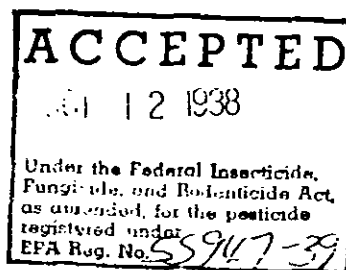


## MARKSMAN HERBICIDE

LABEL DRAFT

12-17-87



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SANDOZ CROP PROTECTION

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SANDOZCROP PROTECTION

**M A R K S M A N  
HERBICIDE**

**ACTIVE INGREDIENTS:** 13.42% Potassium salt of dicamba. 3.35% Potassium salt of related acid. 22.23% Atrazine\*

**INSERT INGREDIENTS:** 61.00% 100% Total.

\*Equivalent to 11.45% 3, 6-dichloro-o-anisic acid (dicamba) or 1.1 pounds/gallons.

\*\*Equivalent to 22.23% 2-chloro-4-ethylamino-6-isopropyl/amino-s-triazine (atrazine) or 2.1 pounds/gallons.

KEEP OUT OF REACH OF CHILDREN.

**C A U T I O N**

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT.

Marksman® is a Registered  
Trademark of Sandoz Ltd.

E.P.A. Reg. No. 55947-39

E.P.A. Est. No. 11773-1A-1

**NET CONTENTS:**

**2 1/2 GALLONS**

**SHAKE BEFORE USING.**

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

**CAUTION:** Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling. In case of contact, wash skin with soap and water, for eyes flush with water for 15 minutes and get medical attention.

**ENVIRONMENTAL HAZARDS:**

Keep out of lakes, streams or ponds. This pesticide is toxic to aquatic invertebrates. Do not apply directly to water or wetlands. Run off and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

**DIRECTIONS FOR USE:**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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. Open dumping is prohibited.  
**PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under Subtitle C of the Resource Conservation and Recovery Act.

**CONTAINER DISPOSAL:** For Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**GENERAL:** Consult Federal, state or local disposal authorities for approved alternative procedures such as limited burning.

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**DIRECTIONS FOR USE**

**BEFORE APPLYING MARKSMAN HERBICIDE READ AND FOLLOW THE**

**PRECAUTIONS APPEARING ON THE CONTAINER.**

**APPLICATION FOR WEED CONTROL IN FIELD,**

**SEED\*, AND SILAGE CORN**

**\* \* \***

**IMPORTANT**

\*Do not apply MARKSMAN Herbicide to seed corn without first verifying with your local seed corn company (supplier) the selectivity of Marksman on your inbred line. This precaution will help avoid potential injury of sensitive varieties. Also follow this precaution before application to any specialty type corn.

MARKSMAN is not registered for use on sweet corn and popcorn.

Do not contaminate irrigation ditches or water used for domestic purposes. Do not apply this product through any type of irrigation system.

Atrazine leaches readily and accepted label rates have been found to result in contamination of water supplies by way of ground-water. Therefore users are advised to avoid use of atrazine in well drained soils, particularly areas having high ground-water tables.

Surfactants (nonionic) added to a spray mixture may improve control of drought stressed weeds but do not apply any adjuvant which contains penetrants such as petroleum and crop oils -- after corn emergence, crop injury could result.

A maximum of two applications of MARKSMAN Herbicide may be made up to the 5th true leaf stage of corn. Do not exceed a total of 5 1/4 pints MARKSMAN Herbicide per treated acre per crop year. Consult rates and timing section and do not exceed rates of application for any given time of application.

BANVEL Herbicide can be applied before or after a MARKSMAN treatment. The combined total of the BANVEL active ingredient (dicamba) - regardless if applied as BANVEL or MARKSMAN - must not exceed a total equivalent of 0.75 lbs. per treated acre per crop year. A gallon of MARKSMAN contains 1.1 lbs. of dicamba (.14 lbs./pt.), and a gallon of BANVEL contains 4.0 lbs. of dicamba (0.5 lbs./pt.). A gallon of MARKSMAN also contains 2.1 lbs. of atrazine as an active ingredient (.26 lbs./pt.) - consider this when reading the next section on rotations.

