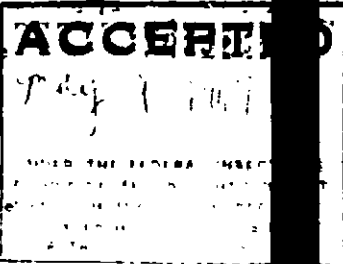


**DIRECTIONS**

L-V Brush Killer contains low volatile esters of both 2,4-D and 2,4,5-T and consequently will control certain woody plants and brush more efficiently and economically than 2,4-D alone. L-V Brush Killer mixed at the rate of 3 to 4 quarts in 100 gals. of water applied per acre will control the following susceptible woody plants; a reasonably coarse spray should be applied: *S. T. E. = H. S. & L. Co.*

Aspen  
 Apple, American, Crab  
 Barberry, Colorado  
 Birch  
 Blackberry  
 Brambles  
 Buckbrush  
 Catalpa  
 Cedar, Salt  
 Cherry, Choke  
 Cherry, Wild  
 Chestnut  
 Chinaberry  
 Cottonwood  
 Currant  
 Elderberry  
 Elder, Box  
 Elm  
 Gum, Black  
 Gum, Sweet  
 Hackberry  
 Hawthorn  
 Hazel  
 Herculesclub  
 Hickory  
 Honeysuckle

Hornbeam  
 Horsechestnut  
 Juneberry  
 Locust, Black  
 Locust, Honey  
 Mesquite  
 Mulberry  
 Oaks  
 Osage Orange  
 Pine  
 Poison Ivy  
 Poison Oak  
 Poplar  
 Prickly Ash  
 Raspberry  
 Rose, Cherokee  
 Sagebrush  
 Sassafras  
 Silverberry  
 Skunkbrush  
 Shadbush  
 Spicebush  
 Sumac  
 Sweetfern  
 Wild Grape  
 Willow



If a knapsack sprayer is used dilute 1/2 to 1 pint of L-V Brush Killer in 10 gallons of water and apply so that the plants are thoroughly wetted.

In the case of highly resistant woody plants such as Ash, Basswood, Beech, Red Maple, Mesquite, Persimmon, Rhododendron, Spruce it is best to cut the plants to within a few inches of the ground and spray the stubble with a solution of 2 to 5 parts of L-V Brush Killer diluted in 100 parts by volume of kerosene or diesel oil.

To treat Stumps of large trees or woody plants apply L-V Brush Killer to freshly cut stumps diluted at the rate of 1 1/2 pints to 1 quart in 10 to 12 gallons of kerosene or diesel oil. This spray may be applied with a knapsack sprayer having a nozzle of medium orifice and care should be taken that both the sides and the tops of the stumps are thoroughly wetted. Should regrowth occur a second application may be necessary.

# Worthmore L-V BRUSH KILLER

**CONTAINS LOW VOLATILE ESTERS OF 2,4-D AND 2,4,5-T FOR THE CONTROL OF WOODY PLANTS**

**ACTIVE INGREDIENTS:**

Isooctyl ester\* of 2,4-Dichlorophenoxyacetic Acid..... 33.7%  
 Isooctyl ester\* of 2,4,5-Trichlorophenoxyacetic Acid..... 32.1%

**INERT INGREDIENTS**

..... 34.2%

**TOTAL** ..... 100.00%

Contains 2 lbs. 2,4-D acid equivalent plus 2 lbs. 2,4,5-T acid equivalent per gallon minimum.

Contains equivalent of 22.3% 2,4-Dichlorophenoxyacetic acid and 22.3% 2,4,5-Trichlorophenoxyacetic acid.

Licensed under U.S. Patents 2,396,513; 2,390,941; Re 23115.

\*U. S. Patent Pending.

**WARNING: KEEP OUT OF REACH OF CHILDREN  
 Harmful or Fatal if swallowed.**

Before using read carefully warning on side panel.

**DISTRIBUTED BY MUTUAL DEALERS WHOLESALE, INC.  
 St. Paul, Minnesota 55114**

# Orthmore L-V Brush Killer

**ESTER ESTERS OF 2,4-D AND 2,4,5-T  
CONTROL OF WOODY PLANTS**

Dichlorophenoxyacetic Acid	33.7%
Trichlorophenoxyacetic Acid	32.1%
.....	34.2%
.....	100.00%

plus 2 lbs. 2,4,5-T acid equivalent per gallon minimum.

3% 2,4 Dichlorophenoxyacetic acid and 22.3%  
Trichlorophenoxyacetic acid.

Patents 2,396,513; 2,390,941; Re 23115.  
U. S. Patent Pending.

