



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

68292-2

23 DEC 2008

NOTICE OF PESTICIDE:

- Registration
[X] Reregistration
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

Weedaxe Herbicide

Name and Address of Registrant (include ZIP Code):

EDM Industries, Inc.
P.O. Box 8552
Porterville, CA 93258

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 reregistered in accordance with FIFRA section 4(g)(2)(C) provided you:

- 1. Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
2. The Spanish signal word "AVISO" must be added to the front panel of the label and be placed immediately after the word "WARNING."
3. Based on toxicity ranking per the acute toxicity review, the First Aid statements should be placed on the label in the following order:

"IF IN EYES:...
IF ON SKIN OR CLOTHING:...
IF SWALLOWED:...
IF INHALED:..."

- 4. Per the acute toxicity review and PR Notice 2001-1, the following should be added to the label:

"Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact [insert phone number 1-800-xxx-xxxx] for emergency medical treatment information."

Signature of Approving Official:

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

Handwritten signature of Joanne I. Miller

Date:

23 DEC 2008

5. Per the acute toxicity review, the first sentence in the Hazards to Humans and Domestic Animals must be revised to read "Causes substantial but temporary eye injury **and** cause skin irritation."

6. Per the RED and the acute toxicity review, the PPE section must be revised to read:

"Some materials that are chemical-resistant to this product are made of barrier laminate, nitrile rubber, neoprene rubber, and viton. If you want more options, follow the instructions for category E on an EPA chemical-resistance category selection chart.

All pilots must wear:
Long-sleeved shirt,
Long pants, and
Shoes and socks.

All mixers, loaders, flaggers and other applicators and handlers must wear:
Coveralls over short-sleeved shirt and short pants,
Chemical-resistant footwear plus socks,
Chemical-resistant gloves,
Goggles or face shield,
Chemical-resistant headgear for overhead exposure, and
A chemical-resistant apron when mixing, loading or cleaning equipment.

See engineering controls for additional requirements."

7. The following Engineering Control text must be added to the label:

"Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40CFR 170.240 (d)(6)."

8. Per the 2,4-D RED label table, the text in **bold type** below must be added to the following User Safety Requirements:

"...If no such instructions for washables **exist**, use detergent and hot water..."

9. The text in bold type must be added to the User Safety Recommendation text currently on the label:

"User should remove clothing/**PPE** immediately if pesticide gets inside."

10. The Environmental Hazards text currently on the label must be revised to read:

“This pesticide may be toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.”

11. Because no physical or chemical hazards are triggered for this product, the Physical or Chemical Hazards statements may be deleted from the label.

12. Per the RED, the early entry PPE must be revised to read:

“Coveralls,
Chemical-resistant gloves made of any waterproof material,
Shoes plus socks,
Protective eyewear.”

13. A Non-Agricultural Use Requirements box must be added to label with the following entry restriction text:

"NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter the treated area until sprays have dried.”

14. Per the product chemistry review, the statement “Do not contaminate water, food, or feed by storage or disposal” must be added to the label and be placed under the “Storage and Disposal” heading. The heading “Storage” should be changed to read “Pesticide Storage.”

The spray drift text specified below must be added to the label and any conflicting text must be removed (“Use appropriate spray nozzles to obtain the best coverage with minimum distance from target weeds,” “Avoid spraying near crops, plants, or trees if wind moves at or above 5 mph, or in their directions,” “Use flat, fan-type nozzles and low pressures,” “Recommended is: a minimum spray volume of five (5) gallon per acre and a maximum pressure of forty (40) per acre. To avoid off-target movement, increase the spray volume per acre, and do not apply in winds above ten (10) mph. It is best not to spray when weather conditions favor poor coverage or off-target movement,” “Control spray drift using nozzles that provide the largest size droplet consistent with adequate and uniform coverage,” and “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 ¾ the wingspan of the aircraft.)”

“Spray Drift Management

A variety of factors including weather conditions (e.g., wind directions, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Droplet Size

When applying sprays that contain 2,4-D as the sole active ingredient, or when applying sprays that contain 2,4-D mixed with active ingredients that require a coarse or coarser spray, apply only as a coarse or coarser spray (ASAE standard 572) or a volume mean diameter of 385 microns or greater for spinning atomizer nozzles.

When apply sprays that contain 2,4-D mixed with other active ingredients that require a medium or more fine spray, apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Wind Speed

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a medium spray, leave one swath unsprayed at the downwind edge of the treated field.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Susceptible Plants

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

Equipment

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.”