**ROTATIONAL CROPS:** MARKSMAN contains some atrazine (.26 lbs./pint) so follow these directions: (1) If treated crop is destroyed due to weather conditions such as hail, flooding, etc., only corn or sorghum can be planted as a replacement until the following year. If corn is replanted, do not apply MARKSMAN or BANVEL until

after emergence. Consult label of each product for application directions and do not exceed the maximum yearly use rate for MARKSMAN or BANVEL. If sorghum is the replanted crop only Banvel is registered for postemergence application - also follow label directions and don't exceed maximum yearly use rate. (2) If applied after June 10, do not rotate with crops other than corn or sorghum the next year, or injury to the rotated crop may occur. (3) In the High Plains and Inter-mountain areas of the West, where rainfall is sparse and erratic or where irrigation is required, use only when corn or sorghum is to follow corn, or when a crop of untreated corn or sorghum is to precede other rotational crops. (4) Plant only corn, sorghum, soybeans or peanuts the year following treatment. For soils containing a calcareous surface layer such as those found in eastern parts of the Dakotas, KS., western MN. and NE., injury may occur to soybeans planted the year following application. (5) Small grains may be planted 10 months following treatment and all other crops not previously designated to follow a treated corn crop may be planted 18 months after application.

**SENSITIVE CROP PRECAUTIONS:** MARKSMAN Herbicide may cause injury to desirable broadleaf plants and trees, when contacting their roots, stems or foliage. To avoid potential off-target herbicide movement:

- o Do not apply MARKSMAN in general vicinity of tobacco and tomatoes.
- o Use nozzles designed to produce large spray droplets such as Delavan Raindrops, Spraying Systems XR flat fans or large capacity flood nozzles such as Delavan D10, Spraying Systems TK10-or greater capacity.
- o Use a spray pressure of 20 psi or less, 10 gpa spray volume or more.
- o MARKSMAN Herbicide is intended for early season application. Although off-target movement is usually not significant at that time, Sandoz Crop Protection does recommend certain precautions be taken. Do not make application when high winds are moving toward sensitive crops, inversions are present or high temperatures are expected on the day of application.

Corn growing under stress-including but not limited to moisture, low temperatures, drought, hail and poor fertility 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.

**REFER TO THE CONTAINER LABEL FOR INSTRUCTIONS  
CONCERNING DISPOSAL OF WASTE AND CLEANING RINSES.**

## MIXING AND APPLICATION

MARKSMAN Herbicide is a water-dispersible formulation that can be applied using water or sprayable fluid fertilizer as the carrier. Use of sprayable fluid fertilizer as a carrier after the corn emerges may result in crop injury. If a fluid fertilizer is to be used, a compatibility test (see COMPATIBILITY TEST on page ) should be made prior to tankmixing.

Ground or aerial application equipment which will give good spray coverage of weed foliage should be used. However, do not use aerial application equipment if broadleaf crops are growing in the vicinity of the area to be treated.

Before making application, be sure all equipment is clean and not contaminated with any other materials or crop injury or sprayer clogging may result.

Apply 10 to 50 gallons of diluted spray per treated acre when using ground application equipment, or 3 to 10 gallons of diluted spray per treated acre when using aerial application equipment. Use the higher level of the listed spray volumes when treating dense or tall vegetation. Use coarse sprays. Thoroughly clean equipment following applications of MARKSMAN Herbicide. Any tankmix with a water-dispersible formulation will require the use of a water/detergent rinse.

Avoid cultivating treated areas for at least seven days following postemergence application.

## BAND TREATMENTS

MARKSMAN Herbicide may be applied as a band treatment. Use the formulas below to determine the appropriate rate and volume per treated acre.

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast RATE per treated acre} = \text{Band RATE per treated acre}$$

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast VOLUME per treated acre} = \text{Band Volume per treated acre}$$

## COMPATIBILITY TEST

Before mixing in the spray tank, it is advisable to test compatibility by mixing all components in a small container in proportionate quantities (see following table).

