

## DIRECTIONS Continued

**GENERAL BROADLEAF CONTROL ON PASTURES AND ON NONCROP LAND**  
Do not graze dairy animals on treated areas for 7 days after treatment.

Do not apply when grass is in early boot to milk stage where grass seed production is desired.

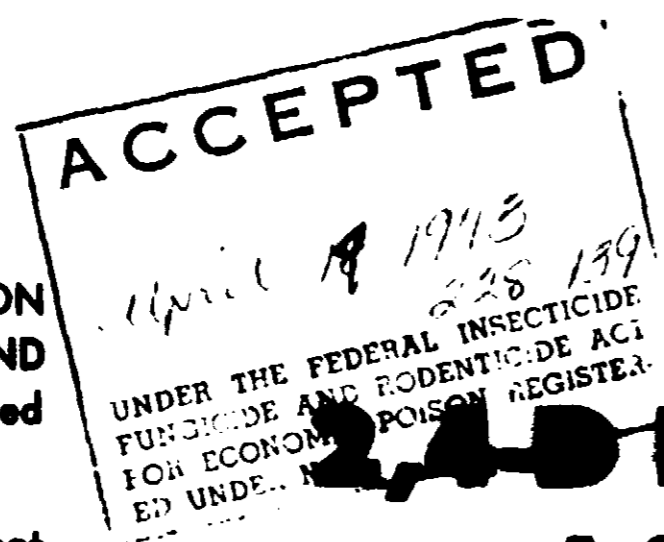
**Annual Weeds** — Most annual broad leaf weeds can be controlled with 1 to 1½ pints in 5 to 10 gallons of water per acre. Make application when weeds are young and actively growing. New seedlings of grass should not be treated until they are well established. For controlling annual weeds in farm yards, feed lots, fence rows along highways and similar locations use 1 quart in 5 to 10 gallons water per acre.

**Perennial Weeds** — Many of the perennial weeds in pastures, including ironweed, vervain, and the asters are moderately tolerant to 2,4-D. For control of these type weeds use 1 quart Riverdale 2,4-D Low Volatile Ester in 5 to 10 gallons water per acre. Make application not later than the bud stage and repeat treatment the following season.

E.P.A. Reg. No 228-139

1-18-75

RIVERDALE CHEMICAL COMPANY  
CHICAGO HEIGHTS, ILLINOIS



# Riverdale

## 2,4-D LOW VOLATILE ESTER A SELECTIVE WEED KILLER

Contains 4 Pounds 2,4-D Acid Per Gallon

### ACTIVE INGREDIENTS:

\*Isooctyl Ester of 2,4-Dichlorophenoxyacetic Acid 70.1%

INERT INGREDIENTS: 29.9%

TOTAL 100.0%

\*Equivalent to 46.5% 2,4-Dichlorophenoxyacetic Acid

**CAUTION: KEEP OUT OF REACH OF CHILDREN.**

See Other Precautions On Side Panels

## DIRECTIONS FOR USE

Riverdale 2,4-D Low Volatile Ester is especially prepared for use on crops and weeds where a susceptible crop in the near vicinity may be injured by a more volatile product.

**TREATMENT IN CORN AND SORGHUMS**—Use from ½ to 1 pint Riverdale 2,4-D Low Volatile Ester in 5 to 10 gallons water per acre. Time of application should be determined by weed growth with the ideal time after emergence of majority of weeds but before they have damaged the crop. The crop is most sensitive when growing fast and temperatures and moisture favorable for plant growth. As a general rule the crop is less susceptible from 2 inches up to 12 inches. Use drop nozzle when corn or sorghum is over 10 inches tall. Do not apply from tasseling to dough stage.

**TREATMENT IN SMALL GRAINS**—Wheat, oats, and barley, use from ½ to 1 pint of Riverdale 2,4-D Low Volatile Ester in 5 to 10 gallons water per acre for ground equipment and 2 to 3 gallons per acre with airplane application. Good results have also been obtained with airplane application using diesel oil as the diluent instead of water. Make application after the crop is fully tillered until jointing is under way. Stop treatment before boot stage is reached. Spraying in small grain is frequently desirable after the crop has reached the milk stage. At such time annual and perennial weeds often interfere with harvesting and produce seeds which lower quality of threshed grain. Under such conditions use from 1 to 1½ pints Riverdale 2,4-D Low Volatile Ester in 5 to 10 gallons water per acre. Ground equipment will cause some mechanical damage to the crop. When applying with plane use dosage in 2 to 3 gallons diesel oil. Do not forage or graze treated grain fields for two weeks after treatment. Do not use treated straw for livestock feed.

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## CAUTIONS

May cause skin irritation.

Harmful if swallowed.

Avoid contact with eyes, skin or clothing. In case of contact flush eyes with plenty of water. Wash skin with soap and water.

Avoid inhaling spray mist.

Do not graze dairy animals on treated areas for 7 days after treatment.

Do not use on light sandy soils.

This product will kill or seriously injure many desirable forms of vegetation. Do not apply directly to flowers, fruits, vegetables, grapes, ornamentals, cotton or other desirable plants. Do not use when there is hazard from drifting mists. (Coarse sprays are less likely to drift.)

Vapors from this product may injure susceptible plants in the immediate vicinity.

Avoid contamination of water used for domestic purposes and irrigation purposes. Excessive amounts of this product in the soil may temporarily inhibit seed germination and plant growth.

Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

Do not store near fertilizers, seeds, insecticides or fungicides.

Avoid contamination of feed and foodstuffs.

Do not reuse empty drums. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place. Do not burn.

Spray equipment used in applying this product should be thoroughly cleaned before using for any other purpose. Use repeated flushing with soap and warm water or suitable chemical cleaner. It is best to use a separate sprayer for application of insecticides and fungicides.

Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

**DO NOT Store with Foodstuffs.**

RIVERDALE CHEMICAL COMPANY