



NET CONTENTS

GALLONS

EPA REG. NO. 677-141-AA

READ ENTIRE LABEL BEFORE USING THIS PRODUCT

GENERAL INFORMATION

LINE RIDER LV-2 BRUSH KILLER... The following plants are included among those susceptible to LINE RIDER LV-2:

- Alfalfa, Elm, Greenhouse plants, Ash, Ginkgo, Juniper, Aspen, Hawthorn, Magnolia, Birch, Honeylocust, Maple, Boxelder, Locust, Mulberry, Red maple, Red pine, Sycamore, Red spruce, White pine, White oak, Wild cherry, Wild grape, Willow.

TREATING SMALL AREAS... DIRECTIONS FOR USE

PREPARATION OF THE SPRAY... FOLIAGE TREATMENT... BASAL BARK TREATMENT

Apply LINE RIDER LV-21 after foliage well developed...

Apply LINE RIDER LV-21 after foliage well developed using a drawing spray...

BASAL BARK TREATMENT... spraying dense stands of brush and woody vines...

ACCEPTED July 31 1977 UNDER THE FUNGICIDE AND FOR ECONOMIC PESTICIDES UNDER NO. 677-141



Diamond Shamrock Chemical Company

Brush Killer LINE RIDER LV-21

(2,4-D, 2,4,5-T Low-Volatility Emulsifiable Formulation) Contains 2.67 Pounds of 2,4-D and 1.33 Pounds of 2,4,5-T Acid Equivalent Per Gallon

Table with 2 columns: ACTIVE INGREDIENTS and percentages. Includes Heptyl Ester of 2,4-Dichlorophenoxyacetic Acid* (45.9%), Heptyl Ester of 2,4,5-Trichlorophenoxyacetic Acid** (21.6%), and INERT INGREDIENTS (32.3%).

TOTAL 100.0% *Equivalent to 2,4-Dichlorophenoxyacetic Acid 30.5% **Equivalent to 2,4,5-Trichlorophenoxyacetic Acid 15.1%

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

DIAMOND SHAMROCK CORPORATION



NET CONTENTS

GALLONS

EPA REG. NO. 677-141-AA

READ ENTIRE LABEL
BEFORE USING THIS PRODUCT

GENERAL INFORMATION

LINE RIDER LV-21 BRUSH KILLER is a systemic herbicide which kills brush and weeds by translocation. It is a water-free diesel oil formulation.

NEVER use LINE RIDER LV-21 on or near crops, lawns, or ornamentals. This product is not intended for use on any of the following crops:

DO NOT use around the home, near or near similar plants. The following plants are included among those susceptible to LINE RIDER LV-21:

- | | | |
|----------------|-------------|-------------|
| Alder | Elm | Yew |
| Ash | Green ash | Juniper |
| Birch | Oak | Maple |
| Cedar | Hickory | Pine |
| Cherry | Locust | Redwood |
| Cypress | Madia | Spruce |
| Dogwood | Walnut | Willow |
| Holly | Wild cherry | Witch hazel |
| Juniper | Wine grape | Witch |
| Labrador cedar | Wine grape | Witch |
| Labrador cedar | Wine grape | Witch |
| Labrador cedar | Wine grape | Witch |

NEVER use LINE RIDER LV-21 on or near crops, lawns, or ornamentals. This product is not intended for use on any of the following crops:

DIRECTIONS FOR USE

PREPARATION OF THE SPRAY: Fill the spray tank with the required amount of water or water-kerosene solution. For kerosene, add the recommended amount of the LINE RIDER LV-21 with agitation and continue filling the spray tank with water or petroleum oil. Thoroughly mix the solution before using.

STUMP TREATMENT: To prevent regrowth from cut stems and stubs, apply a solution of 3 to 4 quarts of LINE RIDER LV-21 in 25 gallons of water-free diesel oil, fuel 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 reached. Best results are usually obtained when applied to the stump within 2 weeks of diameter or larger.

FRILL TREATMENT: For trees 6 inches in diameter or larger, use the frill or notch treatment. Cut a single notch grade of overlapping one inch completely around the tree near the ground line. Treat the injured area with a solution of 2 quarts of LINE RIDER LV-21 in 25 gallons of diesel oil, fuel oil or kerosene (1 pint in 3 gallons).

WILDLIFE TREATMENT: Forage plants are not to be used during the growing season or before the first of winter. Use only on brush, greenbriar and other woody plants.

Apply LINE RIDER LV-21 with a spray nozzle, backpack sprayer, or hand sprayer containing 3 to 4 quarts of 16 gallon spray tank. Coverage should be complete, wet all parts of the brush, including leaves and stems. Apply to the top of the plants. Use more often for trees and shrubs. Higher volumes are necessary for trees over 10 feet high. DO NOT treat during periods of severe drought or in early fall when leaves have not turned healthy green. Do not apply to plants which have been treated the following season.

