

02 APR 1992

Ms. Rhonda Hotop
Sandoz Agro, Inc.
1300 E. Touhy Ave.
Des Plaines, IL 60018

Dear Ms. Hotop:

subject: Weedmaster® Herbicide
EPA Registration No. 55947-24
Application To Amend Registration Dated January 15, 1992
and Resubmission Dated February 17, 1992, Request To
Reinstate Use-Pattern for Fall and Spring Seeded
wheat (Not Underseeded To Legumes)

The proposed amendments to the subject pesticide product registration submitted in connection with registration under Section 3 of the Federal Insecticide, Fungicide and Rodenticide Act as amended are accepted provided that you:

1. Revise the tank mix treatments section (page 15) by deleting the claim for "sulfonylureas such as" from the list of herbicides that may be tank mixed with this product. Have only those that you wish, that bear labeling for use in the culture of fall and spring seeded wheat; and that have EPA registered use-patterns that coincides in terms of "time of application" with this product.
2. Delete the "exclusive remedy of the user or buyer" from the warranty statements on this label. As has been recently discussed with your Company, such statements are unacceptable.
3. Submit five (5) printed copies of the final printed labeling before releasing the product for shipment.

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

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

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-herbicide Branch
Registration Division (5-7505C)

Enclosure

E. Wilson: Diskette NO ABC1: 03-27-92

RLH-

Reviewed 3-27-92

Eugene Wilson

(Container Label)

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WEEDMASTER® Herbicide

Active Ingredients:

Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid)* 12.4%

Dimethylamine salt of 2,4-dichlorophenoxyacetic acid** 35.7%

Inert Ingredients: 51.9%

TOTAL..... 100.0%

This product contains 10.3% 3,6-dichloro-o-anisic acid (dicamba) or 1 pound per gallon (120 g/L).

*This product contains 29.6% 2,4-dichlorophenoxyacetic acid (2,4-D) or 2.87 lbs. per gallon (344 g/L).

**Isomer specific by AOAC method 6.D01-5

SHAKE WELL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel for additional precautionary statements

EPA Reg. No. 55947-24

EPA Est. No. 55947-TX-1

Net Contents: _____

Sandoz Agro, Inc.

Des Plaines, IL 60018

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

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

55947-24

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. When handling this product, wear chemical resistant gloves. In case of contact, wash exposed skin with plenty of soap and water; for eyes, flush with water for 15 minutes and get medical attention. If swallowed, drink 1 or 2 glasses of water and induce vomiting by sticking finger down back of throat. Never induce vomiting or give anything by mouth to an unconscious person. ✓

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Apply this product only as directed on label. ✓

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 at 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. ✓

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 through any type of irrigation system. ✓

Refer to the DIRECTIONS FOR USE booklet attached to this container for proper use directions and additional precautionary statements.

STORAGE AND DISPOSAL

PROHIBITIONS

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

STORAGE

Store in original container in a well-ventilated area separately from fertilizer, feed and foodstuffs. Avoid cross-contamination with other pesticides. Spillage or leakage should be contained and absorbed with clay granules, sawdust, or equivalent material for disposal.

PESTICIDE DISPOSAL

Pesticide wastes are toxic. Triple rinse pesticide from containers and use rinsates in the pesticide application. 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

Plastic or Metal: After triple rinsing (or equivalent), offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities, such as burning of plastic containers. If burned, stay out of smoke.

LIMITATION OF WARRANTY AND LIMITATION OF LIABILITY

NOTICE: Read this Limitation of Warranty and Limitation of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Sandoz or seller. All such risks shall be assumed by buyer or user. Sandoz warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, under normal use conditions, subject to the risks described above. Sandoz makes no other express or implied warranty of fitness or of merchantability or any other express or implied warranty. In no event shall Sandoz or seller be liable

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for any incidental, consequential or special damages resulting from the use or handling of this product. **The exclusive remedy of the user or buyer, and the exclusive liability of Sandoz or seller for any and all claims, losses, injuries or damages (including claims based on breach of warranty, contract, negligence, tort, strict liability or otherwise) resulting from the use or handling of this product, shall be the return of the purchase price of the product or, at the election of Sandoz or seller, the replacement of the product.** Sandoz and seller offer this product, and buyer and user accept it, subject to the foregoing limitations of warranty and limitation of liability, which may not be modified by any oral or written agreement.

