

68292-2

2-28-2000

1/11



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
68292-2

Date of Issuance:  
FEB 28 2000

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Term of Issuance:  
Conditional

Name of Pesticide Product:  
WEEDAXE Herbicide

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

EDM Corporation  
2278 S. Indiana  
Porterville, CA 93257

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes before you release the product for shipment:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 68292-2".
- b. Delete the bullet with the phrase "For exposures in enclosed areas" from the list of Personal Protective Equipment.
- c. Revise the chart entitled "Active Ingredient 2,4-D acid per volume of WEEDAXE" present at the end of the Product Description section by adding the word "acid" to the top of the right-hand column, so that it reads "Amount of 2,4-dichlorophenoxyacetic acid".

Signature of Approving Official:

Date:

FEB 28 2000

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

2/11

page 2  
EPA Reg. No. 68292-2

3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

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.

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

Enclosure

DK: 305-7546: HB/PM23		CONCURRENCES						
SYMBOL	7505C							
SURNAME	D. KENNY							
DATE	2/24/2000							

3/11

# WEED AXE®

## HERBICIDE

**ACTIVE INGREDIENT:**

\*Dimethylamine salt of 2,4-Dichlorophenoxyacetic Acid.....2.17%

**INERT INGREDIENTS**.....97.83%

**TOTAL**.....100.00%

\*2,4-Dichlorophenoxyacetic acid equivalent 1.80% by weight or 0.14 lbs per gallon.

**WARNING:**

**KEEP OUT OF REACH OF CHILDREN**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

**IF SWALLOWED:** Call a physician or Poison Control Center. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. If person is unconscious, do not give anything by mouth. Avoid alcohol.

**IF INHALED:** If overcome by vapor, remove from exposure area and call a physician immediately.

**IF IN EYES:** Hold eyelids open and flush with steady, gentle stream of water for 15 minutes. Get medical attention.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

Manufactured by: EDM Corp  
P.O. Box 8552  
Porterville, CA 93257

NET CONTENT: 2 1/2 Gal  
EPA Reg. No. 68292-00002

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

FEB 28 2000

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
68292-2

4/11

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS  
AND DOMESTIC ANIMALS  
WARNING AVISO**

Causes substantial but temporary eye injury or skin irritation. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing.

**PERSONAL PROTECTIVE EQUIPMENT**

**Applicators and other handlers must wear:**

- \* Coveralls over long-sleeved shirt and long pants.
- \* Chemical-resistant (such as nitrile or butyl) gloves.
- \* Chemical-resistant footwear plus socks.
- \* Protective eyewear.
- \* Chemical-resistant apron when mixing or loading.
- \* For exposures in enclosed areas.
- \* For exposures outdoors, a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).
- \* During aerial application, human flag-waver must be in enclosed cabs.
- \* Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and Wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.

**ENGINEERING CONTROL STATEMENTS**

When handlers use enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR part-170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

**USER SHOULD:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handler may be in the area during application. For requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by Worker Protection Standard.

Do not enter or allow workers entry into treated areas during the restricted-entry interval (REI) of 48 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- \* Coveralls over long-sleeved shirt and long pants.
- \* Chemical-resistant (such as nitrile or butyl) gloves.
- \* Chemical-resistant footwear plus socks.
- \* Protective eyewear.

**ENVIRONMENTAL  
HAZARD STATEMENTS**

Drift or runoff may adversely affect nontarget plants. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water marks. Do not contaminate water when disposing of equipment wash waters.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides as such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**STORAGE AND DISPOSAL**

**STORAGE:** Do not store near heat or open flame. Keep upright in a cool place in original container.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or 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 if in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**IN CASE OF SPILLS:** Recover all material practical for use. Soak up balance with sand, dirt or absorbent, and haul to approved land fill, check local regulations.

5/11

**EDM Corp**  
**WEEDAXE®**  
**Herbicide**

**PRODUCT DESCRIPTION**

Testing has shown that **WEEDAXE®** herbicide, in combination with other EPA registered herbicides in tank mixes, provides the ability to control difficult and resistant weeds. **WEEDAXE®** with additional herbicides, is a general post-emergent, non-selective, systemic, foliar-contact herbicide. When mixed with water and applied as a spray, **WEEDAXE®** gives effective control of many annual and perennial broadleaf weeds. **WEEDAXE®** with additional herbicide is to be applied from tank mixes after dilution and thorough mixing with water. This mixture can be used on weeds of any size, provided that a maximum of 64 fl.oz. per season is not exceeded. Refer to label tables for specific tank mixing, spray, rate and timing directions. Successful control will depend upon other herbicides used in combination tank mixes with **WEEDAXE®** herbicide, type of weeds, timing, temperature, and application skills.