**KEEP OUT OF REACH OF CHILDREN**  
**or Fatal if swallowed.**  
Carefully warning on side panel.

**MUTUAL DEALERS WHOLESALERS, INC.**  
St. Paul, Minnesota 55114

## CONTENTS

U. S. GALLONS

USDA Reg. No. 632-22

### DIRECTIONS

(continued)

L-V Brush Killer can be used in range land to control sand sagebrush, scrub oak, mesquite and certain other noxious plants. Time of treatment is extremely important. Apply when woody plants are in full leaf and up to two weeks before fall frost. For non-crop areas such as right-of-ways, fence rows and waste areas.

#### Procedure for range land clearance:

**AIRPLANE APPLICATION**—Mix 1 to 1½ pints of L-V Brush Killer in 3 gallons of diesel oil and apply this volume per acre.

**GROUND APPLICATION**—Dilute L-V Brush Killer in sufficient water or diesel oil depending upon equipment available and apply so that 1 to 1½ pints of L-V Brush Killer is applied per acre.

### WARNING

DO NOT apply this brush killer direct to flowers, fruits, vegetables, grapes, ornamentals, cotton or other desirable plants. Even minute quantities of this brush killer may cause severe injury to beneficial or desirable plants, hence caution must be exercised in using this chemical in close proximity to such plants. (Coarse sprays are less likely to drift.)

In some cases vapors from this product may injure the more susceptible plants in immediate vicinity of application. Use only where vapors are not a hazard.

DO NOT contaminate water in irrigation ditches or water used for domestic purposes. Excessive amounts of this brush killer in the soil may temporarily inhibit seed germination and plant growth.

DO NOT use on lawns. Legumes, such as white clover, are susceptible to the action of this brush killer and will be severely damaged or killed.

DO NOT store near fertilizers, seeds, insecticides or fungicides.

DO NOT use spray equipment for any other purpose. Such equipment should not be used for application of insecticides, fungicides or other agricultural chemicals.

DO NOT graze treated areas to dairy animals within 7 days after application.

### CAUTION

Avoid contact with skin, eyes and clothing. Avoid inhalation. Avoid spray drift to susceptible plants as this product may injure cotton, beans, peas, ornamentals, etc. (Coarse sprays are less likely to drift.) Do not use spray equipment for other purposes. Do not store near fertilizers, seeds, insecticides, or fungicides.

### NOTICE

Mutual Dealers Wholesale, Inc. GUARANTEES that the ingredients herein are the highest quality obtainable and full strength as shown. However, seller makes no warranty of any kind concerning the use of this product unless it is used in accordance with the directions

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Read all  
directions  
carefully  
before using.

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**DIRECTIONS**

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- Aspen
- Apple, American, Crab
- Barberry, Colorado
- Birch
- Blackberry
- Brambles
- Buckbrush
- Catalpa
- Cedar, Selt
- Cherry, Choke
- Cherry, Wild
- Chestnut
- Chinaberry
- Cottonwood
- Currant
- Elderberry
- Elder, Box
- Elm
- Gum, Black
- Gum, Sweet
- Hackberry
- Hawthorn
- Hazel
- Herculesclub
- Hickory
- Honeysuckle

- Horbeam
- Horseshoebark
- Junberry
- Locust, Black
- Locust, Honey
- Mesquite
- Mulberry
- Oaks
- Osage Orange
- Pine
- Poison Ivy
- Poison Oak
- Poplar
- Prickly Ash
- Raspberry
- Rose, Cherokee
- Sagebrush
- Sassafras
- Silverberry
- Skunkbrush
- Shadbush
- Spicebush
- Sumac
- Sweetfern
- Wild Grape
- Willow

*632-22*  
**ACCEPTED**  
*July 9 1967*  
 UNDER THE FEDERAL INSEC  
 FUNDICINE AND MONENTICIN  
 FOR EXAMINATION AND REG  
 ED UNDER NO. 35  
 TO ATTACHED COMMENTS

If a knapsack sprayer is used dilute 1/2 to 1 pint of L-V Brush Killer in 10 gallons of water and apply so that the plants are thoroughly wetted.

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**Wortham**

**L-V**

**BRUSH KILLER**

**CONTAINS LOW VOLATILE ESTERS OF 2,4-D AND 2,4,5-T FOR THE CONTROL OF WOODY PLANTS**

**ACTIVE INGREDIENTS:**

- Isooctyl ester\* of 2,4-Dichlorophenoxyacetic Acid.....
- Isooctyl ester\* of 2,4,5-Trichlorophenoxyacetic Acid.....

**INERT INGREDIENTS**

**TOTAL**

Contains 2 lbs. 2,4-D acid equivalent plus 2 lbs. 2,4,5-T acid equivalent

Contains equivalent of 22.3% 2,4-Dichlorophenoxyacetic acid and 2,4,5-Trichlorophenoxyacetic acid.

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