

ALBAUGH CHEMICAL CORPORATION
726 S.E. CREEKVIEW DR. ANKENY, IOWA 50021

with comments
1982

42750-5

LOWOL 4D

Herbicide

Active Ingredient: Isooctyl ester of 2,4-dichlorophenoxyacetic acid	66.8%
Inert Ingredients:	33.2%
Total:	100.0%

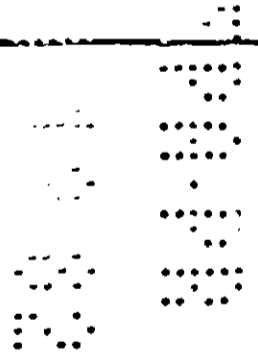
2,4-dichlorophenoxyacetic acid equivalent: 44.3%, 3.8 lbs/gal.
Former specific by AOAC Method. 6. D01-5 (12th ed.)

Keep Out of Reach of Children

CAUTION

Only for Sale To, Use and Storage by Agricultural Personnel or Commercial Applicators
See side panel for additional precautionary statements

BEST DOCUMENT AVAILABLE



Precautionary Statements
Hazards to Humans and Domestic Animals

Caution

- Harmful if swallowed or absorbed through the skin.
- Avoid contact with eyes, skin or clothing.
- Avoid breathing spray mist.
- Wash thoroughly after handling.
- Keep container closed.
- If swallowed do not induce vomiting.
- If vomiting occurs, spit immediately. Keep breathing clear.
- Never give anything by mouth to an unconscious person. Seek medical attention.
- In case of contact:
 - immediately flush eyes with plenty of water for at least 15 minutes holding eyes open to ensure flushing of the entire surface. Seek medical attention.
 - wash exposed skin gently with plenty of soap and water. Seek medical attention.

Environmental Hazards

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. 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 Lo-Vol 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 2,4-D or isopropyl esters at high temperatures (above 85°F), vapors from this product may injure susceptible plants growing nearby. Do not use in a residential area. 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.

Lo-Vol 4D

Read entire label before using this product

General information

Lo-Vol 4D is a selective herbicide recommended for the control of many broadleaf weeds in corn, sorghum, alfalfa, soybeans, cotton, tobacco, beans, and similar areas.

Lo-Vol 4D may be combined with liquid nitrogen fertilizer for use in corn and sorghum for weed control and nitrogen nutrition. Do not combine with phosphorus and potassium fertilizers. Do not combine with liquid nitrogen fertilizer. Do not combine with liquid nitrogen fertilizer. Use Lo-Vol 4D in combination with liquid nitrogen fertilizer for the control of weeds in corn. See preparation of the spray for mixing Lo-Vol 4D with liquid nitrogen fertilizers.

The following is a partial list of weeds controlled by Lo-Vol 4D:

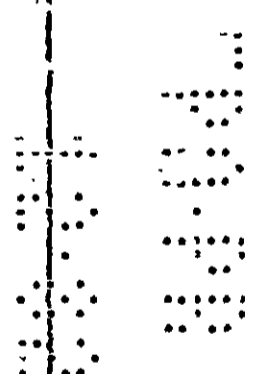
Beggartick	Knotweed	Shepherd's-purse
Burdock	Kochia	Sicklepod
Butterweed	Lamb-quarters	Smartweed
Blueweed, Texas	Mallow	Southistle, annual
Brownweed	Marijuana	Sunac
Buckbrush	Milkweed	Sunflower
Burdock	Morning glory	Tansy mustard
Canada thistle	Musk thistle	Tansy ragwort
Carpelweed	Mustards	(rosette)
Chicory	Nettle, stinging	Tumbleweed
Cocklebur	Pennycress	Velvetleaf
Coffeeweed	Pennywort	Vervain
Coyotebrush	Peppergrass	Vetch
Dandelion	Figweed	Wild carrot
Dock	Plantain	Wild garlic
Dogfennel	Poorage	Wild hemp
Elderberry	Puncturevine	Wild onion
Gamboge	Pursley, Florida	Wild radish
Goldenrod	Ranweed	Willow
Henbit	Russian thistle	Witchweed
Jimsonweed		Yellow rocket

Note: Local conditions, crop varieties and application regulations vary and may affect use of this herbicide. Consult local agricultural experiment station or extension service weed specialists and state regulatory agencies for recommendations in your area.

