

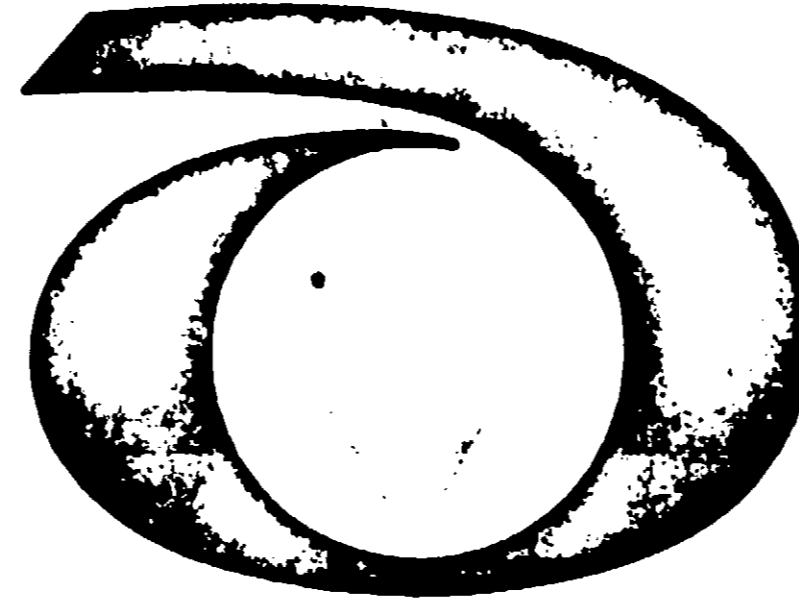
OCT 1 1975

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 677-325

GALLONS

NET CONTENTS

EPA REG. NO. 677-325-AA



®

Diamond Shamrock Chemical Company

BRUSH KILLER BP LO-VOL 4T

Contains 4.0 pounds of 2, 4, 5-T Acid Equivalent Per Gallon

ACTIVE INGREDIENT:		
2, 4, 5-Trichlorophenoxyacetic Acid, Butoxy Propyl Esters*	68.7%	
INERT INGREDIENTS:	31.3%	
TOTAL:	100.0%	

*Equivalent to 2, 4, 5-Trichlorophenoxyacetic Acid ... 44.7%

CAUTION: KEEP OUT OF REACH OF CHILDREN. SEE SIDE PANEL FOR ADDITIONAL CAUTIONS.

AGRICULTURAL CHEMICALS DIVISION, CLEVELAND, OHIO 44114

DIAMOND SHAMROCK CORPORATION

READ ENTIRE LABEL BEFORE USING THIS PRODUCT

USE ONLY AS DIRECTED GENERAL INFORMATION

BP LO-VOL 4T is a selective herbicide recommended for the control of brush and woody plants. Its principal use is on rangeland clearance, power lines, rights of way, stump land and certain waste areas where it is desired to kill or repress growth of woody plants. This product is not recommended for weed control in growing crops. DO NOT use on ditch banks, lakes or ponds.

BP LO-VOL 4T is an emulsifiable formulation which forms an emulsion in water and will readily mix with water free diesel oil, fuel oil or kerosene. The following plants are included among those susceptible to BP LO-VOL 4T:

Alder	Ground cherry	Palmetto
Ash	Gum	Peanut
Aspen	Hawthorn	Prickly pear
Birch	Honeyuckle	Cactus
Boxelder	Horsenettle	Salmonberry
Brambles	Locust	Sumac
Buckbrush	Maple	Wild cherry
Elderberry	Mesquite	Wild grape
Elm	Oak	Wild rose
Greenbrier	Osageorange	Willow

NOTE: Local conditions 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 brush and woody plants, but only where there would be no danger of drift to crops and other desirable plants. Applications should only be made by applicators experienced in the use of 2, 4, 5-T 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

PREPARATION OF THE SPRAY: Fill the spray tank with half the required amount of water or water free diesel oil, fuel oil or kerosene. Then add the recommended amount of BP LO-VOL 4T and continue filling the spray tank with balance of water or petroleum oil. Keep agitator running when filling spray tank and during spray operations. In straight oil mixtures do not let water get into the BP LO-VOL 4T itself or into the diluted product.

