

UNICO®

Lo-V BRUSH KILLER

Contains 2,4-D and 2,4,5-T Low-Volatile Esters

ACTIVE INGREDIENTS:

2-Ethylhexyl ester of 2,4,5-trichlorophenoxyacetic acid*	31.5%
2-Ethylhexyl ester of 2,4-dichlorophenoxyacetic acid**	33.0%
INERT INGREDIENTS	35.5%
Total	100.0%

*Equivalent to 21.9% of 2,4,5-trichlorophenoxyacetic acid
 **Equivalent to 21.9% of 2,4-dichlorophenoxyacetic acid

**CONTAINS 2 POUNDS 2,4,5-T ACID AND
 2 POUNDS 2,4-D ACID EQUIVALENT PER GALLON**

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Remainder of CAUTION Statement on Side Panel

EPA Reg. No. 1386-56

EPA Est. No. 1386-OH-1

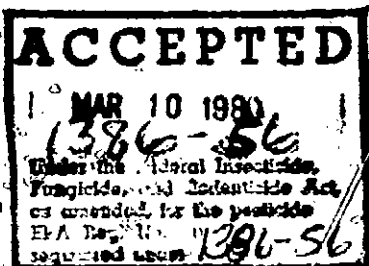
Net Volume

FC-177-180

1 U.S. Gallon Liquid (3.785 L)

PROD. 108

MANUFACTURED BY



CAUTION

HARMFUL IF SWALLOWED. AVOID EYES, SKIN, OR CLOTHING. WASH THOROUGHLY WITH SOAP AND WATER IF SOAKED IN SOLUTION. IF IN EYES, FLUSH WITH PLENTY OF WATER. SEE MEDICAL ATTENTION.

THIS PRODUCT IS TOXIC TO FISH, BIRDS, AND BEES. DO NOT DISPOSE OF IN LAKES, STREAMS, OR PONDS. DO NOT CONTAMINATE WATER SUPPLIES.

Apply only in the manner and for the purpose specified in this label. Do not apply when wind is blowing toward treated areas. Favor drift of spray from areas treated. Runoff may occur as a result of heavy rain. Clean application equipment and dispose of rinsings and unused chemical in a safe and well away from water supplies.

DO NOT STORE NEAR FERTILIZERS, PESTICIDES, OR FUNGICIDES. Do not use in or near open flame.

Considerable caution must be exercised to avoid injury to crops and ornamentals. Do not apply directly to vegetables, fruit trees, ornamentals, cotton, or other plants which are sensitive to 2,4-D or 2,4,5-T. Fine spray mist to drift onto them in quantities may cause severe injury to dormant plants. Coarse sprays are not recommended. High temperatures during or shortly after application may produce vapors which are susceptible to the extent of leaching. Excessive amounts of 2,4-D and 2,4,5-T may temporarily inhibit seed germination.

DESTROY EMPTY CONTAINERS. Do not reuse for any purpose. If container is to be reused, it must be thoroughly cleaned in an isolated area, and bury fragments in a hole in the ground. Wash empty container with wheels in top of an axle, and bury crushed container in a non-crop land located well away from water supplies.

NOTICE

Use only for the purpose and in the quantities, cautions or warnings stated on this label.

UNICO Lo-V Brush Killer

DIRECTIONS FOR USE

CAUTION

HARMFUL IF SWALLOWED. AVOID CONTACT WITH EYES, SKIN, OR CLOTHING. WASH THOROUGHLY WITH SOAP AND WATER IF SOAKED IN SERIOUS SPILL. IF IN EYES, FLUSH WITH PLENTY OF WATER AND GET MEDICAL ATTENTION.

THIS PRODUCT IS TOXIC TO FISH. KEEP OUT OF LAKES, STREAMS, OR PONDS. Do not contaminate any body of water, especially domestic and irrigating water supplies.

Apply only in the manner and for the purpose stated in this label. Do not apply when weather conditions favor drift of spray from area treated. Do not use where runoff may occur as a result of heavy rain. Clean application equipment and dispose of rinse solutions, wastes and unused chemical in a pit on non-crop land located well away from water supplies.