For aerial application:

“The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety. This requirement does not apply to forestry or rights-of-way applications.

When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this by adjusting the path of the aircraft upwind.”

For ground boom application:

“Do not apply with a nozzle height greater than 4 feet above the crop canopy.”

16) The rate restrictions text below must be added to the label and any conflicting text must be deleted. RED-required text appearing on the label will not be listed below but must be retained.

Field Corn:

“Do not use treated crop as fodder for 7 days following application.
The preharvest interval is 7 days.
Postemergence –
Limited to one postemergence application per crop cycle.
Maximum application rate is 0.5 lbs ae per acre.”

Sweet Corn:

“Do not use treated crop as fodder for 7 days following application.
The preharvest interval is 45 days.
Postemergence –
Apply only one postemergence application per crop cycle.
Maximum application rate is 0.5 lbs ae per acre.”

Grapes:

“For use only in California.
The preharvest interval (PHI) is 100 days.
Do not apply more than one application per crop cycle.
Maximum application rate is 1.36 lbs ae per acre.”

Grass Seed Crop:

“Do not apply more than 2.0 lbs ae per acre per application.
The minimum retreatment interval is 21 days.”

“Nut Orchard Floor (Excluding Pistachios and Filberts):

Do not cut orchard floor forage for harvest within 7 days of application.
Do not apply more than 2 applications per crop cycle.
The maximum application rate is 2.0 lbs ae per acre per application.
The minimum retreatment interval is 30 days.”

If this product is intended for use on filberts, the following must be added:

“Filberts:

The preharvest interval is 45 days.
Limited to 4 applications per year.
The minimum of 30 days between applications.
Maximum of 1.0 lbs ae per 100 gallons of spray solution per application.”

Pistachio Orchard:

“Do not cut orchard floor forage for hay within 7 days of application.
Limited to 2 applications per year.
Minimum of 30 days between applications.
Maximum of 2.0 lbs ae per acre per application.”

Delete the word “broadcast” from the text “A maximum of two (2) broadcast applications may be made per crop.”

Pome Fruit:

The application and rate restriction text currently on the label must be revised to read:
“Do not cut orchard floor forage for hay within 7 days of application.
The preharvest interval (PHI) is 14 days.
Limited to 2 applications per crop cycle.
Maximum of 2.0 lbs ae per acre per application.
Minimum of 75 days between applications.”

Delete the word “broadcast” from the text “A maximum of two (2) broadcast applications may be made per crop.”

Rice:

The rate restrictions text currently on the label must be revised to read as specified below and any conflicting text in the directions for use must be deleted or revised:
“The preharvest interval (PHI) is 60 days.
Maximum of 1.5 lbs ae per acre per crop cycle.
Limited to one postemergence application per crop cycle.
Maximum application rate is 1.5 lbs ae per acre.”

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Cereal Grain (wheat, barley, oats, rye):

“The preharvest interval is 14 days.

Limited to one postemergence application per crop cycle.

Maximum application rate is 1.25 lbs ae per acre.”

Sorghum:

The rate restrictions text currently on the label must be revised to read as specified below and any conflicting text in the directions for use must be deleted or revised:

“The preharvest interval is 30 days.

Do not permit meat or dairy animals to consume treated crop as fodder or forage for 30 days following application.

Limited to one application per crop cycle.

Maximum application rate is 1.0 lbs ae per acre.”

Soybeans:

“The maximum application rate per crop cycle is 1.0 lb ae per acre.

Limited to 2 preplant applications per crop cycle.

Maximum application rate is 0.5 lbs ae per acre per preplant application.

Apply not less than 15 days prior to planting soybeans.

-or-

Limited to one application per crop cycle.

Maximum application rate is 1.0 lb ae per acre per preplant application.

Apply not less than 30 days prior to planting soybeans.”

The typographical error “were” must be corrected in the text “For use in Crop Residue Management Systems “where” emerged weeds are present.”

Stone Fruit:

The restriction text currently on the label must be revised to read as specified below and any conflicting text must be deleted or revised:

“Do not cut orchard floor forage for hay within 7 days of application.

The preharvest interval (PHI) is 40 days.

Limited to 2 applications per crop cycle.

Maximum of 2.0 lbs ae per acre per application.

Minimum of 75 days between applications.”

Sugarcane:

The restrictions text currently on the label must be revised to read as specified below and any conflicting text must be deleted or revised:

“Do not harvest cane prior to crop maturity.

Limited to one application per crop cycle.