Proposed Label 2-4-92

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(Directions for Use Booklet Cover)

WEEDMASTER

HERBICIDE

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF THE PESTICIDE APPLICATION

E.P.A. Reg. No., 55947-24.

Weedmaster® is a Registered Trademark of Sandoz Ltd.

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(Booklet Contents)

WEEDMASTER® Herbicide

Active Ingredients:

Dimethylamine salt of dicamba (3,6-dichloro-*p*-anisic acid)* 12.4%

Dimethylamine salt of 2,4-dichlorophenoxyacetic acid** 35.7%

Inert Ingredients: 51.9%

TOTAL..... 100.0%

*This product contains 10.3% 3,6-dichloro-*p*-anisic acid (dicamba) or 1 pound per gallon (120 g/L).

**This product contains 29.6% 2,4-dichlorophenoxyacetic acid (2,4-D) or 2.87 lbs. per gallon (344 g/L).

*Isomer specific by AOAC method 6.D01-5

SHAKE WELL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements at end of label booklet.

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**BEFORE USING WEEDMASTER® HERBICIDE
READ AND FOLLOW ALL PRECAUTIONS APPEARING
ON THE CONTAINER AND IN THIS BOOKLET**

. . .

IMPORTANT

The following directions apply to all uses of WEEDMASTER Herbicide.

Do not contaminate irrigation ditches or water used for domestic purposes.

SENSITIVE CROP PRECAUTIONS: WEEDMASTER Herbicide may cause injury to desirable trees and plants, particularly beans, cotton, flowers, fruit trees, grapes, ornamentals, peas, potatoes, soybeans, sunflowers, tobacco, tomatoes and other broadleaf plants when contacting their roots, stems or foliage. These plants are most sensitive to WEEDMASTER Herbicide during their development or growing stage. FOLLOW THE PRECAUTIONS LISTED BELOW WHEN USING WEEDMASTER HERBICIDE.

Do not treat areas where either possible downward movement into the soil or surface washing may cause contact of WEEDMASTER Herbicide with the roots of desirable plants such as trees and shrubs.

- Avoid making applications when spray particles may be carried by air currents to areas where sensitive crops and plants are growing. Do not spray near sensitive plants if wind is gusty or in excess of 5 mph and moving in the direction of nearby sensitive crops. However, always make applications when there is some air movement to determine the direction and distance of possible spray drift. Leave an adequate buffer zone between area to be treated and sensitive plants. Coarse sprays are less likely to drift out of the target area than fine sprays. Agriculturally-approved drift-reducing additives may be used.
- Do not use aerial equipment or apply WEEDMASTER Herbicide when sensitive crops and plants are growing in the vicinity of area to be treated.
- To avoid injury to desirable plants, equipment used to apply WEEDMASTER Herbicide should be thoroughly cleaned (see PROCEDURE FOR CLEANING SPRAY EQUIPMENT on page --) before reusing to apply any other chemicals.

Crops growing under stress conditions such as drought, poor fertility, or foliar damage due to hail, wind or insects, can exhibit various injury symptoms that may be more pronounced if herbicides are applied.

Consult your local or state authorities for possible application restrictions and advice concerning these and other special local use situations.

Do not apply this product through any type of irrigation system.

MIXING AND APPLICATION

WEEDMASTER Herbicide is a water-soluble formulation that may be applied using water.

WEEDMASTER Herbicide may be applied broadcast using either ground or aerial equipment. When using ground equipment, apply 5 to 40 gallons of diluted spray per treated acre. Volume of spray applied will depend on the height, density, and type of weeds or brush being treated and on the equipment being used. When using aerial equipment, apply 3 to 10 gallons of diluted spray per treated acre.

WEEDMASTER Herbicide may be applied to individual clumps or small areas (SPOT TREATMENT) of undesirable vegetation using handgun or similar types of application equipment. Apply diluted sprays to allow complete wetting (up to runoff) of foliage and stems. For knapsack or other small capacity sprayers utilize the table below to calculate material needed. (The below table is based on the assumption that the spot treatment rate equates to 60 gallons per acre on the broadcast basis.)

