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FALLOWMASTER™ HERBICIDE

For control or suppression of emerged weeds in fallow and reduced tillage small grain systems in the States of Colorado, Idaho, Kansas, Montana, Nebraska, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming.

Complete Directions for Use

AVOID CONTACT WITH FOLIAGE OF CROP OR OTHER DESIRABLE VEGETATION SINCE SEVERE INJURY OR DESTRUCTION MAY RESULT.

EPA Reg. No. 524-390

™ Fallow Master is a trademark of, and used under license from, Sandoz, Ltd.

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Read the entire label before using this product.

Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened.

REFORMULATION OR REPACKAGING IS PROHIBITED.

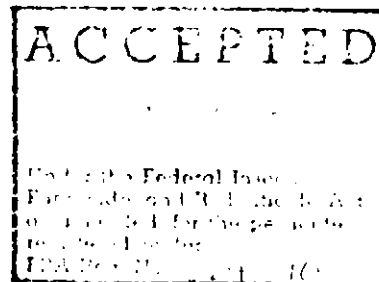
LIMIT OF WARRANTY AND LIABILITY

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with

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desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children.

DANGER!

PELIGRO!

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

CAUSES EYE BURNS.

HARMFUL IF SWALLOWED OR INHALED.

MAY CAUSE ALLERGIC SKIN REACTION.

Do not get in eyes, on skin or on clothing.

Avoid breathing vapor or spray mist.



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FIRST AID: IF IN EYES, immediately flush with plenty of water for at least 15 minutes. Call a physician.

IF ON SKIN, immediately flush with plenty of water while removing contaminated clothing. If irritation persists, call a physician. Sensitized persons should avoid further contact.

IF INHALED, remove individual to fresh air. Seek medical attention if breathing difficulty develops.

IF SWALLOWED, this product will cause gastrointestinal tract irritation. Immediately dilute by swallowing water or milk. Call a physician. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Personal Protective Equipment:

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and protective eyewear. 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.

User Safety Recommendations:

Users 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.

In case of an emergency involving this product,
Call Collect, day or night, (314) 694-4000.

Environmental Hazards

Do not apply directly to water or 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.

Physical or Chemical Hazards

Spray solutions of this product should be mixed, stored and applied only

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in stainless steel, aluminum, fiberglass, plastic and plastic-lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

ACTIVE INGREDIENTS*:

| | |
|--|--------------|
| Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt..... | 16.5% |
| Dicamba, 3,6 dichloro-o-anisic acid, in the form of its isopropylamine salt | 7.0% |
| INERT INGREDIENTS: | <u>76.5%</u> |
| | 100.0% |

*Contains 180 grams per litre or 1.5 lbs per gallon of the active ingredient, glyphosate, in the form of its isopropylamine salt and 72 grams per litre or 0.6 lb per gallon of the active ingredient, dicamba in the form of its isopropylamine salt. Equivalent to 132 grams per litre or 1.1 lbs per gallon of the acid glyphosate and 60 grams per litre or 0.5 lb per gallon of the acid dicamba.

The glyphosate component of Fallow Master herbicide is protected by U.S. Patent No. 4,405,531. Other patents are pending.

No license granted under any non-U.S. patent(s).

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any 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 handlers may be in the area during application.

For any 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

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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 the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 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, are: coveralls, waterproof gloves, shoes plus socks and protective eyewear.

For more product information, call toll-free 1-800-332-3111.

Storage and Disposal

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

STORAGE:

STORE ABOVE 40°F. to keep product in solution. If crystals form, place in a warm room (72°F.), allow the product to reach room temperature and roll or shake periodically until crystals have dissolved. Keep container closed to prevent spills and contamination.

For bulk containers, see the container label for alternate storage information.

DISPOSAL:

~~Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.~~

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

See the individual container label for disposal information.

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GENERAL INFORMATION

Fallow Master™ is a postemergence herbicide for control or suppression of emerged weeds in fallow and reduced tillage systems. This product should be applied 15 days prior to planting of wheat, barley, oats, or sorghum (grain or forage).

This product enters the plant through the foliage and moves throughout the plant. Visual effects of control are a gradual wilting or yellowing of the plant, which advances to complete browning of aboveground growth and deterioration of affected underground plant parts. Visible symptoms will usually develop on labeled weeds within 2 to 4 days after application, but may not occur for 7 or more days. Extremely cool or cloudy weather following treatment may slow activity of this product and delay the visual effects of control.