**Amount of Herbicide to Add to One Pint of Spray Carrier  
(Assuming Volume is 25 Gallons per Acre)**

<u>HERBICIDE FORMULATIONS</u>	<u>RATE PER ACRE</u>	<u>LEVEL TEASPOONS</u>
Dry	1 lb.	1 1/2
Liquid	1 pt.	1/2

If herbicide(s) do not ball-up or form flakes, sludge, gels, oily films or layers, or other precipitates, then the tested spray mix is compatible. Usually incompatibility in any of the above described forms will occur within 5 minutes after mixing.

If components are incompatible, the use of a compatibility agent is recommended. Rerun the above COMPATIBILITY TEST with a suitable compatibility agent (1/4 teaspoon is equivalent to 2 pints per 100 gallons of fluid fertilizer).

### WEEDS CONTROLLED

MARKSMAN Herbicide, when applied at recommended rates, will control many ANNUAL broadleaf weeds and give growth suppression of many PERENNIAL broadleaf weeds commonly found in corn.

### ANNUALS

buckwheat, wild	mallow, Venice	ragweed, giant
burcucumber	morningglory, ivyleaf	(buffaloweed)
chickweed, common	morningglory, tall	sicklepod
clovers, (annual)	mustard, wild	sida, prickly
cocklebur, common	mustards, (yellowtops)	(teaweed)
cucumber, wild	nightshade, black	smartweed, green
jimsonweed	pigweed, prostrate	smartweed, Pennsylvania
kochia	pigweed, redroot	Spanishneedles
kochia (triazine resistant)	(carelessweed)	spurge, prostrate
ladysthumb	pigweed, rough	sunflower, common (wild)
lambsquarters, common	pigweed, smooth	sunflower, volunteer
lambsquarters, (triazine resistant)	pigweed, (triazine resistant)	tansymustard
mallow, common	pigweed, tumble	thistle, Russian
	puncturevine	velvetleaf
	purslane, common	

may be on of 3 pints (1/2 pint) on fine texture soils

NOT apply to corn

MARKSMAN **PERENNIALS**

alfalfa	dandelion, common	lespedeza
artichoke, Jerusalem	dock, broadleaf	milkweed, common
bindweed, field	(bitterdock)	smartweed, swamp

bindweed, hedge  
clovers (perennials)

dock, curly  
dogbane, hemp  
horsenettle, Caroline

thistle, Canada  
vetch

## RATES AND TIMINGS

### PREPLANT/PREEMERGE IN NO TILLAGE CORN

Applications of MARKSMAN may be made before, during, or after planting for control of emerged and actively growing broadleaf weeds.

See Application Table below for use directions.

Application Table

<u>Soil Texture</u>	<u>Organic Matter</u>	<u>MARKSMAN RATE</u>
Medium or Fine (a)	2 % or above (including soils above 8%)	3 1/2 pints
Medium or Fine	Below 2 %	(c)
Coarse (b)	2 % or above	2 pints
Coarse	Below 2 %	(c)

- (a) Fine texture - silty clay, silty clay loam, clay.
- (a) Medium texture - loam, silt loam, silt, sandy clay and sandy clay loam.
- (b) Coarse texture - sandy, sandy loam and loamy sand.
- (c) Delay application until after corn emergence - see EARLY POSTEMERGENCE SECTION for instructions.

The addition of an agriculturally approved surfactant, crop oil, or petroleum oil to the spray mixture may improve weed control - oil or other such penetrants are not to be applied after corn emergence.

When planting into a legume sod (e.g., alfalfa or clover), apply MARKSMAN Herbicide after 4-6 inches of regrowth has occurred.

### PREEMERGENCE IN CONVENTIONAL OR REDUCED TILLAGE CORN

MARKSMAN Herbicide may be applied after planting and prior to corn emergence. Application of 3 1/2 pints per treated acre should be made to medium or fine texture soils which contain 2% or greater organic matter. DO NOT apply to coarse soils or any soil with less than 2% organic matter. MARKSMAN is registered for control of a wide range of broadleaf weeds. For grass control MARKSMAN must be tank mixed with an appropriate herbicide registered to control the spectrum of grasses present. (See TANKMIX TREATMENTS on page --.)