DO NOT STORE NEAR FERTILIZERS, SEEDS, INSECTICIDES, OR FUNGICIDES. Do not use or store near heat or open flame.

Considerable caution must be exercised in using this product to avoid injury to crops and desirable plants. Do not apply directly to vegetables, flowers, grapes, fruit trees, ornamentals, cotton, or other desirable plants which are sensitive to 2,4-D or 2,4,5-T, and do not permit spray mist to drift onto them since even minute quantities may cause severe injury to both growing and dormant plants. Coarse sprays are less likely to drift. High temperatures during or shortly after application of this product may produce vapors which might injure susceptible plants growing nearby. Do not apply excessive quantities to the extent of causing puddles of solution. Excessive amounts of 2,4-D and 2,4,5-T acids in the soil may temporarily inhibit seed germination and plant growth.

DESTROY EMPTY CONTAINERS. Do not reuse this container for any purpose. If container is glass, break empty container into a previously prepared pit on non-crop land in an isolated area, and bury fragments deeply. If container is metal, punch holes in top and bottom, crush empty container under wheels of heavy vehicle or with an axe, and bury crushed container deeply in a pit on non-crop land located well away from water supplies. Do not burn empty containers.

NOTICE

Use only for the purposes and in compliance with the limitations, cautions or warnings stated on this label.

UNICO Lo-V Brush Killer is intended only for control of brush, brambles and deciduous woody plants where such growth is not wanted. Do not use in areas adjacent to or near residences or other beneficial animals. Do not use in recreational areas, aquatic situations, forest lands, parks, etc. It is used for weed control in growing crops. Brush and other woody plants are usually controlled with UNICO Lo-V Brush Killer consisting of an initial thorough treatment followed by additional annual clean-up treatments for 1 to 3 years.

TO MIX—UNICO Lo-V Brush Killer will emulsify in water or will mix readily with kerosene. It may be used with a water and oil mixture. For mixing, fill spray tank about 1/2 full with water or kerosene, add UNICO Lo-V Brush Killer, and then finish filling tank with water or petroleum oil. Stir or agitate thoroughly to obtain a uniform mixture.

FOLIAGE TREATMENT—Foliage or leaf stem sprays are used during the growing season on brush and woody plants are actively growing and their foliage is well developed.

For high volume, power-operated sprayers, use 3 to 4 quarts of UNICO Lo-V Brush Killer per acre. Spray to wet thoroughly the brush on 1 acre. A higher volume than 100 gallons per acre may be used if brush is dense or over 6 or 8 feet tall.

For Knapsack hand sprayer, use 2 to 3 tablespoonfuls of UNICO Lo-V Brush Killer per gallon of spray. Generally, 1 gallon of spray will cover brush on about 1,500 to 2,000 square feet.

Best results from foliage treatments are obtained when soil moisture and temperature conditions are favorable. Foliage treatment sprays should not be applied during, or shortly after, long periods without rain. Plants should have lost their healthy green color. Kill of brush may not be evident for several weeks. It is preferable to wait for 6 to 8 weeks. Hard-to-kill species may require retreatment the following season.

BASAL BARK TREATMENT—This treatment may be used any time of the year, and is especially useful when other work is not pressing. Use 10 tablespoonfuls of UNICO Lo-V Brush Killer in 1 gallon of fuel oil or kerosene (1 pint in 3 gallons, 4 quarts in 25 gallons), and apply this mixture to the basal parts of woody plants or to brush 6 inches in diameter from the ground line up to a height of about 2 feet, thoroughly wetting all parts of the stem. Often a delayed response to this treatment may be expected. It is preferable to use this treatment on brush or on low lying bark treatment.

STUMP TREATMENT—To control regrowth of sprouts from cut stems and stubs, use 10 tablespoonfuls of UNICO Lo-V Brush Killer in 1 gallon of fuel oil or kerosene (1 pint in 3 gallons, 4 quarts in 25 gallons), and apply mixture to the sides and top surfaces of all cut stumps. The stump treatment may be applied any time of the year, but should be applied on the outside edges of the stumps and on exposed roots, until slight run-off to the ground line is obtained. On stumps of 2 inches or larger in diameter are usually obtained when applied to freshly cut stumps. However, this is applied to stumps cut some time earlier.