WILDLIFE TREATMENT: This treatment is for brush and weeds. Do not use on or near crops, lawns, or ornamentals. Do not use on or near crops, lawns, or ornamentals. Do not use on or near crops, lawns, or ornamentals.

ACCEPTED
July 24 1977
UNDER THE FEDERAL
FUNGICIDE AND
FOR ECONOMIC PROTECTION
ACT OF 1970
EPA REG. NO. 677-141-AA



**Diamond Shamrock
Chemical Company**

Brush Killer

LINE RIDER LV-21

2,4-D 2,4,5-T Low-Volatile Emulsifiable Formulation

Contains 2.67 Pounds of 2,4-D and 1.33 Pounds of 2,4,5-T Acid Equivalent Per Gallon

ACTIVE INGREDIENTS	
Isobutyl Ester of 2,4-Dichlorophenoxyacetic Acid*	45.9%
Isobutyl Ester of 2,4,5-Trichlorophenoxyacetic Acid**	21.8%
INERT INGREDIENTS	
TOTAL	100.0%

*Equivalent to 2,4-Dichlorophenoxyacetic Acid 30.5%
**Equivalent to 2,4,5-Trichlorophenoxyacetic Acid 15.1%

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

DIAMOND SHAMROCK CORPORATION

STUMP TREATMENT: To prevent regrowth from cut stems and stubs, apply a solution of 3 to 4 quarts of LINE RIDER LV-21 in 25 gallons of water-free diesel oil, fuel 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 reached. Best results are usually obtained when applied to the stump within 2 weeks of diameter or larger.

FRILL TREATMENT: For trees 6 inches in diameter or larger, use the frill or notch treatment. Cut a single notch grade of overlapping one inch completely around the tree near the ground line. Treat the injured area with a solution of 2 quarts of LINE RIDER LV-21 in 25 gallons of diesel oil, fuel oil or kerosene (1 pint in 3 gallons).

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-D and 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-D and 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 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 reuse empty container. Return to drum recycler, transfer, or destroy by perforating, crushing and burying or discarding in a safe place.

This product is toxic to fish. Keep out of lakes, streams or 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.

48-1428

281-4-20C-147

**READ ENTIRE LABEL
BEFORE USING THIS PRODUCT**

GENERAL INFORMATION

LINE RIDER LV-21 BRUSH KILLER is an emulsifiable formulation which forms an emulsion in water and will readily mix with water-free diesel oil, fuel oil or kerosene.

LINE RIDER LV-21 is designed for use in 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 intended for weed control in growing crops.

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

The following plants are included among those susceptible to LINE RIDER LV-21:

<u>Alder</u>	<u>Elm</u>	<u>Salmalberry</u>
<u>Ash</u>	<u>Greenbrier</u>	<u>Poison ivy</u>
<u>Aspen</u>	<u>Gum</u>	<u>Palmetto</u>
<u>Birch</u>	<u>Honeysuckle</u>	<u>Sumac</u>
<u>Basswood</u>	<u>Locust</u>	<u>Wild cherry</u>
<u>Brambles</u>	<u>Maple</u>	<u>Wild grape</u>
<u>Buckbrush</u>	<u>Oak</u>	<u>Willow</u>
<u>Elderberry</u>	<u>Osageorange</u>	

TREATING SMALL AREAS: One tablespoonful of LINE RIDER LV-21 in 1 1/2 gallons of water is about equal to 1 quart in 100 gallons

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, add the recommended amount of LINE RIDER LV-21 with agitation and continue filling the spray tank with water or petroleum oil. In straight oil mixtures, do not let water get into the LINE RIDER LV-21 itself or into the finished product.

FOLIAGE TREATMENT: Foliage or leaf stem sprays are used during the growing season on dense brush or where vine growth such as Smilax, greenbrier and other woody vines is a problem.

Apply LINE RIDER LV-21 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. Applications are more effective when applied to actively-growing plants. Higher volumes are necessary where the brush is very dense and over 8 to 10 feet high. 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 anytime of the year to obtain better kill of some species where dense brush and woody vines do not prevent proper application. Apply LINE RIDER LV-21 at the rate of 3 to 4 quarts in 25 gallons (1 pint in 3 gallons) of fuel oil, diesel oil or kerosene, treating the basal parts 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 all sides of the indicated area. Often a delayed response to treatment can be expected. Treated brush or trees preferably should not be cut for one year following treatment.

SPECIMEN LABEL

ACCEPTED

3-30-1971

FEDERAL INSECTICIDE ACT
PETROLEUM REGISTERED

141

Brush
LINE RIDER

(2,4-D/2,4,5-T Low-Vol)

Contains 2.67 Pounds of 2,4-D and 1.33 P

ACTIVE INGREDIENTS:

Isocetyl Ester of 2,4-Dichloropheno

Isocetyl Ester of 2,4,5-Trichloropheno

INERT INGREDIENTS:

TOT

*Equivalent to 2,4-Dichlo

**Equivalent to 2,4,5-Trich