

**Precautionary Statements**  
**Hazards to Humans and Domestic Animals**  
**Caution**

Harmful if swallowed  
 Avoid breathing vapors or spray mist  
 Avoid contact with skin, eyes or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

**Environmental Hazards**

Do not contaminate irrigation ditches or water used for domestic purposes. Use care to avoid spray contact or drift to 2,4-D susceptible plants such as cotton, tomatoes, flowers, grapes, fruit trees and ornamentals. Do not permit spray mist containing Crop Rider LV-4D to drift onto them, since even very small quantities of the spray, which may not be visible, can cause severe injury during both growing and dormant periods. Do not spray when the wind is blowing towards susceptible crops or ornamental plants. Use coarse sprays to minimize drift. With ground equipment, spray drift can be lessened by keeping the spray boom as low as possible, by applying 20 gallons or more of spray per acre by using no more than 20 pounds spraying pressure with flat fan or flooding flat fan nozzle tips, by spraying when wind velocity is low, and by stopping all spraying when wind exceeds 6 to 7 miles per hour. Do not apply with hollow cone-type insecticide or other nozzles that produce a fine droplet spray. With aircraft application, drift can be lessened by applying not less than 5 gallons of spray per acre, by using no more than 20 pounds spray pressure at the nozzles, by using nozzles which produce a coarse spray pattern, and by spraying only when the wind velocity is less than 5 miles per hour. Although this product is much less volatile than butyl or isopropyl esters, at high temperatures (above 95° F) vapors from this product may injure susceptible plants growing nearby. Do not use in a greenhouse. Flush sprayer out on suitable non-crop area after use. Do not use the same spray equipment for applying other materials to 2,4-D susceptible crops as injury may result. Keep out of lakes, streams and ponds.

Net Contents Gallons /Liters



**Diamond Shamrock**

**ACCEPTED**  
 JUL 22 1980  
 U.S. Dept. of Agriculture  
 Federal Insecticide,  
 Fungicide, and Rodenticide Act  
 as amended, for the product  
 registered under:  
 EPA Reg. No. 677-110-1

# Crop Rider®

## LV-4D

**Weed Killer**

Active Ingredient: Isooctyl Ester of 2,4-Dichlorophenoxyacetic Acid*	66.8%
Inert Ingredients:	33.2%
<b>Total</b>	<b>100.0%</b>

**Keep Out Of Reach Of Children**

**CAUTION**

See side panel for additional precautionary statements

Diamond Shamrock Corporation  
 Agricultural Chemicals Division  
 Cleveland, Ohio 44114  
 EPA Reg. No. 677-110

## Crop Rider™ LV-4D

Read entire label before using this product.

### General Information

The following is a partial list of weeds controlled by **Crop Rider LV-4D**.

Annuals	Biennials	Perennials
Dandelion	Mustard	Thistle
Crabgrass	Prospis	Wild radish
Barnyard	Field bindweed	Wild morning glory
Herbicide	Field bindweed	Wild radish
Wild radish	Prospis	Wild radish

For a complete list of weeds controlled by this product, consult the label.

### Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**Preparation of the Spray:** Fill the spray tank with half the required amount of water, then add the recommended amount of **Crop Rider LV-4D** with agitation and continue filling the spray tank with water. Use enough water per acre to give uniform coverage. The amount of water required for low volume applications may vary from 5 to 25 gallons per acre. For high volume applications, 100 gallons or more of water will be needed for good coverage. In any case, use the same amount of 2,4-D recommended per acre.

**Time of Application:** Best results are obtained when **Crop Rider LV-4D** is used on weeds that are young and in a rapid growing condition. Applications of lower rates to susceptible annual weeds usually will be satisfactory, but for perennial weeds and other conditions where kill is difficult, use higher rates. When used as a selective spray on crops, the stage of growth of the crop must be considered. Some woody plants and weeds are hard to kill and repeat applications may be necessary.

**Small Grain Crops (Wheat, Oats, Barley, Rye):** Apply **Crop Rider LV-4D** at the rate of 1/2 to 1 pint per acre in sufficient water for uniform coverage on small grains when fully tillered or started (4 to 8 inches tall) but before head emerges from the boot. Do not use on grains undersown with legumes such as alfalfa or clovers except where some legume injury can be tolerated. Do not apply when grain is headed.

Do not forage or graze treated grain fields within two weeks after treatment with 2,4-D.

**Corn: Preemergence -** Use **Crop Rider LV-4D** at the rate of 1 to 2 quarts per acre in sufficient water for uniform coverage. Best results are obtained when applied 3 to 5 days after planting but before corn emerges. Do not apply to light sandy soils. **Postemergence -** apply at the rate of 1/2 pint per acre. When spraying corn above 10 inches in height, use nozzle extensions (corn drops) directing the spray down to the base of the corn plant. Do not apply from tasseling to dough stage. Hybrids vary in tolerance to 2,4-D. Consult local agricultural authorities or seed producer to determine if use is safe in your particular hybrid.

**Sorghum:** Apply **Crop Rider LV-4D** at the rate of 1/2 pint per acre on plants 6 to 12 inches high when secondary roots are well established. Do not apply from flowering to dough stage.

### Pastures

For control of weeds in pastures, use **Crop Rider LV-4D** at the rate of 2 to 3 quarts per acre in sufficient water for uniform coverage. Do not apply when grass is in the early stage of growth. Do not apply to recently seeded pastures until grass is well established. Most legumes are not injured or killed at the rates recommended. For control of wild garlic and other weeds in pastures, apply 2 to 3 quarts per acre in very early spring and repeat annually until these weeds are eradicated.

Do not graze dairy animals on treated areas within 7 days.

**Lawns, Golf Courses and Similar Turf:** Apply 2 pints per acre of **Crop Rider LV-4D** in sufficient water to provide uniform coverage. Do not apply to newly seeded lawns until grasses become well established or on creeping grasses such as bent. For wild garlic and wild onion, apply 2 to 3 quarts per acre in very early spring each year for at least 3 years.

**For Treating Small Areas:** One tablespoonful of **Crop Rider LV-4D** in 100 gallons of water is about equal to 1 quart in 100 gallons of water.

**Woody Plant Control:** The control of 2,4-D susceptible woody plants such as willow, alder, birch, sumac, and elderberry in non-cropland or other waste areas, use 2 to 3 quarts in 100 gallons of water. Wet thoroughly all parts of the plants, including foliage and stems, to point of runoff.

**General Weed Control:** On vacant lots, roadsides, and along fence rows use 1 to 2 quarts of **Crop Rider LV-4D** in 100 gallons of water per acre. Thoroughly wet all foliage to runoff.

### Storage and Disposal

**Storage -** Do not contaminate water, food or feed by storage or disposal.

**Disposal -** Do not reuse empty container. Pesticide spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Triple rinse (or equivalent) container and offer for disposal in approved landfill or bury in a safe place. Open dumping is prohibited.

Consult federal, state or local disposal authorities for approved alternative procedures.

### 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.**

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