KNAPSACK SPRAYER DILUTION INSTRUCTIONS

| Sprayer Capacity (Gallons of water) | Fluid Ounces* of Weedmaster to add per filled tank |
|--|---|
| 1 gallon | 1 oz. |
| 2-1/2 gallons | 2.5 oz. |
| 3 gallons | 3 oz. |
| 5 gallons | 5 oz. |

The addition of a surfactant can help improve control. Add 1/2% (.005) by volume. For example, 5 gallons (40 pts./640 fl. oz.) of herbicide solution would require .2 pt. (3.2 fl. oz.) of surfactant.

*1 fluid ounce = 2 tablespoons and 1 cup (liquid) = 16 tablespoons

Select nozzles designed to produce minimal amounts of fine spray particles. Spray with nozzles as close to the weeds as is practical for good weed coverage.

WEEDMASTER Herbicide should not be applied during periods of gusty wind or when wind is in excess of 15 mph as uneven spray coverage may occur.

Avoid disturbing (e.g. cultivating or mowing) treated areas for at least 7 days following application.

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PROCEDURE FOR CLEANING SPRAY EQUIPMENT

The steps listed below are suggested for thorough cleaning of spray equipment following application of WEEDMASTER Herbicide.

- 1) Hose down thoroughly the inside as well as outside surfaces of equipment while filling the spray tank half full of water. Flush by operating sprayer until the system is purged of the rinse water.
- 2) Fill tank with water while adding 1 quart of household ammonia for every 25 gallons of water. Operate the pump to circulate the ammonia solution through the sprayer system for 15 to 20 minutes and discharge a small amount of the ammonia solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.
- 3) Flush the solution out of the spray tank through the boom.
- 4) Remove the nozzles and screens and flush the system with two full tanks of water.

REFER TO THE STORAGE AND DISPOSAL SECTION FOR INSTRUCTIONS CONCERNING DISPOSAL OF WASTE AND CLEANING RINSES.

PASTURE RANGELAND AND NONCROPLAND IMPORTANT

Do not use on bent, susceptible grass pastures, lespedeza, wild winter peas, vetch, clover and alfalfa pastures as injury will occur. For pasture renovations, wait 3 weeks per quart per acre of WEEDMASTER Herbicide used before interseeding or injury may occur.

If grasses are grown for seed or for seed-down purposes, do not apply when grass is in the boot to milk stage. Do not apply to newly seeded areas or after heading begins.

Do not graze meat animals within 30 days of slaughter.

Do not graze lactating dairy animals within 7 days of treatment.

Treated grasses may be harvested for dry hay, however, do not harvest within 37 days of treatment.

Do not use seed from treated grasses for feed or food purposes.

Adjuvants or other spray additives (emulsifiers, surfactants, wetting agents, drift control agents, or penetrants) may be used for wetting, penetration, or drift control. Spray additives must be agriculturally approved when used in pasture applications. If spray additives are used, read and follow all use recommendations and precautions on product label.

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WEEDS CONTROLLED, RATES AND TIMINGS

Application rates and timings of WEEDMASTER Herbicide are given on pages —. When perennial weeds are reaching maturity, mowing and allowing some regrowth will enhance control.

WEED STAGE/APPLICATION STAGE

| WEED | WEEDMASTER RATE (pints/acre) | | | | | |
|---------------------------|------------------------------|--------------|--------------------|--------------|---------------|------------------|
| | 0.5 | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 |
| Beebalm, Spotted | | | | pre-bloom | post-bloom | |
| Bindweed, Field | | | | | | actively growing |
| Broomweed | 1-3" | 3" branching | | branching | | after branching |
| Buckeye Spp. ¹ | | | | | full leaf | |
| Buffalobur | | | | first flower | late flower | mature |
| Burdock Spp. | | pre-flower | | | | |
| Buttercup Spp. | | pre-flower | | post-flower | | |
| Chickweed, Common | | seedling | 1-3" | over 3" | | |
| Chicory | | | | rosette | early bolting | |
| Clover, Bur | | | prior to flowering | mature | | |
| Cocklebur, Common | | 1-6" | 6-12" | 12-30" | | |

¹ May require repeat applications.