Make applications of MARKSMAN to corn covered with at least 1 1/2 inches of soil - that is free of soil clods - and under conditions that favor normal seed emergence. During unfavorable growing conditions (cold, wet soil), direct herbicide contact with seed or other improper crop management practices could impair seed development and result in reduced corn population. Avoidance of these stresses will allow for normal plant development.

Do not incorporate preemergence applications of MARKSMAN. In dry weather a rotary hoe can be used to break soil crust but do not disturb the soil more than one-half inch deep. Avoid tillage equipment (e.g., drags, harrows) which concentrate treated soil over seed furrow, as seed damage could result.

SEE TANK MIX SECTION FOR GRASS AND ADDITIONAL BROADLEAF WEED CONTROL.

**EARLY POSTEMERGENCE  
(ALL TILLAGE SYSTEMS)  
(Emergence to 5th true leaf stage)**

MARKSMAN Herbicide at 3 1/2 pts. per treated acre may be applied during the period from corn emergence through the 5th leaf stage. For corn growing on coarse textured soils (sand, sandy loam, loamy sand), reduce the rate to 2 pints per treated acre.

For drought stressed weeds the addition of an agriculturally approved nonionic surfactant to the spray mixture may improve weed control. However, do not use adjuvants containing penetrants such as petroleum and crop oils after crop emergence - injury may result.

**OVERLAY  
(SEQUENTIAL TREATMENTS)**

MARKSMAN Herbicide may be applied to ground previously treated with one or more of the following herbicides:

Herbicide	Maximum rate per treated acre (lbs. a.i.)
alachlor(Lasso)	4
alachlor + glyphosate premix(Bronco)	5
atrazine (see important Section-Rotational Crops)	3
butylate(Sutan + )	6
cyanazine(Bladex)	4
EPTC + (Eradicane)	6
glyphosate(Roundup)	5
metolachlor(Dual)	3
paraquat	1
pendimethalin(Prowl)	2
propachlor(Bexton, Ramrod)	6

Read and follow the label of each of the above products for precautionary statements, directions for use and other restrictions.

## TANKMIX TREATMENTS

MARKSMAN Herbicide will control emerged and actively growing broadleaf weeds when applied prior to, during, or after planting but before the corn exceeds the 5 leaf stage. MARKSMAN Herbicide may be tankmixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. When tankmixing MARKSMAN with other products, read the label of each tankmix partner for precautionary statements, directions for use and other restrictions. Also, read the MARKSMAN label.

**Marksman PLUS BLADEX:** Application may be made before grasses are 1 1/2 inches tall and the corn is not beyond the four true leaf stage. Use 1.25-4.0 lbs. a.i. Bladex per treated acre for preemergence and 1.25-2.0 lbs. a.i. for postemergence treatments. AFTER CORN EMERGENCE, USE ONLY THE BLADEX 90DF or 80W FORMULATIONS.

**Marksman PLUS DUAL:** Application may be made after planting and until grasses reach the two-leaf stage but before corn is greater than 3 inches tall. Applications prior to crop emergence should only be applied on medium to fine textured soils containing 2.5% or more organic matter. Use 1.5-2.5 lbs. a.i. Dual per treated acre.

**MARKSMAN PLUS LASSO:** Application may be made after planting and until grasses reach the two-leaf stage but before corn is greater than 3 inches tall. Applications prior to crop emergence should only be made to fine textured soils containing more than 2.5% organic matter. Apply 2.5 lbs. a.i. Lasso per treated acre.

**Marksman PLUS PARAQUAT:** Application may be made to emerged weeds, but before corn emerges. Use 0.25-1.0 lb. a.i. paraquat per treated acre.

**Marksman PLUS PROWL:** Application may be made immediately after planting, but before weeds or crop emerge. Do not apply following preemergence Prowl applications. Apply only to medium soils with more than 3.0% organic matter and fine soils with 2.0% or more organic matter. Prowl rate is 1.5 lb. a.i. per treated acre.

**Marksman PLUS ROUNDUP:** Application may be made to emerged weeds, but before corn emerges. Use 1.0-3.0 lbs. a.i. Roundup per treated acre.

**Marksman PLUS ATRAZINE:** For additional broadleaf weed control apply after planting but before the corn exceeds the 5 leaf stage. See RATES AND TIMINGS section for soil type and organic matter restrictions, plus the IMPORTANT section for rotational restrictions.