GIRDLE TREATMENT—For trees of 6 inches or larger in diameter, cut a girdle or notch completely around the ground line. Use a mixture of 10 tablespoonfuls of UNICO Lo-V Brush Killer in 1 gallon of fuel oil or kerosene, and apply mixture thoroughly into the girdled or notched area.

SUSCEPTIBLE BRUSH—The following brush and woody plants are among those susceptible to control with UNICO Lo-V Brush Killer:

- | | | | |
|------------|--------------|--------------|------|
| Alder | Buckbrush | Palmetto | Wild |
| Ash | Elderberry | Palmetto Ivy | Wild |
| Aspen | Elm | Poplar | Wild |
| Birch | Greenbrier | Sassafras | Wild |
| Blackberry | Honeysuckle | Sumac | Wild |
| Box elder | Lotus | Sweet gum | Wild |
| Brambles | Osage Orange | Sycamore | |

LIMITATIONS—Do not graze dairy animals on treated areas within 6 weeks after application. Do not graze treated areas within 2 weeks of slaughter. Do not feed foliage or plant parts from treated areas to livestock.

CLEANING SPRAY EQUIPMENT—It is almost impossible to remove residues of 2,4-D and 2,4,5-T from sprayer equipment particularly from non-metallic parts (wood, rubber, fibre), and it is advisable NOT to use the same equipment for other materials to plants or crops.

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31.5%
33.0%
35.0%
100.0%

UNICO Lo-V Brush Killer

DIRECTIONS FOR USE

CAUTION

HARMFUL IF SWALLOWED. AVOID CONTACT WITH EYES, SKIN, OR CLOTHING. WASH THOROUGHLY WITH SOAP AND WATER IF SOAKED IN SERIOUS SPILL. IF IN EYES, FLUSH WITH PLENTY OF WATER AND GET MEDICAL ATTENTION.

THIS PRODUCT IS TOXIC TO FISH. KEEP OUT OF LAKES, STREAMS, OR PONDS. Do not contaminate any body of water, especially domestic and irrigating water supplies.

Apply only in the manner and for the purpose stated in this label. Do not apply when weather conditions favor drift of spray from area treated. Do not use where drift may occur as a result of heavy rain. Clean application equipment and dispose of rinse solutions, wastes and unused chemical in a pit on non-crop land located well away from water supplies.

DO NOT STORE NEAR FERTILIZERS, SEEDS, INSECTICIDES, OR FUNGICIDES. Do not use or store near heat or open flames.

Considerable care must be exercised in using this product to avoid injury to crops and desirable plants. Do not apply directly to vegetables, flowers, grapes, fruit trees, ornamentals, cotton, or other desirable plants which are sensitive to 2,4-D or 2,4,5-T, and do not permit spray drift to drift onto them since even minute quantities may cause severe injury to both growing and dormant plants. Contact sprays are less likely to drift. Do not spray during or shortly after application of herbicides which may injure plants which might later be planted in the area. Do not apply excess quantities to the extent of causing puddles of solution. Excessive amounts of 2,4-D and 2,4,5-T acids in the soil may temporarily inhibit seed germination and plant growth.

REUSE EMPTY CONTAINERS. Do not reuse this container for any purpose. If container is glass, break empty container into a previously prepared pit on non-crop land in an isolated area, and bury treatment deeply. If container is metal, punch holes in top and bottom, crush empty container only above of heavy vehicle or with other heavy object, and bury container deeply in a pit on non-crop land located well away from water supplies. Do not burn empty containers.

NOTICE

Use only for the purpose and in compliance with the directions, cautions or warnings stated on this label.

UNICO Lo-V Brush Killer is intended only for control of brush, brambles and deciduous woody plants in noncropped areas where such growth is not wanted. Do not use in areas adjacent to or near residences or other buildings occupied by humans or beneficial animals. Do not use in recreational areas, aquatic situations, forest lands, rights-of-way or pastures. It must not be used for weed control in growing crops. Brush and other woody plants are usually controlled most successfully through a program consisting of an initial thorough treatment followed by additional annual clean-up treatments for 1 to 3 years.