Aerial application may be of use for control of weeds on certain crops where there would be no danger of drift to susceptible crops. Applications should only be made by applicators experienced in the use of 2,4-D formulations. Regulations governing aerial application of herbicides are in effect in many states. Consult local regulatory agencies concerning requirements before making applications.

Treating Small Areas: One tablespoonful of Lo-Vol 4D in 1 1/2 gallons of water is about equal to 1 quart in 100 gallons.

Note: When stored at temperatures below freezing it may be necessary to warm contents to 45°F and mix thoroughly before using.



Lawn, Golf Courses and Similar Turf: Apply 2 pints of Lo-Vol 4D to newly seeded lawns and established lawns. May 1st through August 31st. Apply 1 pint to August 1st through August 31st. Apply 1 pint to August 1st through August 31st. Apply 1 pint to August 1st through August 31st.

Woody Plant Control: This is a 2,4-D susceptible woody plant such as... Apply 1 quart of Lo-Vol 4D... Water... Apply 1 quart of Lo-Vol 4D... Water... Apply 1 quart of Lo-Vol 4D... Water... Apply 1 quart of Lo-Vol 4D... Water...

General Weed Control: This is for weeds in... Apply 1 quart of Lo-Vol 4D... Water... Apply 1 quart of Lo-Vol 4D... Water... Apply 1 quart of Lo-Vol 4D... Water... Apply 1 quart of Lo-Vol 4D... Water...

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Ground disposal is prohibited.

Pesticide Disposal: Pesticide spray mixture or concentrate cannot be used. According to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

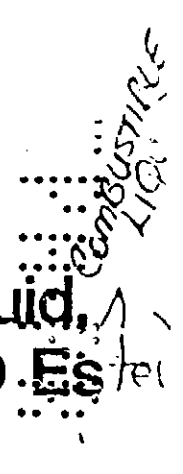
Container Disposal: Do not reuse empty containers. Triple rinse (or equivalent) and offer for recycling or reconditioning or disposal in a sanitary landfill, or by other approved State and local procedures.

Warranty and Limitation of Damages

Seller warrants that the 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.

for below
30 and 55 gallon cartboards only

Compound Tree or Weed Killing Liquid,
NA 1993, RQ (2,4-D Ester)



BEST BUY

ALBAUGH CHEMICAL CORPORATION

728 S.E. CREEKVIEW DR. ANKENY, IOWA 50021

LO-VOL 4D

LO-VOL 4D

FOR USE ON MILD CORN AT PREHARVEST
(BROWN SILK STAGE)

Directions For Use

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

Apply LO-VOL 4D, 1 pt. to 2 pts per acre, with air or ground equipment after the hard dough (dent stage) to suppress weeds that interfere with harvest such as bindweed, cocklebur, doobane, jimsonweed, ragweed, sunflower, velvetleaf and certain other broadleaf weeds, and to decrease production of weed seeds. The high rate should be used on difficult-to-control weeds growing under stress conditions.

NOTE: It is important to read and observe the cautionary statements and all other information appearing on the LO-VOL 4D label. Use only as directed.

NOTE: This labeling must be in the possession of the user at the time of pesticide application.

Warranty and Limitation of Damages: The manufacturer warrants that the material conforms to its label description and is reasonably fit for the purpose stated on the label when used in accordance with the label directions. The manufacturer does not warrant the effectiveness of the product against any specific weeds or insects. Seller makes no other express or implied warranty, including any other express or implied warranty, of fitness or other quality, and no agent of seller is authorized to do so except in writing with a specific reference to this warranty.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

4. Make any appropriate commitments described in the 3(c)(2)(B) Notice concerning products containing 2,4-D.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Richard F. Mountfort *RFM*
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767)

Enclosure