TREATING SMALL AREAS: One tablespoonful of BP LO-VOL 4T in 1 1/2 gallons of water is about equal to 1 quart in 100 gallons.

FOLIAGE TREATMENT: Foliage or leaf stem sprays are used during the growing season on dense brush or where vine growth and other woody vines are a problem. Apply BP LO-VOL 4T after foliage is well developed, using a drenching spray containing 3 to 4 quarts in 100 gallons of water. Coverage should be complete, wetting all parts of the plants, including leaves and stems to 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.

BASAL BARK TREATMENT: This treatment is not adapted for spraying dense stands of brush and woody vines. It can be used any time of year, including winter months, to obtain better kill of some species where dense brush and woody vines do not respond to foliar application. Apply BP LO-VOL 4T at the rate of 4 quarts in 25 gallons (1 pint in 3 gallons) of water free fuel oil, diesel oil or kerosene. Treat the basal part of stems or tree trunks (less than 6 inches in diameter) from ground line to a height of 12 to 16 inches, thoroughly wetting to run-off. This is a delayed response to treatment can be expected. Small brush or trees, preferably, should not be cut for one year following treatment.

STUMP TREATMENT: To prevent regrowth from cut stems and stubs apply a solution of 4 quarts of BP LO-VOL 4T in 25 gallons of water free diesel oil or kerosene (1 pint in 3 gallons). Wet thoroughly the cut surfaces of the stump, concentrating the spray on the outside edges, sides of the stump

and exposed roots until run-off to ground line is noticed. Best results are usually obtained when applied to freshly cut stumps 2 inches in diameter or larger.

FRILL TREATMENT: For trees 6 inches in diameter or larger, use the frill or notch treatment. Cut a single notch, griddle or overlapping one cut completely around the tree near the ground line. Treat the injured area with a solution of 2 quarts of BP LO-VOL 4T in 25 gallons of water free diesel oil, fuel oil or kerosene (1/2 pint in 3 gallons).

MESQUITE CONTROL: For airplane application use 1 to 1 1/2 pints of BP LO-VOL 4T per acre. If oil-water spray mixture is to be used, first premix the BP LO-VOL 4T with 1 gallon of water free diesel oil per acre in a separate container, then add premix with vigorous agitation to the required amount of water (total spray, 4 gallons per acre). Apply 45 to 95 days after mesquite first begins to leaf-out. DO NOT treat if drought prevents heavy foliage growth. DO NOT treat if conditions favor drift from target area. Retreat as necessary in succeeding years.

POST OAK and BLACKJACK OAK: For airplane application, use 2 quarts of BP LO-VOL 4T per acre. If oil-water spray mixture is to be used, first premix the BP LO-VOL 4T with 1 gallon of water free diesel oil per acre in a separate container, then add premix with vigorous agitation to the required amount of water (total spray, 4 gallons per acre). Apply when foliage is fully developed. Repeat treatment should be applied in accordance with local recommendations.

SAND SPRAWLERY OAK: For airplane application, use 1 to 1 1/2 quarts of BP LO-VOL 4T per acre. Oil-water spray mixture should be used, first premix the BP LO-VOL 4T with 1 gallon of water free diesel oil per acre in a separate container, then add premix with vigorous agitation to the required amount of water (total spray, 4 gallons per acre). Two or three applications may be necessary. Apply after foliage is fully developed. Consult local experiment stations or other authorities on best time and rate for application.

CAUTION

Harmful if swallowed.

May cause skin irritation.

Avoid contact with eyes, skin and clothing. If contact with eyes 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.

WARNING: DO NOT allow spray drift to 2, 4, 5-T 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. Although this ester is much less volatile than butyl or isopropyl esters, high temperatures may produce vapors after application which might injure 2, 4, 5-T sensitive plants in the vicinity.

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 water supplies.

DO NOT graze dairy animals on treated areas within 6 weeks after application. DO NOT graze meat animals on treated areas within two weeks of slaughter.

DO NOT use around the home, recreation areas or similar sites.

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

Apply only as directed on this label.

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 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.