**Active Ingredient 2,4-D acid per volume of WEEDAXE®:**

<b>WEEDAXE®</b>	<b>Amount of 2,4-dichlorophenoxyacetic</b>
1 quart	0.035 lb.
2 quarts	0.07 lb.
1 gallon	0.14 lb.

**GENERAL USE DIRECTIONS**

This product is recommended for use in most geographic locations of the United State, regardless of humidity or lack of rain fall and at elevations. It is recommended for use on grapes, pome fruits (apples and pears), nut-orchard floors, rye, stone fruits, sugarcane, and certain non-crop uses (golf courses, parks, turfgrass, railroads, and drainage ditches). Use appropriate spray nozzles to obtain the best coverage with minimum distance from target weeds. Apply to weed growth so that coverage is uniform and complete, but not to the point of run-off. Do not apply during rain. Apply when conditions allow spray to dry on foliage.

**PRECAUTIONS FOR VULNERABLE CROPS**

This product should not be used on vulnerable crops such as cotton and pomegranates. Please be reminded that this product contains 2,4-D and should be used only as recommended. It may prove harmful when misused. Avoid spraying near crops, plants, or trees if wind moves at or above 5 mph, or in their direction. Avoid herbicide spraying if crops and planting are under stress conditions. **WEEDAXE®** tank mix is for use in State where approved for spraying. Consult local and state authorities concerning restrictions.

**GENERAL RESTRICTIONS AND LIMITATIONS**

- Do not apply more than 64 fluid ounces per season.
- Do not apply to crops listed on this label that have been subjected to stress conditions such as drought, flooding, extreme diseases, nematodes, insects, where crops injury could result. Likewise with non-actively thriving weeds, control may be reduced.
- Do not apply if rain is threatening. Rainfall soon after application can reduce effectiveness.
- Do not apply through any type of irrigation system.
- Do not use treated plants for livestock feed.
- Do not use tank mixes other than listed on a label or technical bulletins. After mixing, spray within 8 hours. Do not cultivate or disturb sprayed ground for at least 7 days after spray application. Avoid applying where spray can reach young tender growth.

**MIXING AND SPRAYING**

Fill clean spray tank 2/3 full with clean water and add the recommended amount of WEEDAXE® herbicide while the agitator is running. Allow to thoroughly mix with additional herbicide and add anti-foaming agents. (Refer to product label for amount). After mixing, add the remaining amount of water. For additions to the mix material, see respective compounds' labeling. Maintain consistent agitation during application.

**Notice:** To avoid subsequent injury to other crops, clean the sprayer before and after application.

**Cleaning the Sprayer:** Fill with clean water. Add commercial spray tank cleaner, as recommended on its label. Circulate and clean all parts, drain the tank and rinse total system as many times as needed to be thoroughly clean. Do not contaminate water when disposing of equipment wash waters.

**GENERAL WEEDS LIST:**

WEEDAXE® herbicide combined with other herbicides gives control or growth suppression on following:

**Broadleaf Weeds:**

African Daisy	Hairy fleabane	Mustard	Puncturevine
Carrot, wild	Lambquarters	Nettles	Spurge
Common groundsel	Lettuce, wild	Nightshade, hairy	Sowthistle
Fiddleneck	Malva	Nutsedge	Thistle, bull
Filaree	Marestail	Pigweed	Thistle, russian
Kochia	Morning-glory, annual	Prickly, lettuce	Tumbleweed

**APPLICATIONS**

- WEEDAXE® herbicide should be applied at a rate of 32 fl.oz. per acre when weeds are small (e.g., 2-leaf stage) and growing actively before the bud stage. Do not exceed 64 fl.oz. / acre / season. Apply at the rate of 5 to 100 gallons of water per acre application and a minimum of 20 to 30 psi pressures for adequate coverage. Spray when weeds are actively growing.
- Always read and follow all label directions for tank mixes. Refer to individual use sections for additional Precautions, Restrictions, Application rates and timings.

7/11

• WEEDAXE<sup>®</sup> is effective at 32 fl.oz. of product per acre as a tank mix. Do not exceed 4 pints per acre per crop year.

Crops	WEEDAXE <sup>®</sup> fl.oz. per acre	Preharvest Interval: (PHI)
Grapes	32	40 days
<b>Pome fruits:</b> Apples, and Pears	32	40 days
<b>Nut-orchard floors</b>	32	60 days
<b>Rye:</b> Forage, and Grain	32	7 days. Do not spray grain in the boot to dough stage.
Stone fruits	32	40 days
Sugarcane	32	7 days

### SPECIFIC DIRECTIONS

#### GRAPES:

WEEDAXE<sup>®</sup> is effective at 32 fl.oz. of product per acre per application. (Equivalent 0.035 pounds of acid /acre). Make one directed application. Grapes are highly sensitive to 2,4-D. Do not allow spray to contact fruit, foliage, exposed roots, stems or lower limbs of vines. Do not spray bare ground. Use flat, fan-type nozzles and low pressures. Do not apply during periods of extremely high temperatures. Apply after irrigation and allow the maximum time before the next irrigation (at least three days). Grape vineyards should be at least three (3) years old or older and well established. Do not apply to newly established or young vineyards. Avoid applying where spray can reach bloom. Do not harvest these grapes within forty (40) days of application.