Keep people and domestic animals off treated areas until foliage has dried.

**APPLICATION PRECAUTIONS
AND WARNINGS**

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

- Delay planting of wheat, barley, oats, or sorghum (grain or forage) for 15 days after applications of this product.
- Do not plant any crop other than corn, wheat, barley, oats, or sorghum (grain or forage) for 3 months after application or until this product has disappeared from the soil.
- This product is recommended for control of emerged weeds prior to establishment of labeled crops. Large amounts of green or decaying vegetation left standing or incorporated into the seedbed may enhance the development of disease in newly planted crops. This may result in poor emergence and/or stands, especially under cool and/or wet conditions.
- Do not feed or forage treated vegetation from treated areas within 8 weeks after application.
- Spraying early to control young weeds before dense stands develop, or light cultivation to assist weed decay, will favor preparation of suitable seedbeds.
- THIS PRODUCT MAY CAUSE INJURY TO DESIRABLE TREES, PLANTS OR CROPS, ESPECIALLY SENSITIVE BROADLEAF PLANTS SUCH AS BEANS, COTTON, FLOWERS, FRUIT TREES, GRAPES, ORNAMENTALS, PEAS, POTATOES, SOYBEANS,

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SUNFLOWERS, TOMATOES AND OTHER BROADLEAF PLANTS IF BROUGHT INTO CONTACT WITH THEIR ROOTS, STEMS OR FOLIAGE. THESE PLANTS ARE MOST SENSITIVE DURING THEIR ACTIVE GROWTH AND DEVELOPMENT STAGE.

- Do not use aerial equipment to apply this product when sensitive crops and plants are growing in the vicinity of area to be treated.
- Applications should be made only when there is no hazard from spray drift since very small quantities of spray, which may not be visible, may severely injure susceptible crops or desirable vegetation.
- The likelihood of injury occurring to adjacent crops from the use of this product is greatest when winds are gusty or in excess of 5 miles per hour or when other conditions including lesser wind velocities will favor spray drift.
- Movement of this product on soil particles during windstorms may cause damage to susceptible plants that are contacted. This hazard is reduced if rainfall occurs shortly after application.
- Buyer and all users are responsible for all loss or damage in connection with the use or handling of mixtures of this herbicide or other materials that are not expressly recommended in this labeling. Mixing this product with herbicides or other materials not recommended on this label may result in reduced performance. Use of this product in any manner not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences.
- Fallow Master is subject to all state and county regulations for dicamba.

TIMING OF APPLICATION

This product should be applied postemergence to vigorously growing weeds when they have reached the recommended size given in the "RECOMMENDED RATES AND WEEDS CONTROLLED" section of this label. Application should be delayed until maximum emergence of the target weeds, but before weeds exceed the maximum size recommended. For annual weeds, allow 1 day after treatment before tillage.

Reduced control may result if applications are made during poor growing conditions such as drought stress, disease or insect damage or if weeds have been mowed, grazed or cut. Heavy dust on foliage or an overstory canopy covering targeted weeds may also reduce control.

Rainfall or irrigation occurring within 6 hours after application may reduce effectiveness. Heavy rainfall or irrigation within 2 hours after application may wash this product off the foliage and a repeat application

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may be required.

**RECOMMENDED RATES
AND WEEDS CONTROLLED**

For best results, apply this product after most weed seeds have germinated but before seedhead formation in grasses or flower bud formation in broadleaves.

When applied as directed, this product herbicide will provide control or suppression of the grass and broadleaf weed species listed below. Rates recommended are for maximum weed height at treatment time.

| ANNUAL WEED SPECIES | FALLOW MASTER | |
|---|------------------|-------------------|
| | RATE PER ACRE | MAXIMUM HEIGHT |
| Foxtail, green <i>Setaria viridis</i> | 22 oz | 12" |
| Barley <i>Hordeum vulgare</i> | 32 oz | 6" |
| Brome, downy* <i>Bromus tectorum</i> | | |
| Cheat* <i>Bromus secalinus</i> | | |
| Foxtail <i>Setaria spp.</i> | | |
| Kochia* <i>Kochia scoparia</i> | | |
| Lettuce, prickly* <i>Lactuca serriola</i> | | |
| Lambsquarters <i>Chenopodium album</i> | 32 oz | 12" |
| Mustard, tansy <i>Descurainia pinnata</i> | | |
| Mustard, tumble <i>Sisymbrium altissimum</i> | | |
| Pigweed <i>Amaranthus spp.</i> | | |

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Sandbur, field
Cenchrus spp.

