



BROADLEAF HERBICIDE

A special formulation containing 2,4-D acid.

ACTIVE INGREDIENTS:

2,4-Dichlorophenoxyacetic acid	13.8%
2,4-Dichlorophenoxyacetic acid, isopropoxyethyl ester	24.5%

INERT INGREDIENTS:

Isomer specific by AOAC method No. 6 D01-5	61.7%
Total 2,4-dichlorophenoxyacetic acid equivalent	
30.8% by weight or 2.8 pounds per gallon	

EPA Reg. No. 264-37AA

EPA Est. No. 264-MO-01

WARNING - AVISO: Keep out of reach of children.

Precautionary statements: See inside booklet.

Precaucion Al Usuario: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.
(Translation: To the User: If you cannot read English do not use this product until the label has been fully explained to you.)

**IN CASE OF EMERGENCY, TELEPHONE COLLECT
(24 HOURS A DAY) IN U.S.A. (304) 744-3487**

UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.
P.O. Box 12014 T.W. Alexander Drive Research Triangle Park, N.C. 27709
Weedone and UNION CARBIDE are registered trademarks.

CONTENTS: 2.5 GAL
DO NOT DETACH BOOKLET FROM CONTAINER

GENERAL INFORMATION

WEED CONTROL IN CORN

One thorough shallow cultivation is recommended when corn is 10-12 inches high

Apply spray when corn is 18 to 24 inches high

Use drop pipes to direct spray away from corn leaves and onto weeds at the base of the corn

Use 1 pint WEEDONE 638 Broadleaf Herbicide in 30 gallons of water for each acre sprayed

2,4-D may cause brittleness to corn. Winds or cultivations may cause stalk breakage while brittle

Certain single cross corn hybrids may be more susceptible to 2,4-D injury than others

Combination with nitrogen solutions:

Use 14 fluid ounces (7/8 pint) WEEDONE 638 Broadleaf Herbicide per acre, mixed with the amount of nitrogen solution required to apply the pounds of nitrogen you want per acre

Pour liquid nitrogen into the spray tank, then add WEEDONE 638 Broadleaf Herbicide. Mix thoroughly before spraying and maintain good bypass agitation while spraying

MIXING SPRAYS

Add the required amount of water to the spray tank. Start agitation. While agitating, slowly add WEEDONE 638 Broadleaf Herbicide. Mix thoroughly. Whenever practical, maintain continuous agitation and use spray material as soon as possible after mixing

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

WARNING

Harmful if swallowed. Avoid contact with skin, eyes, or clothing.
May cause eye irritation.

STATEMENT OF PRACTICAL TREATMENT

In case of contact wash skin with soap and water. For eyes flush with water for at least 15 minutes and get medical attention.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

STORAGE AND DISPOSAL

Do not store near fertilizers, seeds, insecticides, or fungicides. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency of the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal

Triple Rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

DIRECTIONS FOR USE

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

Do not contaminate water used for irrigation or domestic purposes. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Avoid spray drift to susceptible plants such as cotton, beans, peas, ornamentals, and most vegetables, as injury may occur. Coarse sprays are less likely to drift.

Under very high temperature, vapors from this product may injure susceptible plants in the immediate vicinity. Do not use in or near a greenhouse.

Do not use this product for purposes other than those recommended on this label.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants that this product conforms to the chemical description on the label, that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions, and that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

This warranty does not extend to, and the Buyer shall be solely responsible for, any and all loss or damage which results from the use of this product in any manner which is inconsistent with the label directions, warnings, or cautions.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF OR THE REPAYMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

DIRECTIONS

WEEDONE 638 Broadleaf Herbicide is a special formulation containing 2,4-D acid. WEEDONE 638 Broadleaf Herbicide is more effective than 2,4-D amines for controlling hard-to-kill weeds such as field bindweed (morningglory), Russian knapweed, Canada thistle, leafy spurge, cattails, tules, and nutgrass.

ROADSIDES, FENCEROWS, DRAINAGE DITCH BANKS

Spray when daytime temperatures are lower than 80 to 85 degrees. Spraying when temperatures are higher may cause rapid foliage burn and decrease the effectiveness of WEEDONE 638 Broadleaf Herbicide. Treat at the stage of growth recommended below. Wet weeds thoroughly, applying about 150 to 300 gallons of spray mixture per acre, depending on the stand of weeds and spray equipment used. Where necessary, repeat applications should be made on active regrowth when it develops.