Maximum application rate of 2.0 lbs ae per acre.”

Fallowland:

“Only labeled crops can be planted within 30 days of treatment.
Limited to 2 applications per year.
Maximum of 2.0 lbs ae per acre per application.
Minimum of 30 days between applications.”

Non-Crop

“Annual and Perennial Weeds:
Limited to 2 applications per year.
Maximum of 2.0 lbs ae per acre per application.
Minimum of 30 days between applications.
Woody Plants:
Limited to 1 application per year.
Maximum of 4.0 lbs ae per acre per year.”

Pasture and Rangeland:

“For susceptible annual and biennial broadleaf weeds: Do not apply more than 1.0 lbs ae per acre per application.
For moderately susceptible biennial and perennial broadleaf weeds, difficult to control weeds and woody plants: Do not apply more than 2.0 lbs ae per acre per application.
Spot treatment – Do not apply more than 2.0 lbs ae per acre.
Maximum of 2 applications per year.
Maximum of 4.0 lbs ae per acre per year.
Minimum of 30 days between applications.”

Forestry:

“Broadcast application:
Limited to 1 broadcast application per year.
Maximum of 4.0 lbs ae per acre per broadcast application.”

- 15. Change sentence in Specifications for Warranty and Sale to read “All such risk, to the extent consistent with applicable law, will be assumed by Buyer and User, and Buyer and User agree to hold Seller harmless for any claims relating to such factors.”, wherever it appears under the terms and conditions of use.

- 16. Add the following statements to the labeling:

Use of this product in certain portions of California, Oregon and Washington is subject to the January 22, 2004 Order for injunctive relief in Washington Toxics Coalition, et al.v.EPA, C01-0132C, (W.D. WA). For further information, please refer to EPA Web Site: <http://www.epa.gov/espp>.

- 17. Delete “General Use”. This is an implied safety claim.

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A stamped copy of your labeling is enclosed for your records. 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.

Enclosure

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ACCEPTED with COMMENT
In EPA Letter Dated:
23 DEC 2008

dated 8-10-05

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

68292-2

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.)

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONAL STATEMENTS

FIRST AID

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

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

Manufactured by: EDM Industries, Inc.
2278 S. Indiana Street
Porterville, CA 93257

NET CONTENT:
EPA Reg. No. 68292-02
EPA Est. No. 68292-CA-1
Patent Pending

**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 (PPE)

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 outdoors, a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).
- * During arial 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 manufacture'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 wokers 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 and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by Woker 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 Harzardous 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.

PRODUCT DESCRIPTION

Testing has shown that Weedaxe herbicide, in combination with other Environmental Protection Agency (EPA) registered herbicides in tank mixes, provides the ability to control difficult and resistant weeds. Weedaxe herbicide with additional herbicides, is a general post-emergent, non-selective, systemic, foliar-contact herbicide. When mixed with water and applied as a spray, Weedaxe herbicide gives effective control of many annual and perennial broadleaf weeds. Weedaxe herbicide 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, provide that a maximum of eight (8) quarts (qt.) 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:

Weedaxe	Amount of 2,4-dichlorophenoxyacetic acid
1 quart	0.035 lb.
2 quart	0.070 lb.
4 quart	0.140 lb.

GENERAL USE DIRECTIONS

This product is recommended for use in most geographic locations of the United States, regardless of humidity or lack of rain fall and at elevations. It is recommended for use on corns, grapes, grass seed crops, nut-orchard floors, pistachios, pome fruits (apples and pears), rice, small grains (barley, oats, rye and wheat), sorghum, soybean (pre-plant only), stone fruits, sugarcane, fallow land and stubble, pasture, rangeland, and certain non-crop uses: (drainage ditches, fence rows, golf courses, industrial sites, parks, turfgrass, railroads, right-of-ways, and road sites). 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 herbicide 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 eight (8) quarts 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	Kochia	Mustard	Sowthistle
Buckwheat	Lambquarters	Nightshade, hairy	Russian Knapweed
Black berries	Hairy fleabane	Nettles	Sunflowers
Carrot, wild	Lettuce, wild	Oxeye daisy	Spurge
Common groundsel	Malva	Pigweed	Thistle, Russian
Fiddleneck	Marestail	Prickly, lettuce	Tumbleweed
Filaree	Morning-glory, annual	Puncturevine	

RECOMMENDED TANK MIX

Weedaxe herbicide may be applied in tank mixtures for improved grasses and nutsedge control.