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WEEDS CONTROLLED, RATES AND TIMINGS (con't)

WEED STAGE/APPLICATION STAGE

| WEED | WEEDMASTER RATE (pints/acre) | | | | | |
|---|------------------------------|---------|------------------|--------------------|---------------|------------------|
| | 0.5 | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 |
| Coreopsis, Plains | | 1-6" | | prior to flowering | | |
| Croton, Woolly (Doveweed, Goatweed) | 1-4" | 4-12" | 12-30" | | | |
| Dandelion, Common | | rosette | | bolting | | |
| Dewberry, Southern ¹ | | | | | | spring or fall |
| Dock, Curly | | | prior to bolting | | after bolting | |
| Dogfennel (Cypressweed, Rosinweed) | | | | 10-15" | | |
| Elderberry ² | | | | | | actively growing |
| Eupatorium, Late (Thoroughwort) | | | | 10-15" | | |
| Fleabane, Annual | | 1-4" | 4-8" | 8" | | |
| Goldenrod, Missouri | | | | 3" to flower | | |

¹ May require repeat applications.

² Recommended rate will provide Top Growth Suppression only.

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WEEDS CONTROLLED, RATES AND TIMINGS (con't)

WEED STAGE/APPLICATION STAGE

| WEED | WEEDMASTER RATE (pints/acre) | | | | | |
|-------------------------------------|------------------------------|------------|--------------|----------------|----------------|-------------------------|
| | 0.5 | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 |
| Goldenweed, Common | | | | | | actively growing |
| Groundsel, Texas (Yellowtop) | | rosette | post bolting | | | |
| Henbit | | | pre-flower | | flower | |
| Honeysuckle, Hairy | | | | | spring or fall | |
| Horsenettle, Carolina ¹ | | | | | | full flower |
| Ivy, Poison | | | | spring or fall | | |
| Knapweed, Black ² | | | | | | actively growing |
| Knapweed, Russian ² | | | | | | actively growing |
| Knapweed, Spotted | | | | | | actively growing |
| Knotweed Spp. | | <3"runners | | >3" runners | | |
| Kochia | | 1-6" | 6-10" | 10-20" | | |
| Lambsquarters, Common | | 1-6" | 6-10" | 10-20" | | |
| Morningglory, Tall | | pre-flower | | post-flower | | |
| Mustards, Annual | | | rosette | early bolt | | |
| Nightshade, Silverleaf ¹ | | | | | | full flower early berry |

¹ May require repeat applications.

² Recommended rate will provide Top Growth Suppression only.

WEEDS CONTROLLED, RATES AND TIMINGS (con't)

WEED STAGE/APPLICATION STAGE

| WEED | WEEDMASTER RATE (pints/acre) | | | | | |
|---------------------------------|------------------------------|--------------------|--------------------|-----------------|-----|------------------|
| | 0.5 | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 |
| Pennycress, Field | | | | rosette | | |
| Pepperweed, Virginia | | 1-3" | 3-6" | after branching | | full leaf |
| Persimmon, Eastern ¹ | | | | | | actively growing |
| Pigweed, Redroot (Carelessweed) | | <3" | 3-10" | >10" | | |
| Poorjoe | | prior to flowering | | mature | | |
| Privet ² | | | | | | actively growing |
| Rabbitbrush ² | | | | | | actively growing |
| Ragweed, Common | 1-3" | 3-6" | 6-10" | >10" | | |
| Ragwort, Tansy | | | | rosette | | |
| Redvine ² | | | | | | actively growing |
| Sage, Fringed ² | | | | | | actively growing |
| Sneezeweed, Bitter (Bitterweed) | | 1-4" | prior to flowering | flower | | |

¹ May require repeat applications.

² Recommended rate will provide Top Growth Suppression only.

WEEDS CONTROLLED, RATES AND TIMINGS (con't)

WEED STAGE/APPLICATION STAGE

| WEED | WEEDMASTER RATE (pints/acre) | | | | | |
|---------------------------------------|------------------------------|---------|---------|----------------|-----|------------------|
| | 0.5 | 1.0 | 1.55 | 2.0 | 3.0 | 4.0 |
| Smartweed, Pennsylvania | | <4" | | | | |
| Smartweed, Perennial | | | | | | actively growing |
| Sorrel, Red (Sour Dock, Sheep Sorrel) | | rosette | bolting | flower | | |
| Sowthistle, Perennial ² | | | | | | actively growing |
| Spurge, Leafy ² | | | | | | actively growing |
| Sunflower | | 1-3" | 3-6" | 6-24" | | |
| Thistle, Bull | | | rosette | bolting | | |
| Thistle, Canada ² | | | | | | actively growing |
| Thistle, Musk | | | rosette | bolting | | |
| Thistle, Plumeless | | | rosette | bolting | | |
| Velvetleaf | | <6" | 6-20" | >20" | | |
| Vetch, Hairy | | 1-4" | 4-8" | 8" full flower | | |
| Yankee weed (Rosinweed) | | | | 10-18" | | |

¹ May require repeat applications.