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Refer to table below for rates.

<u>Soil Texture</u>	<u>Marksman Rate</u>	<u>Maximum Atrazine rate per Treated Acre</u>
Medium	3 1/2 pts.	1.5 lbs. a.i.
Fine	3 1/2 pts.	2.1 lbs. a.i.

Peat, muck, and high organic clay soils - Do not apply preemerge.

#### Registered Trademarks

*Bexton* is a registered trademark of Dow Chemical Company.

*Bladex* is a registered trademark of E.I. du Pont de Nemours & Co. (Inc.)

*Bronco*, *Lasso*, *Ramrod*, and *Roundup* are registered trademarks of Monsanto Agricultural Products Company.

*Dual* is a registered trademark of Ciba-Geigy Corporation, Agricultural Division.

*Eradicane* and *Sutan* + are registered trademarks of I.C.I. Chemical Company.

*Prowl* is a registered trademark of American Cyanamid Company.

JW/tp

Route, Decatur,  
Hickman,  
Elon, Marshall  
Waynesboro, VA

# **ENDANGERED SPECIES RESTRICTIONS**

Before using this pesticide on corn in the counties listed below, you must obtain the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES for the county in which the product is to be used. The bulletin is available from your County Extension Agent, State Fish and Game Office, or your pesticide dealer. Use of this product in a manner inconsistent with the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES is a violation of Federal laws.

## **Alabama**

Colbert, Greene, Jackson, Lamar, Lauderdale, Limestone, Madison, Marshall, Morgan, Pickens and Sumter

## **Missouri**

Barry, Benton, Camden, Christian, Dallas, Greene, Hickory, Jasper, Lawrence, Miller, Newton, Osage, Polk, St. Clair, Stone and Webster

## **Arizona**

Graham, Maricopa, Mohave, Pima, Pinal, and Santa Cruz

## **Nevada**

Clark

## **Arkansas**

Benton, Clay, Clark, Cross, Lawrence, Lee, Poinsette, Polk, Randolph, Sharp and St. Francis

## **New Mexico**

Chaves, DeBaca and Eddy

## **North Carolina**

Edgecombe, Nash and Pitt

## **California**

Butte, Colusa, Glenn, Imperial, Merced, Modoc, Riverside, Sacramento, Solano, Sutter, Tehama and Yolo

## **Ohio**

Pickaway

## **Florida**

Broward, Dade, Glades, and Palm Beach

## **Oklahoma**

Delaware, McCurtain and Pushmataha

## **Kentucky**

Ballard, Butler, Edmundson, Green, Hart, Jackson, Laurel, Livingston, Marshall, McCracken, McCreary, Pulaski, Rockcastle, Taylor, Warren and Wayne

## **Oregon**

Lake

## **Mississippi**

Claiborne, Copiah, Hinds, Itawamba, Lowndes, Monroe and Noxubee

## **Tennessee**

Bedford, Blount, Claiborne, Decatur, Franklin, Hancock, Hardin, Hickman, Knox, Lawrence, Lincoln, Loudon, Marshall, Maury, Meigs, Monroe, Rhea, Roane, Scott, Sequatchie, Smith, Sullivan and Wayne

**Texas**

Bastrop, Burleson, Comal, Harris,  
Hays, Jeff Davis, Pecos and Reeves

**Utah**

Utah and Washington

**Virginia**

Lee, Russell, Scott, Smyth, Tazewell,  
Washington and Wise

**LIMITED WARRANTY AND LIABILITY**

**NOTICE:** Read this Limited Warranty and Liability before buying or using this product. If the terms are not acceptable, return it at once unopened. It is critical that this product be used and mixed only as specified on the label. The laws of a State may make some or all of this paragraph inapplicable or may give you rights in addition to your rights hereunder. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of this Company or any other Seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for quantity of product involved. Except to the extent prohibited by State law, there is no warranty, and this Company and other Sellers disclaim all liability for losses, personal injury or damages: (I) arising from any use of this product in a manner or for a purpose not recommended in its label directions, or from mixing this product before use with any substance except as recommended by the product's label. (II) arising from handling or storage in violation of label instructions (III) for all indirect, special or consequential damages, (IV) when not reported to this Company within one year of discovery, and (V) arising from product not used within the label designated shelf life of four years from date of purchase whichever first occurs.