Stinkgrass
Eragrostis cilianensis

Wheat
Triticum aestivum

Witchgrass
Panicum capillare

Barnyardgrass 44 oz 6"
Echinochloa crus-galli

Buffalobur
Solanum rostratum

Goatgrass
Aegilops cylindrica

Mustard, blue
Chorispora tenella

Panicum, fall
Panicum dichotomiflorum

Oats, wild 44 oz 12"
Avena fatua

Thistle, Russian
Salsola kali

*For control of heavy infestations or dense, overwintered stands, use 44 ounces.

AID TO TILLAGE

This product used in combination with preplant and conventional fallow tillage practices will provide control of downy brome, cheat, volunteer wheat, tansy mustard and foxtails.

Apply 22 fluid ounces on this product in 3 to 10 gallons of water per acre to weeds that are actively growing. Treat when weeds are less than 6 inches in height. Application must be followed by conventional tillage practices before regrowth of the treated plant occurs. Allow at least 1 day after application before tillage.

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POSTHARVEST APPLICATIONS

This product will provide control of weeds following grain harvest. Weeds should be allowed to regrow after damage incurred during harvesting operations, and to recover from environmental stress, before application of this product. Weeds should be treated prior to the heading stage of annual grasses and before broadleaf weeds exceed 24 inches in height. Ammonium sulfate will improve performance on annual weeds under stress conditions.

Weeds controlled at the 32-ounce-per-acre rate include downy brome, green foxtail, stinkgrass and volunteer wheat.

Weeds controlled at the 44-ounce-per-acre rate include kochia, lambsquarters, mustard, pigweed and Russian thistle.

Weeds controlled at the 52-ounce per acre rate include barnyardgrass, sandbur, witchgrass, yellow foxtail, and prickly lettuce.

FALLOW MASTER plus ATRAZINE or BLADEXTM

For use only in Colorado, Kansas, Nebraska, Oklahoma, Oregon, South Dakota and Washington.

Tank mixtures of Fallow Master herbicide plus atrazine or Bladex will provide postemergence control of listed annual weeds in fallow and reduced tillage systems. In addition, these tank mixtures will provide soil residual control of weeds listed on the atrazine and Bladex labels.

TMBladex is a trademark of E.I. du Pont de Nemour and Company.

ANNUAL WEEDS CONTROLLED

| | |
|--|---|
| Barnyardgrass <i>Echinochloa crus-galli</i> | Pigweed, redroot <i>Amaranthus retroflexus</i> |
| Brome, downy <i>Bromus tectorum</i> | Sandbur, field <i>Cenchrus spp.</i> |
| Foxtail, green <i>Setaria viridis</i> | Stinkgrass <i>Eragrostis cilianensis</i> |
| Kochia <i>Kochia scoparia</i> | Thistle, Russian <i>Salsola kali</i> |
| Lambsquarters <i>Chenopodium album</i> | Wheat <i>Triticum aestivum</i> |

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Lettuce, prickly
Lactuca serriola

Witchgrass
Panicum capillare

Mustard, tansy
Descurainia pinnata

Apply 32 ounces of this product plus 1 pound or less of the active ingredient, atrazine, per acre. Use 44 ounces of this product plus 2 pounds or less of the active ingredient, atrazine, per acre. Use 52 ounces of this product plus 1 to 3 pounds of the active ingredient, atrazine, per acre. Use 44 ounces of this product plus 2.4 to 4 pounds of the active ingredient, cyanazine, in Bladex per acre. In Oregon and Washington, do not exceed 1 pound of the active ingredient, atrazine, per acre. Barnyardgrass will be suppressed at the 52 ounce per acre rate and will require up to 70 ounces per acre for control. The addition of ammonium sulfate is recommended to increase the performance of Fallow Master herbicide plus atrazine or Bladex tank mixtures.

Consult the atrazine and Bladex labels (90 DF, 80W, 4L) for use rates, soil type, planting, cropping and other restrictions, as well as other precautionary statements and use according to the most restrictive label.

These tank mixtures may be applied with ground or aerial equipment. See the "APPLICATION EQUIPMENT" section for instructions.

For ground application, apply in 3 to 10 gallons of water per acre.

For aerial application, apply in 3 to 5 gallons of water per acre.

