

BEST DOCUMENT AVAILABLE



FALLS CHEMICALS INC.

# LO-VOL 400 2,4-D WEED KILLER

- SUSCEPTIBLE WEEDS** (Use lower dosage rate)
- ARROWHEAD
  - BUCKHORN
  - COCKLEBUR
  - DANDELION
  - DOCK
  - KNOTWEED
  - LAMBSQUARTER
  - MUSTARD
  - MOONING/CLORY
  - POISON IVY
  - PLANTAIN
  - RAGWEED
  - SUNFLOWER
  - WILD CARROT
  - WILD RADISH
  - WILD SWEET POTATO
- WEEDS MORE DIFFICULT TO KILL** (Use higher dosage rate)
- BISSWEED
  - BUCKBRUSH
  - BUCKWHEAT
  - CANADA THISTLE
  - HORSE NETTLE
  - LOCOWEED
  - MILKWEED
  - POISON IVY
  - SHEEP SONNEL
  - HOARY CRESS
  - WILD ONION
  - WILLOW

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**  
 Harmful if swallowed. Do not get in eyes, on skin or clothing. In case of contact, wash with soap and water.

**ENVIRONMENTAL HAZARDS**  
 Follow directions carefully. Do not let spray drift to sensitive plants such as vegetables, legumes, grapes, flowers, cotton or other 2,4-D susceptible plants. Use coarse spray as there will be less chance for wind drift. Do not store near fertilizers, seeds, insecticides or fungicides. Do not contaminate water to be used for domestic or irrigation purposes. Local spray conditions will vary. Consult your local State Agricultural Extension Service for additional information consistent with label directions and cautions. Use separate spray equipment for insecticides and fungicides. Do not make serial applications near cotton or sensitive plants. Under certain high temperature conditions, vapors from this product will injure nearby susceptible plants. Do not apply to any area not specified on this label. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

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

**GENERAL INFORMATION—IMPORTANT!** Make sure that you double check your sprayer to see that it is properly calibrated before using this material. Improper tractor speed, pump pressure, nozzle tip size or rusty equipment will result in poor weed kill or possibly heavy crop damage. Read the label carefully and follow directions closely. See Caution Statement.

For many annual and perennial weeds in corn, wheat, sorghum, barley, rye, oats, roadsides, pastures, turf and lawn areas. It is more effective when used on small actively growing weeds. Temperature best for spraying range from 70° to 90° F. Do not apply if rain is expected within the hour. Use low pressure equipment (40 pounds) on crepe and turf. Garden type pressure sprayers work well on spot spraying.

**STORAGE AND DISPOSAL**

**PESTICIDE DISPOSAL:** Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other approved state and local procedures.

**APPLICATION INSTRUCTIONS**  
 Use the recommended rate of 2,4-D in sufficient water or other approved carrier listed on this label to cover one acre. More consistent results have been obtained when 5 to 20 gallons were used for ground application and 2 to 10 gallons were used for aircraft. Do not apply if rain is expected within the hour. Avoid drift of 2,4-D onto sensitive vegetation.

**Liquid Fertilizer Instructions:** For energy efficiency, weed and feed combinations of 2,4-D with certain liquid fertilizers can be used for foliar application on small grains, corn, pastures and turf. Follow the label directions for each product. Also consult your supplier or local Extension Service specialist. For Nitrogen Solutions, premix 1 part 2,4-D to 4 parts water and add to the Nitrogen Solution. For other liquid fertilizers, premix 1 part 2,4-D to 50 parts water and add to the liquid fertilizer. Maintain continuous agitation and apply the same day as mixed.

**SMALL GRAINS (WHEAT, BARLEY, RYE, OATS):**  
 Winter Wheat and Rye: Treat only in the Spring. Use 1/2 to 2 pints in sufficient water to cover one acre. Apply from tillered to the jointing stage.

Spring Wheat, Oats and Barley: Use 1/2 to 2 pints/acre for annual broadleaf weeds and up to 3 pints per acre for perennial weeds such as Canada Thistle and Field Bindweed. Rates over 2 pints may cause crop injury and should be used only if possible crop injury will be acceptable. Use higher dosage for hard-to-kill weeds. Treat when crop is fully tillered (4-6 inches high) up until early boot stage. Do not graze or feed forage from treated fields within 2 weeks after treatment. Do not feed treated straw to livestock.

