

ACCEPTED
 8-6-71
 UNDER FEDERAL INSPECTOR
 GENERAL AND FIELD OFFICE
 FOR ECONOMIC INSECTICIDE
 DIVISION NO. 1075352
 ATTACHED COMMENTS

677-303
 1

FIELD PROOF

DATE _____

**READ ENTIRE LABEL
 BEFORE USING THIS PRODUCT**

GENERAL INFORMATION

LO-VOL 6T is a selective herbicide recommended for the control of brush and woody plants. Its principal use is on managed clearance, power lines, right-of-way, stream bank and certain water 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. **DO NOT** use around the home, recreation areas or similar sites.

LO-VOL 6T 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 LO-VOL 6T:

Alder	Elm	Poison ivy
Aspen	Greenbrier	Possum
Boxelder	Gum	Salmalberry
Brambles	Hopbuckle	Sumac
Buckbrush	Lycium	Wild cherry
Elderberry	Maple	Wild grape
	Oak	Willow
	Orangeorange	

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 where there would be no danger of drift to susceptible crops. Applications should only be made by applicators experienced in the use of 2,4,5-T 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 LO-VOL 6T in 1 1/2 gallons of water is about equal to 1 quart in 100 gallons.

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 LO-VOL 6T and continue filling the spray tank with balance of water or petroleum oil. Keep agitator running when filling spray tanks and during spray operations. In straight oil mixtures do not let water get into the LO-VOL 6T itself or into the diluted product.

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 LO-VOL 6T after foliage is well developed, using a drenching spray containing 2 to 2-2/3 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 the year to obtain better kill of some species where dense brush and woody vines do not prevent proper application. Apply LO-VOL 6T at the rate of 2-2/3 quarts in 25 gallons (2/3 pint in 3 gallons) of fuel oil, diesel oil or kerosene. Treat the basal parts of stems or tree trunks

NET CONTENTS

GALLONS

EPA REG. NO. 677-303-AA



**Diamond Chemical
 Division of
 Chemical Company**

**Brush Killer
 LO-VOL 6T**

Contains 6.0 Pounds of 2,4,5-T Acid Equivalent Per Gallon

ACTIVE INGREDIENT:		
hectyl Ester of 2,4,5-Trichlorophenoxyacetic Acid*	86.4%	
INERT INGREDIENTS:	13.6%	
TOTAL	100.0%	

*Equivalent to 2,4,5-Trichlorophenoxyacetic Acid 60.0%

**CAUTION: KEEP OUT OF REACH OF CHILDREN.
 SEE SIDE PANEL FOR ADDITIONAL CAUTIONS.**
AGRICULTURAL CHEMICALS DIVISION-CLEVELAND, OHIO 44115

(less than 6 inches in diameter) from ground line to a height of 12 to 16 inches, thoroughly wetting to run-off. Often a delayed response to treatment can be expected. Treated 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 2-2/3 quarts of LO-VOL 6T in 25 gallons of water-free diesel oil, fuel oil or kerosene (2/3 pint in 3 gallons). Wet thoroughly the cut surface 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 back grade of overlapping axe cuts completely around the tree near the ground line. Treat the injured area with a solution of 1-1/3 quarts of LO-VOL 6T in 25 gallons of diesel oil, fuel oil or kerosene (1/3 pint in 3 gallons).

MESQUITE CONTROL: For airplane application use 2.3 to 1 pint of LO-VOL 6T per acre in 3 gallons of water and 1 gallon of water-free diesel oil. Apply 45 to 95 days after mesquite first begins to leaf out. **DO NOT** treat if drought prevents heavy foliage growth.

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.

Use care to avoid 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 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 2,4,5-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.

DO NOT graze dairy animals on treated areas within 6 weeks after application. **DO NOT** graze meat animals on treated areas within 2 weeks of slaughter.

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 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.