² Recommended rate will provide Top Growth Suppression only.

**BETWEEN CROPPING APPLICATION (BCA)
FOR BROADLEAF CONTROL IN
CROPLAND ROTATED TO WHEAT**

IMPORTANT

Before using this product, read and carefully observe all applicable directions, restrictions, and precautionary statements in this booklet and on the container label.

WEEDS CONTROLLED

WEEDMASTER Herbicide, when applied at the recommended rates, will control the ANNUAL and BIENNIAL weeds and suppress the PERENNIAL weeds listed below.

ANNUALS

- Buckwheat, Wild
- Cockle, Cow
- Cocklebur, Common
- Knotweed
- Kochia
- Lambsquarters, Common
- Mallow, Common
- Mustards
- Nightshade, Black
- Pigweed, Redroot (carelessweed)
- Pigweed, Rough
- Purslane, Common

ANNUALS (cont.)

- Ragweed, Common
- Smartweed, Pennsylvania
- Sowthistle, Annual
- Sunflower
- Tansymustard
- Thistle, Russian
- Velvetleaf

BIENNIALS

- Carrot, Wild
- Ragwort, Tansy
- Thistle, Bull
- Thistle, Musk
- Thistle, Plumeless
- Star Thistle, Yellow

PERENNIALS

- Bindweed, Field
- Dock, Curly
- Thistle, Canada

RATES AND TIMINGS

Application may be made to fallow land, wheat stubble or land to be rotated to wheat. Application should be made to emerged and actively growing weeds. Use higher rate when treating dense vegetative growth. Avoid disturbing treated areas for seven days following application.

Wheat injury may occur if the interval between application and planting is less than 10 days for each pint per acre of WEEDMASTER Herbicide used. Exclude days when ground is frozen.

| <u>Weed Type & Stage</u> | <u>Broadcast rate per Treated Acre Amount</u> |
|------------------------------|---|
|------------------------------|---|

Annual

| | |
|--|-----------------|
| small, actively growing (less than 4 inches) | 1 - 1-1/2 pints |
| established weed growth (greater than 4 inches) | 1-1/2 - 3 pints |

Biennial

| | |
|---|-----------------|
| rosette diameter 3 inches or less | 1-1/2 - 2 pints |
| 3 inches or more | 2 - 4 pints |
| greater than 4 inches, tillering botted or flowering | 4 pints |

Perennial

| | |
|--------------------------------------|-------------|
| suppression or top growth control | 2 - 4 pints |
| seasonal control | 4 - 8 pints |

Add 0.5% v/v of an agriculturally-approved surfactant to WEEDMASTER Herbicide when used alone or in a tank mix. The addition of surfactant will enhance spray coverage and the herbicide's penetration and weed foliage.

Retreatments may be made as needed; however, do not exceed a total of 8 pints of WEEDMASTER Herbicide per treated acre.

TANK MIX TREATMENTS

WEEDMASTER Herbicide may be tank mixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled, geographic or other restrictions. Add 0.5% v/v of an agriculturally-approved surfactant to all tank mixes.

| <u>HERBICIDE</u> | <u>RATE PER TREATED ACRE (lbs. a.i.)</u> |
|------------------------|--|
| atrazine | 1/2 to 3 |
| chlorsulfuron (Glean®) | 0.016 to 0.024 |
| cyanazine | 1-3/5 to 3-1/5 |
| glyphosate (Roundup®) | 1/4 to 2 |
| metribuzin | 1/3 to 3/4 |
| paraquat | 1/2 to 1 |

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**FALL AND SPRING SEEDED WHEAT
(NOT UNDERSEEDED TO LEGUMES)
IMPORTANT**

If small grains are grown for pasture only, refer to the PASTURE, RANGELAND AND NONCROPLAND section.

Do not graze or harvest for livestock feed prior to crop maturity.