**THERE ARE NO IMPLIED WARRANTIES AND NO WARRANTIES OF MERCHANTABILITY OR FITNESS.**

**SANOUZ CROP PROTECTION CORPORATION**  
Des Plaines, IL 60018

Reg no: 55947-39

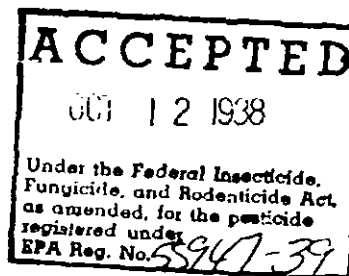
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MARKSMAN HERBICIDE - POST HARVEST - FALLOW

SUPPLEMENTAL LABELING

FOR POST-HARVEST WEED CONTROL ON FALLOW GROUND IN  
WHEAT/FALLOW/WHEAT ROTATION, OR A WHEAT/CORN OR SORGHUM/FALLOW  
ROTATION

EPA REG. NO. \_\_\_\_\_



ACTIVE INGREDIENTS:

Potassium salt of Dicamba	13.42%
(3,6-dichloro-o-anisic acid)*	
Potassium salts of related acids	3.35%
Atrazine**	22.23%

INERT INGREDIENTS:

61.00%

TOTAL= 100.00%

\* Equivalent to 11.45% 3,6-dichloro-o-anisic acid (dicamba) or  
1.1 pounds a.i./gallon.

\*\* Equivalent to 22.23% 2-chloro-4-ethylamino-6-isopropylamino-  
s-triazine (atrazine) or 2.1 pounds a.i./gallon.

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SUPPLEMENTAL LABELING

KEEP OUT OF REACH OF CHILDREN: CAUTION

SHAKE WELL BEFORE USING.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

CAUTION:

Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling. In case of contact, wash skin with soap and water; for eyes flush with water for 15 minutes and get medical attention.

ENVIRONMENTAL HAZARDS:

Keep out of lakes, streams or ponds. This pesticide is toxic to aquatic invertebrates. Do not apply directly to water or wetlands. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning or equipment or disposal of wastes.

MARKSMAN 3.2FL APPLIED TO FALLOW GROUND

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.

CAUTION: This product contains atrazine (0.26 lbs a.i./pint) and dicamba (0.138 lbs a.i./pint) - therefore

SUPPLEMENTAL LABELING

MARKSMAN 3.2FL APPLIED TO FALLOW GROUND

DIRECTIONS FOR USE (cont.):

some rotational crop restrictions and sensitive crop precautions may apply - refer to the MARKSMAN label for restrictions or precautions that may pertain to use on fallow ground in either cropping system covered in this supplemental labeling.

Surfactants (nonionic), crop oil concentrate, or fluid fertilizers added to the spray mixture may improve weed control, particularly on weeds growing under stressed conditions such as drought.

IMPORTANT:

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

Atrazine leaches readily and accepted label rates may result in contamination of groundwater supplies by way of leaching. Users are advised, therefore, to avoid application of atrazine on coarse, well-drained soils, particularly in areas with a high groundwater table.

Risk of atrazine carry-over exists with use on fallow ground if not used according to local University Experiment Station herbicide use recommendations and the

SUPPLEMENTAL LABELING

MARKSMAN 3.2FL APPLIED TO FALLOW GROUND

DIRECTIONS FOR USE (cont.):

atrazine label. Consult with your local Experiment Station personnel for the correct recommended atrazine use rate for your area and soil.

MIXING AND APPLICATION:

MARKSMAN Herbicide is a water-dispersible formulation that can be applied in 10 to 50 gallons of water as the spray carrier per treated acre using ground equipment. Apply 3 to 10 gallons of diluted spray per treated acre when using aerial application equipment. Read and follow the "SENSITIVE CROP PRECAUTIONS" section of this label, particularly if MARKSMAN is aerially applied. Provide sufficient agitation during mixing to maintain a uniform spray mixture.