Weedaxe qt./acre	Glyphosate lbs per acre
1 - 4	1 - 3

APPLICATIONS

Weedaxe herbicide should be applied at a rate of 1-4 quarts per acre when weeds are small (e.g., 2-4 leaf stage) and growing actively before the bud stage. Do not exceed 8 quarts/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.

Weedaxe herbicide is effective at 1-4 quarts of product per acre as a tank mix.

Crop	Weedaxe qt. per acre	Pre-harvest Interval: (PHI)
Corn Field and Sweet	1 - 4	7 days
Grapes	1 - 4	40 days
Grass seed crops	1 - 4	7 days
Nut-orchard floors	1 - 4	60 days
Pistachio orchards	1 - 4	60 days
Pome fruits:	1 - 4	14 days

Rice	1 - 4	7 days
Small Grains Barley, Oats, Rye and Wheat	1 - 4	7 days
Sorghum	1 - 4	7 days
Soybeans (Pre-plant only)	1 - 4	7 days
Stone fruits	1 - 4	40 days
Sugarcane	1 - 4	7 days

SPECIFIC DIRECTIONS

CORN: (Field and Sweet)

Weedaxe herbicide is effective at 1-4 quarts of product per acre per application. (Equivalent 0.035-0.140 pounds of acid /acre) as a broadcast treatment to the corn. Apply after crop begins tillering and before the boot stage. Do not apply to corn underseeded with legumes. Do not apply during this period nor after first tassels appear. Do not spray corn in tassel. 2,4-D may cause brittleness to corn. Winds or cultivation may cause stalk breakage while brittle. Certain single cross corn hybrids may be more susceptible to 2,4-D injury than others. 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 corn within seven (7) days following application.

Postemergence: (Annual broadleaf weeds and Perennial broadleaf weeds) Weedaxe herbicide is effective at 1-4 quarts of product per acre per application. (Equivalent 0.035-0.140 pounds of acid /acre) as a broadcast treatment to the corn. Apply when most weeds have germinated. Corn is susceptible to injury at time of emergence and shortly after unfolding of leaves. Do not spray during this period nor after first tassels appear. Use drop nozzles when corn is 10" tall to place spray below its tops. Do not cultivate soon after spraying while corn is brittle. Do not forage or feed corn fodder for seven (7) days following application.

GRAPES

Weedaxe herbicide is effective at 1-4 quarts of product per acre per application. (Equivalent 0.035-0.140 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. Do not graze or feed cover crops from treated orchards to livestock.

GRASS SEED CROPS

Weedaxe herbicide is effective at 1-4 quarts of product per acre per application. (Equivalent 0.035-0.140 pounds of acid /acre) as a broadcast treatment to the grasses. Apply after crop begins tillering and before the boot stage. Do not apply to grasses 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 grasses within seven (7) days of application. Do not graze dairy cattle for at least seven (7) days after application. Do not allow meat animals to enter treated fields for at least three (3) days prior to slaughter. Do not cut grass for hay for at least thirty (30) days after application.

NUT-ORCHARD FLOORS

Weedaxe herbicide is effective at 1-4 quarts of product per acre per application. (Equivalent 0.035-0.140 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.

PISTACHIO ORCHARDS

Weedaxe herbicide is effective at 1-4 quarts of product per acre per application. (Equivalent 0.035-0.140 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.

POME FRUITS: (Apple and Pear)

Weedaxe herbicide is effective at 1-4 quarts of product per acre per application. (Equivalent 0.035-0.140 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 (14) days of application. Do not graze or feed cover crops from treated orchards to livestock.

RICE

Weedaxe herbicide is effective at 1-4 quarts of product per acre per application. (Equivalent 0.035-0.140 pounds of acid /acre) as a broadcast treatment to rice. Apply after crop begins tillering and before the boot stage. Do not apply before tiller stage or from early boot to milk stage. Do not spray rice 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 rice within seven (7) days of application.

SMALL GRAINS: (Barley, Oats, Rye and Wheat)

Weedaxe herbicide is effective at 1-4 quarts of product per acre per application. (Equivalent 0.035-0.140 pounds of acid /acre) as a broadcast treatment to the small grains. Apply after crop begins tillering and before the boot stage. Do not apply to small grains underseeded with legumes. Do not apply before tiller stage or from early boot to milk stage. Do not spray small grains 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 the small grains within seven (7) days of application.