#### POME FRUITS (APPLE AND PEAR):

WEEDAXE<sup>®</sup> is effective at 32 fl.oz. of product per acre per application. (Equivalent 0.035 pounds of acid /acre) as a broadcast treatment to the orchard floor. Do not allow spray to contact fruit, foliage, exposed roots, stems or lower limbs of trees. Do not spray bare ground. Use flat, fan-type nozzles and low pressures. Do not apply during periods of extremely high temperatures. Apply after irrigation and allow the maximum time before the next irrigation (at least three days). Do not apply to newly established or young orchards. Trees should be at least one (1) year or older. Avoid applying where spray can reach bloom. A maximum of two (2) broadcast application may be made per crop. Allow at least 75 days between applications. Do not harvest within forty (40) days of application. Do not graze or feed cover crops from treated orchards to livestock.

**NUT-ORCHARD FLOORS:**

**WEEDAXE®** is effective at 32 fl.oz. of product per acre per application. (Equivalent 0.035 pounds of acid /acre) as a broadcast treatment to the orchard floor. Do not allow spray to contact fruit, foliage, exposed roots, stems or lower limbs of trees. Do not spray bare ground. Use flat, fan-type nozzles and low pressures. Do not apply during periods of extremely high temperatures. Apply after irrigation and allow the maximum time before the next irrigation (at least three days). Do not apply to newly established or young orchards. Trees should be at least one (1) year or older. Avoid applying where spray can reach bloom. A maximum of two (2) broadcast application may be made per crop. Do not harvest these tree nuts within sixty (60) days of applications. Do not graze or feed cover crops from treated orchards to livestock.

**RYE (FORAGE, AND GRAIN):**

**WEEDAXE®** is effective at 32 fl.oz. of product per acre per application. (Equivalent 0.035 pounds of acid /acre) as a broadcast treatment to the grains. Apply after crop begins tillering and before the boot stage. Do not apply to grains underseeded with legumes. Do not apply before tiller stage or from early boot to milk stage. Do not spray grain in the boot to dough stage. Do not graze or feed forage from treated fields within fourteen (14) days after treatment. A maximum of two (2) application may be made per crop. Do not harvest these grain within seven (7) days of application.

**STONE FRUITS:**

**WEEDAXE®** is effective at 32 fl.oz. of product per acre per application. (Equivalent 0.035 pounds of acid /acre) as a broadcast treatment to the orchard floor. Do not allow spray to contact fruit, foliage, exposed roots, stems or lower limbs of trees. Do not spray bare ground. Use flat, fan-type nozzles and low pressures. Do not apply during periods of extremely high temperatures. Apply after irrigation and allow the maximum time before the next irrigation (at least three days). Do not apply to newly established or young orchards. Trees should be at least one (1) year or older. Avoid applying where spray can reach bloom. A maximum of two (2) broadcast application may be made per crop. Do not harvest these tree nuts within forty (40) days of applications. Do not graze or feed cover crops from treated orchards to livestock.

**SUGARCANE:**

**WEEDAXE®** is effective at 32 fl.oz. of product per acre per application. (Equivalent 0.035 pounds of acid /acre) as a broadcast treatment to the sugarcane. Apply through layby. A maximum of two (2) application may be made per crop. Do not harvest these sugarcane within seven (7) days of application.



9/11

**RECOMMENDED TANK MIXES**

- Always read and follow all label directions for tank mixes in combination with other herbicides. Refer to individual herbicide use sections for additional Precautions, Restrictions, and Application rates.
- **WEEDAXE® for weed control in herbicide combination with the following crops:**

Crops	Weedaxe fl.oz/acre	Glyfos, Roundup, Touchdown. lbs per acre	Preharvest Interval:(PHI)
<b><u>Pome fruits:</u></b> Apple, and Pear	8 fl.oz/acre	1.0-3.0 lbs	40 days
<b>Nut-orchard floors</b>	8 fl.oz/acre	1.0-3.0 lbs	60 days
<b><u>Rye:</u></b> Forage, and Grain	8 fl.oz/acre	1.0-3.0 lbs	7 days
<b>Stone fruits</b>	8 fl.oz/acre	1.0-3.0 lbs	40 days
<b>Sugarcane</b>	8 fl.oz/acre	1.0-3.0 lbs	7 days

**SPOT TREATMENT SPRAY DIRECTIONS**

- Weedaxe may be used as a spot spray application to control weeds in golf courses, parks, turfgrass, railroads, and drainage ditches. Spray to wet target weeds thoroughly.
- Control spray drift using nozzles that provide the largest size droplet consistent with adequate and uniform coverage. When applying as a spot spray use sufficient material to obtain thorough coverage of weeds.
- Always read and follow all label directions for tank mixes in combination with other herbicides. Refer to individual herbicide use sections for additional Precautions, Restrictions and Application rates.