TO MIX—UNICO Lo-V Brush Killer will emulsify in water or will mix readily with kerosene, fuel oil, or diesel oil, and may be used with a water and oil mixture. For mixing, fill spray tank about 1/2 full with water or oil, add UNICO Lo-V Brush Killer, and then finish filling tank with water or petroleum oil. Stir or agitate thoroughly to obtain a good mixture. Continue some agitation while spraying.

FOLIAGE TREATMENT—Foliage or leaf stem sprays are used during the growing season when the undesirable brush, vine growth, and woody plants are actively growing and their foliage is well-developed.

For high volume, power-operated sprayers, use 3 to 4 quarts of UNICO Lo-V Brush Killer with 100 gallons of water and apply spray to wet thoroughly the brush on 1 acre. A higher volume than 100 gallons per acre may be necessary where brush growth is dense or over 6 or 8 feet tall.

For Knapsack hand sprayer, use 2 to 3 tablespoonfuls of UNICO Lo-V Brush Killer per gallon of water. Thoroughly wet all foliage. Generally, 1 gallon of spray will cover brush on about 1,500 to 2,000 square feet.

Best results from foliage treatments are obtained when soil moisture and temperature conditions are favorable for plant growth. Foliage treatments should not be applied during, or shortly after, long periods without rain, or in the early fall after leaves have lost their healthy green color. Kill of brush may not be evident for several weeks. It is preferable not to cut treated brush for 6 to 8 weeks. Hard-to-kill species may require retreatment the following season.

BASAL BARK TREATMENT—This treatment may be used any time of the year, and is especially useful during the winter season when other work is not pressing. Use 10 tablespoonfuls of UNICO Lo-V Brush Killer in 1 gallon of fuel oil or kerosene (1 pint in 3 gallons, 4 quarts in 25 gallons), and apply this mixture to the basal parts of woody plants, or to tree trunks of less than 6 inches in diameter from the ground line up to a height of about 2 feet, thoroughly wetting all parts of the bark in this area. Often a delayed response to this treatment may be expected. It is preferable not to cut treated brush or trees for 1 year following bark treatment.

STUMP TREATMENT—To control regrowth of sprouts from cut stems and stubs, use 10 tablespoonfuls of UNICO Lo-V Brush Killer in 1 gallon of fuel oil or kerosene (1 pint in 3 gallons, 1 gallon in 25 gallons), and apply mixture to wet thoroughly the sides and top surfaces of all cut stumps. The stump treatment may be applied any time of the year. Concentrate the spray on the outside edges of the stumps and on exposed roots, until slight run-off to the ground line is noticed. Best results with stumps of 2 inches or larger in diameter are usually obtained when applied to freshly cut stumps; however, this treatment may be applied to stumps cut some time earlier.

GIRDLE TREATMENT—For trees of 6 inches or larger in diameter, cut a girdle or notch completely around the tree near the ground line. Use a mixture of 10 tablespoonfuls of UNICO Lo-V Brush Killer in 1 gallon of fuel oil or kerosene to apply thoroughly into the girdled or notched area.

SUSCEPTIBLE BRUSH—The following brush and woody plants are among those susceptible to control with UNICO Lo-V Brush Killers:

- | | | | |
|------------|-------------|------------|-------------|
| Alder | Buckbrush | Palmetto | Wild cherry |
| Ash | Elderberry | Poison Ivy | Wild grape |
| Aspen | Elm | Poplar | Wild plum |
| Birch | Greenbrier | Sassafras | Wild rose |
| Blackberry | Honeysuckle | Sumac | Willow |
| Box elder | Locust | Sweet gum | |
| Brambles | Osgo Orange | Sycamore | |

LIMITATIONS—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. Do not feed foliage or plant parts from treated areas to livestock.

CLEANING SPRAY EQUIPMENT—It is almost impossible to remove residues of 2,4-D and 2,4,5-T from sprayers and application equipment particularly from non-metallic parts (wood, rubber, fibre), and it is advisable NOT to use the same equipment for applying other materials to plants or crops.