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WEEDS CONTROLLED

WEEDMASTER herbicide, when applied at recommended rates, will control ANNUAL and BIENNIAL broadleaf weeds commonly found in small grains, such as:

- ✓ buckwheat, wild
- chickweed, common
- ✓*cockle, cow
- ✓*cocklebur, common
- eveningprimrose, common
- *henbit
- ✓*knotweed
- ✓kochia
- ✓lambquarters, common
- *mallow, common
- ✓mustards
- ✓*nightshade, black
- ✓pennycress, field
- ✓pigweed, redroot (carelessweed)
- ✓pigweed, rough
- ✓*purslane, common
- ✓ragweed, common
- *shepherdspurse
- ✓*smartweed, Pennsylvania
- ✓*sowthistle, annual
- ✓sunflower
- ✓tansymustard
- ✓thistle, Russian
- *velvetleaf

Use higher rate or tankmixes for control of noted () annuals.

RATES AND TIMINGS

Application of WEEDMASTER herbicide may be made after wheat is fully tillered to emerged and actively growing weeds. See specific crop for timing restrictions. For best performance, make application when weeds are in the 2-3 leaf stage and rosettes are less than 2 inches across. Use the higher level of listed rate ranges when treating more mature weeds or dense vegetative growth. ✓

WEEDMASTER HERBICIDE MUST BE APPLIED TO FALL SEEDED WHEAT AFTER IT IS FULLY TILLERED PRIOR TO THE JOINTING STAGE. APPLICATIONS TO SPRING SEEDED WHEAT MUST BE MADE BEFORE WHEAT EXCEEDS THE 5 LEAF STAGE. ✓

BROADCAST RATE PER TREATED ACRE:
3/4 - 1 pint

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TANK MIX TREATMENTS

For control of grasses or additional broadleaf weeds, WEEDMASTER herbicide may be tankmixed with the herbicides listed in the table below. Read and follow the label of each tankmix product used for precautionary statements, directions for use, weeds controlled, geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE:
Apply 1/2 - 1 pint¹ WEEDMASTER herbicide with: _____

| Herbicide | amount of product ² | lb. a.i. |
|--|---------------------------------|-----------|
| 2,4-D Amine or Ester | 1/3 - 1/2 | 1/4 |
| MCPA | 1/2 - 3/4 pint | 1/4 - 3/8 |
| bromoxynil | Consult Product Labels for Rate | |
| metribuzin | Recommendations | |
| (Sencor [®]) | • | • |
| sulfonylureas [*] | • | • |
| (such as: Ally [®] , Express [®] , Finesse [®] , Glean [®] , Harmony [®] Extra) | • | • |
| diuron (Karmex [®] 80WP) | • | • |

¹ Use the 1 pint rate of Weedmaster for difficult to control weeds noted by an asterisk in the Weeds Controlled section on the previous page.

² Based on 4 pounds per gallon formulations of MCPA and 2,4-D.

in spring seeded wheat, 1/2 pint of WEEDMASTER should be tankmixed with the 1/3 pint rate of 2,4-D only. In spring seeded wheat, if the higher rate of 1 pint WEEDMASTER is used, do not tankmix with 2,4-D.

SUGARCANE

IMPORTANT

Consult your local or state authorities for possible application restrictions, especially concerning aerial applications and advice concerning special local use situations.

WEEDS CONTROLLED

WEEDMASTER Herbicide, when applied at recommended rates, will control the ANNUAL and PERENNIAL broadleaf weeds commonly found in sugarcane, such as:

ANNUALS

Burclover, California
 Buttercup
 (Ranunculus Spp.)
 Chickweed, Common
 Clovers, Annual
 Cocklebur, Common
 Eveningprimrose, Cutleaf
 Fleabane, Annual
 Geranium, Carolina
 Henbit
 Lettuce, Prickly
 Pepperweed, Virginia

ANNUALS (cont.)

Pigweed, Prostrate
 Pigweed, Redroot
 (Carelessweed)
 Pigweed, Smooth
 Purslane, Common
 Ragweed, Common
 Shepherdspurse
 Sida, Prickly
 (Teaweed)
 Sowthistle, Annual
 Spurge, Prostrate

PERENNIALS

Aster, Spp.
 Bindweed, Field
 Chickweed, Mouseear
 Dandelion, Common
 Dock, Curly
 Dogfennel
 Garlic, Wild
 Goldenrod Spp.
 Groundsel, Cressieaf
 Onion, Wild
 Sowthistle, Perennial