Tank Mixes: To ensure a uniform mixture when MARKSMAN Herbicide is tankmixed with one or more other products, follow this procedure: Fill the spray tank approximately one-third full with water and with the agitator operating. add the recommended amount of ingredients using the following order: dry formulations (e.g. wettable powders, dry flowables) first, and liquid suspensions (e.g. flowables) next. Mix thoroughly and fill the tank to one-half full with continuous agitation. Add Emulsifiable Concentrate formulations last while maintaining agitation

SUPPLEMENTAL LABELING

MARKSMAN 3.2FL APPLIED TO FALLOW GROUND

DIRECTIONS FOR USE (cont.):

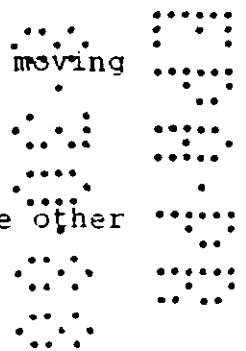
and then complete filling the spray tank with water. If a surfactant is to be used, add it last. If a drift control agent is to be used, follow the directions for mixing on the specific product label.

SENSITIVE CROP PRECAUTIONS:

MARKSMAN Herbicide may cause injury to desirable broadleaf plants and trees when contacting their roots, stems, and/or foliage. To avoid potential off-target herbicide movement:

- \* Do not apply MARKSMAN in the general vicinity of tobacco and tomatoes, or other highly sensitive plants.
- \* Use nozzles designed to produce large spray droplets.
- \* Use a spray pressure of 30 psi or less, and 10 gpa or more spray volume.
- \* Do not make applications when high winds are moving towards sensitive crops, plants, or trees.

Consult your local or state authorities for possible other application restrictions and/or advice.



SUPPLEMENTAL LABELING - WEEDS CONTROLLED

MARKSMAN 3.2FL APPLIED TO FALLOW GROUND

ANNUALS - PREEMERGENCE

Cheatgrass  
Kochia  
Lambsquarters, common  
Mustard  
Mustard  
Thistle, Russian  
Wild Lettuce

Downy brome  
Jointed goatgrass  
Rye  
Volunteer barley  
Volunteer wheat  
Wild oats

PERENNIAL & BIENNIAL

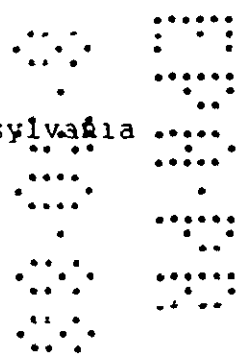
BROADLEAF WEEDS -

POSTEMERGENCE

MARKSMAN will provide  
suppression or burndown  
of perennial or biennial  
broadleaf species..

ANNUALS - POSTEMERGENCE

Buckwheat, wild  
Burdock  
Chickweed, common  
Clovers (annual)  
Cucumber, wild  
Jimsonweed  
Kochia  
Lambsquarters, common  
Mallow, common & Venice  
Morningglory, tall ivyleaf  
Mustard, wild, yellowtops & tansy  
Nightshade, black  
Pigweed, redroot, rough, smooth  
Puncturevine  
Purslane, common  
Ragweed, common  
Sicklepod  
Sida, prickly  
Smartweed, green & Pennsylvania  
Spanish needles  
Spurge, prostrate  
Thistle, Russian  
Velvetleaf



Triazine resistant species are also controlled.

7 3 15

SUPPLEMENTAL LABELING - WHEAT/FALLOW/WHEAT

MARKSMAN USE IN: CO, KS, NE, OK, SD, TX, & WY

For preemergence or postemergence control or suppression of the weed species listed in this label, apply MARKSMAN 3.2FL as a broadcast treatment alone or tankmixed with appropriate herbicides on all soils except those listed under the "Precautions" section of this label. A split application of MARKSMAN can be made after wheat harvest, but only in the summer to fall timeframe - the maximum labeled rate of 3.5 pints/A should not be exceeded, a split treatment should not be made in the spring, and all appropriate crop rotation restrictions must be followed.

APPLICATION TIMINGS:

PREEMERGENCE: Apply MARKSMAN 3.2FL as a broadcast preemergence treatment at the rates and timing shown in the table below. For best results, MARKSMAN should be applied within 10 days following wheat harvest.

