended per acre. For crop uses, Do not mix with oil, atrazine, surfactant or other adjuvants unless specifically recommended on this label as this may reduce selectivity to crops resulting in crop damage

Small Grains (Wheat, Barley, Rye): Apply BP Lo-Vol 4D in sufficient water for uniform coverage on small grains when fully tillered or stooled (4 to 8 inches tall), but before the "boot" stage. Crop injury may result if applied earlier than "tiller" or from early "boot" through the "milk" stage. Do not use on grain undersown 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 are 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 to keep the spray off the leaves as much as possible. Do not apply from tassel emergence to dough stage. Crop injury is more likely to occur if corn is growing rapidly under high temperature and high soil moisture conditions. Under such conditions, use the lowest recommended rate. Delay cultivation for 8 to 10 days after application to reduce stalk breakage resulting from temporary brittleness caused by 2,4-D. Hybrids vary in tolerance to 2,4-D. Consult local agriculture 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		
Annual Weeds	1/2 to 1 pint	1 to 2 pints
Perennial Weeds	1 pint	1 1/2 to 2 pints
Corn**		
Preemergence	1 to 2 pints	
Postemergence	1/2 pint	1/2 to 3/4 pint
Sorghum**		
Postemergence	1/2 pint	1/2 to 3/4 pint

*Arizona, California, Idaho, Montana, Nevada, Oregon, Utah, Washington and Wyoming
**If only rows or bands are treated, leaving middles unsprayed, reduce dosage rate per crop acre proportionate to the ground area actually sprayed

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 if grass seed production is desired. 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

Storage and Disposal

Storage - Do not contaminate water, food or feed by storage or disposal. Do not store near fertilizers, seeds, insecticides or fungicides

Disposal - Do not reuse empty container. Pesticide, spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Triple rinse (or equivalent) container and offer for disposal in approved landfill or bury in a safe place

Open dumping is prohibited. Consult federal, state or local disposal authorities for approved alternative procedures

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 to which a claim is made

Read entire label before using this product.

BP Lo-Vol 4D

BP Lo-Vol 4D is a low volatility, low sulfur diesel engine oil that meets the requirements of the American Petroleum Institute (API) for use in diesel engines. It is formulated with a high quality base oil and a high performance additive package to provide excellent protection against wear, oxidation, and corrosion. BP Lo-Vol 4D is available in 15W-40 and 15W-50 grades.

[illegible]

This product should be used only on plants such as figs, guavas, mangoes, etc.

Note: Local conditions and variables may affect the results of the study and may affect use of this form. Do not use this form if the regulatory status of the substance is not known. When using this form, the regulatory agencies responsible for the substance should be consulted.

Aerial application of 2,4-D is not permitted on crops where there is a high probability of drift to crops where there is a high probability of drift to crops. Applications should be made from 400 to 600 feet above the ground. Use of 2,4-D formulations requires a permit from the appropriate state or federal agency. If there are no effective permits, the status of the application is pending. Agencies concerning requirements before making a decision.

Treating Small Areas: One gallon of BP Lo-Vol 4D
gallons of water is sufficient for treating 100 sq. ft.

Note When stored at temperatures below 40°F (4°C), the product may require a warm-up period before use. For more information, see the instructions for use.

It is a violation of Federal law to knowingly
provide false information.

Time of Application: Best results are obtained when BP Lo-Vol 4D is used on young weeds that are a few days old. Applications made at recommended rates in a script formula will usually give a very satisfactory control of young weeds in the early stages of their very lively growth. When used as a pre-emergence treatment, BP Lo-Vol 4D must be applied before the crop has emerged from the soil. Some weeds, grasses and annuals are not controlled at all by BP Lo-Vol 4D.

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Do not

As a result of the above, the following is suggested:

[illegible]

Do not

Postemergence- BP Lo-Vol 4D

Do not

Do not use this form for a letter or other communication. It is for use only for the purpose of recording a response to a survey or questionnaire.

Crop (See Detailed Directions Above)	For Average Conditions	For Dry Conditions as in Western States*
Barley		
Buckwheat		
Chickpeas		
Corn		
Cotton		
Foxtail Millet		
Kentucky Bluegrass		
Lucerne		
Oats		
Peanut Hay		
Soybeans		
Sorghum		
Tritic		
Vetch		
Wheat		

1. *Journal of the American Medical Association*, 1997; 277: 1033-1038.

Do not

BP Lo-Vol 4D

Do not use the information in this document to make a decision about whether to buy, sell, or otherwise trade securities or to make any other financial decision. The information in this document is not intended to be used for such purposes.

BP Lo-Vol 4D

Storage - Do not store in a fire or heat. Do not store in a fire or heat.

Disposal: Do not use in areas where the material may be exposed to the elements. Do not use in areas where the material may be exposed to the elements. Do not use in areas where the material may be exposed to the elements.

Seller: The seller is the person or company that is selling the product. The seller is responsible for the product's quality, quantity, and delivery. The seller is also responsible for the product's price and the terms of sale.

[illegible]