APPLICATION DIRECTIONS

DO NOT USE AERIAL APPLICATION EQUIPMENT IF SENSITIVE CROPS ARE GROWING IN THE VICINITY OF THE AREA TO BE TREATED. When band treatments are desired, apply an equivalent rate and volume per acre by using the formula below:

$$\begin{array}{l} \text{Band width} \\ \text{in inches} \\ \text{Row width} \\ \text{in inches} \end{array} \times \begin{array}{l} \text{Broadcast} \\ \text{RATE per} \\ \text{treated acre} \end{array} = \begin{array}{l} \text{Band RATE per} \\ \text{treated acre} \end{array}$$

$$\begin{array}{l} \text{Band width} \\ \text{in inches} \\ \text{Row width} \\ \text{in inches} \end{array} \times \begin{array}{l} \text{Broadcast} \\ \text{VOLUME per} \\ \text{treated acre} \end{array} = \begin{array}{l} \text{Band VOLUME per} \\ \text{treated acre} \end{array}$$

Application of WEEDMASTER Herbicide can be made any time after the weeds have emerged and are actively growing but prior to the close-in stage of sugarcane. When possible, direct the spray beneath the sugarcane canopy in order to minimize the likelihood of crop injury. The use of directed sprays will also aid in maximizing spray coverage of weed foliage. Application rates and timing are given below. Use the higher level of listed rate ranges when treating dense vegetative growth.

● For control of listed ANNUAL broadleaf weeds, apply 1 quart of WEEDMASTER Herbicide per treated acre.

● For suppression of listed PERENNIALS, apply 1 - 2 quarts of WEEDMASTER Herbicide per treated acre.

• For control of listed PERENNIAL broadleaf weeds, apply 2 - 3 quarts of WEEDMASTER Herbicide per treated acre.

Retreatments may be made as needed, however, do not exceed 8 quarts of WEEDMASTER Herbicide per treated acre during a growing season.

TANK MIX TREATMENTS

WEEDMASTER Herbicide may be tank mixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled, geographic and other restrictions.

| <u>HERBICIDE</u> | <u>RATES PER TREATED ACRE (lb. a.i.)</u> |
|-------------------------------|--|
| ametryn (Evik®) | 2/5 to 8 |
| asulam (Asulox®) | 2 to 3-1/3 |
| atrazine | 2/5 to 4 |
| dalapon (Dalapon®) | 3-1/2 to 8-1/2 |
| fenac (Fenatrol® Sugarcane) | 2.7 - 6.0 |
| metribuzin (Sencor®, Lexone®) | 0.75 to 3.0 |
| terbacil (Sinbar®) | 1.6 to 3.2 |

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. When handling this product, wear chemical resistant gloves. In case of contact, wash exposed skin with plenty of soap and water; for eyes, flush with water for 15 minutes and get medical attention. If swallowed, drink 1 or 2 glasses of water and induce vomiting by sticking finger down back of throat. Never induce vomiting or give anything by mouth to an unconscious person. ✓

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Apply this product only as directed on label. ✓

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 at 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.

STORAGE AND DISPOSAL

PROHIBITIONS

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

STORAGE

Store in original container in a well-ventilated area separately from fertilizer, feed and foodstuffs. Avoid cross-contamination with other pesticides. Spillage or leakage should be contained and absorbed with clay granules, sawdust, or equivalent material for disposal.

PESTICIDE DISPOSAL

Pesticide wastes are toxic. Triple rinse pesticide from containers and use rinsates in the pesticide application. 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

Plastic or Metal: After triple rinsing (or equivalent), offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities, such as burning of plastic containers. If burned, stay out of smoke.

LIMITATION OF WARRANTY AND LIMITATION OF LIABILITY

NOTICE: Read this Limitation of Warranty and Limitation of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Sandoz or seller. All such risks shall be assumed by buyer or user. Sandoz warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, under normal use conditions, subject to the risks described above. **Sandoz makes no other express or implied warranty of fitness or of merchantability or any other express or implied warranty.** In no event shall Sandoz or seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **The exclusive remedy of the user or buyer, and the exclusive liability of Sandoz or seller for any and all claims, losses, injuries or damages (including claims based on breach of warranty, contract, negligence, tort, strict liability or otherwise) resulting from the use or handling of this product, shall be the return of the purchase price of the product or, at the election of Sandoz or seller, the replacement of the product.** Sandoz and seller offer this product, and buyer and user accept it, subject to the foregoing limitations of warranty and limitation of liability, which may not be modified by any oral or written agreement.

REGISTERED TRADEMARKS

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Proposed Label 2-19-92