SORGHUM

Weedaxe herbicide is effective at 1-4 quarts of product per acre per application. (Equivalent 0.035-0.140 pounds of acid /acre) as a broadcast treatment to sorghum. Apply after crop begins tillering and before the boot stage. Do not apply to sorghum underseeded with legumes. Do not apply before tiller stage or from early boot to milk 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 sorghum within seven (7) days of application.

SOYBEANS: (Pre-plant only)

Weedaxe herbicide is effective at 1-4 quarts of product per acre per application. Apply not less than seven (7) days prior to planting soybeans. For Use in Crop Residue Management Systems where emerged weeds are present.

STONE FRUITS

Weedaxe herbicide is effective at 1-4 quarts of product per acre per application. (Equivalent 0.035-0.140 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 herbicide is effective at 1-4 quarts of product per acre per application. (Equivalent 0.035-0.140 pounds of acid /acre) as a broadcast treatment to the sugarcane. Apply through layby. A maximum two (2) application may be made per crop. Do not harvest these sugarcane within seven (7) days of application.

FOR AERIAL APPLICATION

FOR APPLICATIONS TO SMALL GRAINS (Barley, Corn, Oats, Rice, Rye, Sorghum, Wheat), PASTURE, RANGELAND, AND SUGARCANE.

Make sure the aerial equipment for application provides maximum spray distribution and maximum coverage.

Recommended is: a minimum spray volume of five (5) gallon per acre and a maximum pressure of forty (40) per acre.

To avoid off-target movement, increase the spray volume per acre, and do not apply in winds above ten (10) mph. It is best not to spray when weather conditions favor poor coverage or off-target movement.

FOR FALLOW LAND AND STUBBLE

Apply Weedaxe herbicide to annual weeds at the rate of 1-4 quarts of product per acre per application. (Equivalent 0.035-0.140 pounds of acid/acre). Apply Weedaxe herbicide to perennial weeds at the rate 1 - 4 quarts of product per acre per application (Equivalent 0.035-0.140 pounds of acid/acre). Apply Weedaxe herbicide when weeds are actively growing. Do not apply more than eight (8) quarts/acre/season.

Recommended Tank Mixture for Fallow Land and Stubble: Weedaxe herbicide can be applied as a tank mixture with Glyphosate and Banvel to broaden the spectrum of weed control. In order to assure maximum safety and weed control, follow all precautions and limitations on the Weedaxe herbicide label and on the labels of products used in tank mixtures with Weedaxe herbicide.

Weedaxe quart/acre	Glyphosate pound per acre	Banvel pint/acre
1 - 4	1/4 - 1	
1 - 4		1 - 2

Restrictions and Limitations for use in Fallow land and Stubble

Do not make application within 90 days of planting, or until chemical has disappeared from soil.

RECOMMENDED TANK MIXTURE FOR PASTURE AND RANGELAND:

Weedaxe herbicide can be applied as a tank mixture with Banvel herbicide and Tordon herbicide to broaden the spectrum of weed control. In order to assure maximum safety and weed control, follow all precautions and limitations on the Weedaxe herbicide label and on the labels of products used in tank mixtures with Weedaxe herbicide.

Weedaxe quart/acre	Banvel pint/acre	Tordon pint/acre
1 - 4	1 - 2	
1 - 4		1/2 - 2

Livestock Grazing Restrictions and Limitations

Do not allow dairy animals to graze on treated areas for at least 7 days after treatment.

Do not cut forage or graze treated fields within 30 days after treatment.

Do not allow livestock to enter treated fields within 3 days of slaughter.

SPOT TREATMENT SPRAY DIRECTIONS

Weedaxe herbicide may be used as a spot spray application to control weeds in drainage ditches, fence row, golf courses, industrial sites, parks, turfgrass, railroads, right-of-ways, and road sites. 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.

Recommended Tank Mixtures for Hand-held and High-Volume Equipment Ratio:

Weedaxe	<u>Additional Herbicides:</u> Glyphosate	Water
1 - 2 gallons	4 - 10 lbs	100 gallons

SPOT SPRAY FOR NON-CROP USE AND ORNAMENTAL LAWNS

Drainage ditches, fence rows, golf courses, industrial sites, parks, turfgrass, railroads, right-of-ways, and road sites.	Herbicides to combine with Weedaxe herbicide in tank mixture: Glyphosate	Do not enter treatment area until sprays have dried.
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• 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 1-4 quarts 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.

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 3/4 THE WINGSPAN OF THE AIRCRAFT.

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.

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BANVEL® is a registered trademark of BASF Corporation.

TORDON® is a registered trademark of Dow AgroSciences LLC.

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