**APPLICATION AND MIXING:**

WEEDAXE® may be applied with a backpack sprayer. Follow the table below for determining the mix ratio.

SPRAYER CAPACITY- water gallons:	Amount of WEEDAXE® ounces to add to full tank:
1.0 gal.	1.0 fl.oz.
2.0 gal.	2.0 fl.oz.
3.0 gal.	3.0 fl.oz.

**Hand-held and High-Volume Equipment Ratio:**

<b>WEEDAXE®</b>	<u>Additional Herbicides:</u> <b>Glyfos®, Roundup®, Touchdown®</b>	<b>WATER</b>
½ gallon	1½ gal to 4 gal	100 gallons

• Always read and follow all label directions for tank mixes in combination with other herbicides. Refer to individual herbicide use sections for additional Precautions, Restrictions and Application rates.

**NON-CROP USE ORNAMENTAL LAWNS AND RESIDENTIAL:**

Golf courses, parks, grass, and turfgrass, railroads, and drainage ditches.	Herbicides to combine with <b>WEEDAXE®</b> herbicide in tank mixture: <b>Glyfos®, and Roundup® Pro or Ultra.</b>	Do not enter treatment area until sprays have dried.
-----------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------	------------------------------------------------------

• OBSERVE ALL PRECAUTIONS GIVEN. READ AND FOLLOW ALL MIXING AND APPLICATION INSTRUCTIONS. DO NOT MAKE REPEAT APPLICATIONS FOR 30 DAYS.

**FORESTRY USE (FOREST SITE PREPARATION)**

Use 6 to 8 fluid ounces of product in 5 to 100 gallons of water per acre. Dosage rates per acre depend on the density of brush and/or weeds. For small broadleaf weeds, use the lower rate. Heavy dense stands of brush require the higher rate with higher water volume. To effectively control brush, all leaves, stems, and suckers should be thoroughly wetted to the ground. Apply when plants come into full leaf (spring) to the time plants begin to go dormant. Best results are obtained when brush and broadleaf weeds are young and actively growing. Do not cut brush until the herbicide has translocated throughout the plant causing root death. Do not apply as a stand release or cover spray to established conifers as injury may result.

**RECOMMENDED TANK MIXES FOR FOREST SITE PREPARATION**

• Always read and follow all label directions for tank mixes in combination with other herbicides. Refer to individual herbicide use sections for additional Precautions, Restrictions, and Application rates.  
• **WEEDAXE** for weed control in herbicide combination with the following:

Application	Weedaxe fl.oz/acre	Accord qts/acre	Water
Aerial	6 to 8 fl.oz/acre	2 to 10 qt/acre	5 to 25 gal/acre
Ground	6 to 8 fl.oz/acre	2 to 10 qt/acre	10 to 100 gal/acre

**AERIAL SPRAY (FOR FORESTRY USE ONLY)**

Use 5 to 25 gallons of spray solution per acre as a broad cast spray. WHILE SPRAYING, A BUFFER ZONE MUST BE MAINTAINED TO PROTECT UNINTENDED VEGETATION: VARIOUS CONDITIONS, INCLUDING WINDY CONDITIONS AND AIR INVERSIONS, MAY CAUSE DRIFT AND WILL CAUSE DAMAGE TO ANY CONTACTED VEGETATION. USE STRAIGHT STREAM NOZZLES DIRECTED STRAIGHT BACK AND USE A SPRAY BOOM NO LONGER THAN ¼ THE WINGSPAN OF THE AIRCRAFT.

11/11

**SPECIFICATIONS FOR WARRANTY AND SALE**

There is no warranty expressed or implied, concerning the use of this product other than indicated on the label. The buyer assumes all risk of liability for any and all claims, losses, damages, or injuries resulting from the use, handling and storage that are contrary to label instructions. The Directions for Use of this product are believed to be reliable and should be followed carefully. All such risks will be assumed by Buyer and User, and Buyer and User agree to hold Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label, subject to the inherent risks referred to above, when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller and Buyer and Users assume the risk of any such use.

TOUCHDOWN® are Registered Trademark of Zeneca Inc.

GLYFOS® are Registered Trademark of Cheminova Inc.

ROUNDUP® ULTRA ACCORD® Registered Trademark of Monsanto Company.

•Trademark of EDM Corp