WEEDS	quarts WEEDONE 638 per acre	WHEN TO SPRAY
field bindweed (morningglory), hoary cress	2	bud to full bloom
leafy spurge, Russian knapweed	2	full bloom
Canada thistle, camelthorn, lotus	2	bud to early bloom
cattails, tules	3	late spring to early summer when 4 to 6 feet tall; repeat in fall and following spring
fairy ragwort	3	rosette stage
nutgrass	3	6 to 8 inches high, before bloom; repeat when regrowth is 6 to 8 inches high

PASTURES, FALLOW AREAS, TURF

	Amount per Acre		REMARKS
	quarts WEEDONE 638	gallons WATER	
field bindweed (morningglory)	1½	50	for boom spraying*
	1½	10	for aerial spraying*
			*Treat during early to full bloom

Fallow land treated with WEEDONE 638 Broadleaf Herbicide in the spring or summer can be returned to crops in the fall or following spring. Do not graze livestock for seven days after spraying pastures.

with this product. Do not use on newly seeded turf until grass has been cut several times. WEEDONE 638 Broadleaf Herbicide may injure bentgrass, St. Augustine grass, dichondra, carpetgrass, and clover lawns.

CROPPED AREAS

CROP	Amount WEEDONE 638 per acre	WHEN TO SPRAY
Wheat* (Early)		
annual broadleaf weeds	1 pint	Apply after grains are fully tillered 14 to 16 inches tall but before they are in the boot stage.
perennial broadleaf weeds	2 pints	Apply when weeds are in the bud stage if possible but do not spray after grains are in the boot to dough stage.
		*Treat fall planted wheat in the spring after grains are fully tillered but before they are in the boot stage.
Grain Sorghum		
annual broadleaf weeds	1 pint	
perennial broadleaf weeds	1½ pints	Treat when sorghum is 6 to 10 inches tall.

Do not forage or graze treated grain fields within two weeks after treatment with this product. Do not feed treated straw to livestock.

Among the weeds controlled are:

Annuals: lambsquarters, pigweed, mustard, kochia, and Russian thistle.

Perennials: bindweed (morningglory), Canada thistle, blueweed, bur ragweed, alkali mallow.

Use low pressure sprayers (25 to 40 psi) and apply in a minimum of 5 to 10 gallons of water per acre.

027 50 1984

Mr. Warren A. Davis
Union Carbide Agricultural Products
Company, Inc.
P.O. Box 12014
T. W. Alexander Drive
Research Triangle Park, NC 27709

Dear Mr. Davis:

Subject: Amendment/Label Revision
Weedone 532 Broadleaf Herbicide
EPA Registration No. 254-37
Your Application Dated July 6, 1983

The amendment referred to above, submitted in connection with
Registration under FIFRA, is acceptable, provided that you:

1. Make the labeling changes listed below before you release the
product for shipment bearing amended labeling:
 - a. On the front panel and in the precautionary statements,
change WARNING to DANGER based on the results of the rabbit
eye irritation study. (Note: The eye irritation study using
to cynomolgus monkeys is considered supplementary data since
at least six animals were not used.)
 - b. Under Hazards to Humans and Domestic Animals, change "May
cause eye irritation" to "Causes eye damage."
2. Submit five (5) copies of your final, printed labeling before you
ship the product for shipment.

A marked copy of the label is enclosed for your records. We are
accepting this amendment based on your submission of data pursuant to 40
CFR 162.10(b). The precautionary text is prescribed in the regulation at
162.10(c).

SYMBOL									
NAME									
DATE									

EPA Form 332-1-82

OFFICIAL FILE COPY

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For future reference the skin and eye irritation studies in rabbits have been assigned EPA Accession No. 250829 and the eye irritation study in monkeys has been assigned EPA Accession No. 250830.

Sincerely yours,

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

Enclosure

RD:MOUNTFORT:DCR-25923:WANG-0611C:HK:Raven:479-2013:9/27/83