**ACTIVE INGREDIENTS:**  
 \*Isocetyl ester of 2,4-Dichlorophenoxyacetic Acid 87.1%

**INERT INGREDIENTS** 32.9%

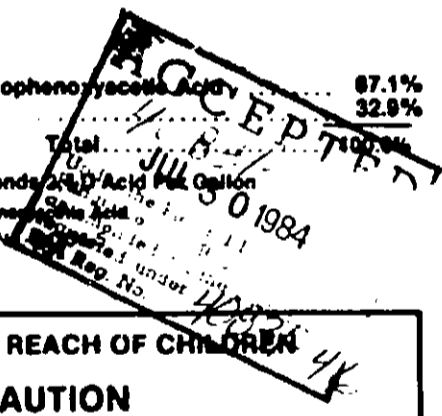
Total 100.0%

Contains 3.8 Pounds 2,4-D Acid Per Gallon

\*Equivalent to 44.54% 2,4-Dichlorophenoxyacetic Acid

Isomer Specific by AOAC Method No. 1103.01

EPA Reg. No. 40031-46



**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See Side Panel For Additional Precautionary Statements

EPA Reg. No. 40031-46 EPA Est. No. 40031-MT-01

**NET CONTENTS**  1  2 1/2  5  30  55 **GALLONS**

**CORN—PRE-EMERGENCE:** Mix 1 to 2 qts (average 1-1/2 qts) in 10 to 20 gallons water per acre for susceptible weeds and annual grasses such as Crabgrass and Foxtail. Apply as a broadcast spray 1 to 3 days before the corn emerges. Do not use on light sandy soils. Do not cultivate until necessary.

**CORN—POST-EMERGENCE:** May be applied to corn at several stages of growth. Use drop nozzles when corn is 10 inches and over. Do not apply from tillering to jointing stage. For spot spraying of weeds, such as thistles in corn, mix 1/2 cupful in 3 gallons water and wet weeds.

**EARLY SPRAYING:** When corn is 2 to 4 inches high, apply as soon as possible after most weeds have emerged. Use 1/2 pt per acre in sufficient water to give uniform coverage. Corn drop nozzles are not necessary at this time.

**LAY-BY SPRAYING:** When corn is 2 to 3 feet high, use 1/2 pt per acre. At this stage of corn growth, since stalks may become brittle from 2,4-D, there is always a chance that high winds may damage the crop 1 to 3 days after spraying. Use drop nozzles. Cultivation should be completed before applying this spray.

**HIGH CLEARANCE SPRAYING:** This is a useful spray, especially when weeds get started after Lay By. Use 1 pt per acre. Adjust spray nozzles to hit highest weeds.

**SORGHUM—POST-EMERGENCE ONLY:** Employ drop nozzles. Use 1/2 pt per acre. Sorghums are most tolerant to 2,4-D when 4 to 12 inches high. Spray a check plot first. Do not apply during flowering or early dough stage.

**HARD-TO-KILL WEEDS IN NON-CROP LAND:** For perennial weeds such as Sow Thistle and Russian Knapweed (see list) in drainage ditchbanks, fence rows and farm roadsides, use 2 to 3 pts in 20 gallons water with 5 to 8 oz. liquid detergent and thoroughly wet weed foliage. Do not let spray drift. Treat in spring and again at bloom time before weeds go to seed. Repeat the following year.

**PASTURES AND TURF:** Use 1 qt in 10 gallons water per acre. Apply early in summer when plants are actively growing. Treat again in bud stage before weeds go to seed. **CAUTION:** On dairy pastures remove cows during spray application and do not allow them access to the treated areas for 7 days thereafter. For lawns use 1 1/2 table-spoons per gallon for 1,000 sq. ft. Repeat as needed for control. Do not spray near lawns until after first cutting. Clover may be damaged with this spray. Do not use on Bentgrass, St. Augustine Grass, Dichondra or Carpetgrass lawns.

**WOODY PLANTS:** For plants such as Sumac, Willow and Buckbrush in fence rows, pastures and drainage ditches, use 1 to 2 qts in 100 gallons water with 5 to 8 oz. of liquid detergent. Wet plants thoroughly. Apply when actively growing and treat the following year.

**NOTICE:** This product shall conform with quantities and formulas indicated hereon, within accepted tolerances as permitted by appropriate governmental authorities, and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. No warranty extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable by Falls Chemicals Inc. In no case shall Falls Chemicals Inc. be liable for consequential, special or indirect damages resulting from use or handling of this product. All such risks shall be assumed by buyer. **FALLS CHEMICALS INC. MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESSED OR IMPLIED WARRANTIES EXCEPT AS STATED ABOVE.**

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