AMMONIUM SULFATE

The addition of 1 to 2 percent dry ammonium sulfate by weight (or liquid equivalent) may increase the performance of Fallow Master herbicide tank mixtures on annual weeds. Add 8.5 to 17 pounds of dry ammonium sulfate per 100 gallons of spray solution. The improvement in performance may be apparent where environmental stress is a concern. Use the higher rate of ammonium sulfate with Fallow Master when treating large or dense populations of annual weeds. Low-quality ammonium sulfate may contain material that will not readily dissolve which could result in nozzle-tip plugging. To determine quality, perform a jar test by adding 1/3 cup of ammonium sulfate to 1 gallon of water and agitate for 1 minute. If undissolved sediment is observed, predissolve the additive in water and filter prior to addition to the spray tank. If ammonium sulfate is added directly to the spray tank, add slowly with agitation. Adding too quickly may clog outlet line. Ensure that ammonium sulfate is completely dissolved in the spray tank before adding herbicides. Thoroughly rinse the spray system with clean water after use to reduce corrosion. Observe all precautionary statements on the ammonium sulfate product label.

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NOTE: Compatibility problems may occur at carrier volumes below 5 GPA.

APPLICATION EQUIPMENT

This product may be applied using either ground or aerial spray equipment. Use extreme care to avoid misting or drifting of herbicide solution onto foliage, green stems or fruit of desirable crops, trees, or plants during both growing and dormant periods since even very small quantities of spray can cause severe plant injury.

GROUND APPLICATION: Apply recommended rates of this product in 3 to 10 gallons of water per acre as a broadcast spray. For optimum spray distribution and coverage, use flat fan or low-volume flood nozzles. When using flood nozzles, space them no more than 40 inches apart and ensure double overlap of spray pattern. Refer to the manufacturer's recommendations for correct pressure and nozzle height above the target canopy. Avoid pressure and nozzles which produce fine droplets or mist.

Use appropriate marking devices to ensure uniform spray coverage and best results from this product.

AERIAL APPLICATION: Apply the recommended rates of this product in 3 to 5 gallons of water per acre as a broadcast spray. DO NOT APPLY DURING INVERSION CONDITIONS, WHEN WINDS ARE GUSTY, OR WHEN OTHER CONDITIONS WILL FAVOR DRIFT. DRIFT MAY CAUSE DAMAGE TO ANY VEGETATION CONTACTED TO WHICH TREATMENT WAS NOT INTENDED. TO PREVENT INJURY TO ADJACENT DESIRABLE VEGETATION, APPROPRIATE BUFFER ZONES MUST BE MAINTAINED.

Coarse sprays are less likely to drift; therefore, do not use nozzles or nozzle configurations which dispense spray as fine spray droplets. Do not angle nozzles forward into the airstream and do not increase spray volume by increasing nozzle pressure.

MIXING INSTRUCTIONS

Fill the spray tank to about 3/4 of the desired volume with clean water. Add the recommended amount of this product, then complete the filling process while maintaining agitation. Remove the hose from the mixing tank immediately after filling to avoid siphoning back into the carrier source. During mixing and application, foaming of the spray solution may occur. To prevent or minimize foam, terminate by-pass and return lines at the tank bottom and/or use an agriculturally approved antifoam or defoaming agent.

Additional surfactant is not recommended for this formulation.

NOTE: Reduced results may occur if water containing soil is used, such as water from ponds and unlined ditches.

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SPRAYER CLEANUP

The steps listed below are suggested for thorough cleaning of spray equipment following applications of this product. Failure to clean the sprayer thoroughly may result in injury to desirable vegetation subsequently sprayed with the equipment.

1. Hose down thoroughly the inside as well as outside surfaces of equipment while filling the spray tank half full with water. Flush by operating the sprayer until the system is purged of the rinse water.
2. Fill the tank with water while adding 1 quart of house-hold 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.

Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove residues of this product accumulated during spraying or from spills. PROLONGED EXPOSURE OF THIS PRODUCT TO UNCOATED STEEL SURFACES MAY RESULT IN CORROSION AND POSSIBLE FAILURE OF THE PART. LANDING GEAR ARE MOST SUSCEPTIBLE. The maintenance of an organic coating (paint) which meets aerospace specification MIL-C-38413 may prevent corrosion.

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In case of an emergency involving this product,
Call Collect, day or night, (314) 694-4000.
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AGRICULTURAL PRODUCTS
ST. LOUIS, MISSOURI 63167, U.S.A.

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