APPLICATION TIMING	MARKSMAN APPLICATION RATE		
	(pints / Acre)		
SUMMER - FALL.....	2.0 - 3.5		
(June - November)			

To obtain effective control of listed annual broadleaf weeds, preemergence applications must be made prior to weed emergence.

SUPPLEMENTAL LABELING - WHEAT/FALLOW/WHEAT (cont.)

APPLICATION TIMINGS (cont.):

If actively growing weeds are present at the time of application, refer to the "POSTEMERGENCE" section of this label for use directions.

ACTIVE INGREDIENTS PER PINT OF MARKSMAN 3.2FL:

MARKSMAN	DICAMBA	+	ATRAZINE
	_____lbs a.i._____		
2.0 pints	0.28	+	0.53
2.5 pints	0.34	+	0.66
3.0 pints	0.41	+	0.79
3.5 pints	0.48	+	0.92

POSTEMERGENCE: MARKSMAN can be applied in either the Summer or Fall following wheat harvest to emerged actively growing weeds. For best performance, an agriculturally approved spray additive, such as a surfactant, crop oil concentrate, or fluid fertilizer is recommended to enhance spray coverage and herbicide penetration of the weed foliage. For best performance, apply MARKSMAN to ANNUAL weeds that are less than four inches tall, and at least 6 hours prior to anticipated precipitation.

For control of PERENNIAL or BIENNIAL weed species on Fallow ground, MARKSMAN Herbicide can be tankmixed with BANVEL Herbicide. Refer to the BANVEL Herbicide label under "Between Cropping Applications" (BCA) use directions.

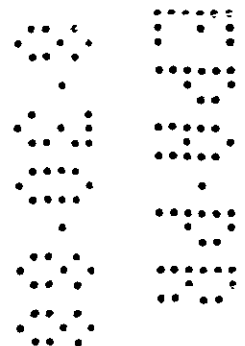
SUPPLEMENTAL LABELING - WHEAT/FALLOW/WHEAT

ROTATIONAL CROPS:

The application rates and timings in this label pertain only to a cropping system of WHEAT/FALLOW/WHEAT or WHEAT/CORN OR SORGHUM/FALLOW. If any other crop is to be substituted for wheat, corn, sorghum or the fallow period, the crop rotation restrictions on the MARKSMAN-CORN label must be adhered to.

PRECAUTIONS: To avoid crop injury:

- 1) Do not use on sand soils.
- 2) Do not treat erodable hillsides, caliche, and rocky outcroppings, or exposed calcareous subsoil.
- 3) Do not treat soils of the Rosebud and Canyon series in Western NE and adjoining counties in CO and WY.
- 4) Do not treat soils with calcareous surface layers.
- 5) Avoid overlap.



SUPPLEMENTAL LABELING-WHEAT/CORN OR SORGHUM/FALLOW

MARKSMAN USE IN: CO. KS. NE. OK & TX

APPLICATION TIMINGS:

PREEMERGENCE or POSTEMERGENCE: For control of annual broadleaf or grass weeds following wheat harvest and in the following corn or sorghum crop when grown under minimum tillage, apply 2 to 11 pints/Acre of MARKSMAN as a broadcast treatment to wheat stubble immediately following wheat harvest. For best results, apply MARKSMAN within 10 days following wheat harvest and at least 5 hours prior to anticipated precipitation.

Plant corn or sorghum the following spring with minimum soil disturbance. Use a surface planter or a planter leaving a shallow furrow. If weeds are present at planting, remove them with a sweep plow or other suitable implement before planting.

An additional 1 pint of BANVEL Herbicide can be tankmixed with MARKSMAN for suppression of broadleaf perennial species if present at the time of application. Refer to the "tankmix" section of this label for other herbicides that may be used in combination with MARKSMAN for control of grasses or additional broadleaf weeds. When tankmixing MARKSMAN with other products, read the label and follow the directions of each tankmix partner.

PRECAUTIONS: 1) Use only on silt loam soil or finer-textured soils, or crop injury may result; 2) Wheat/corn or sorghum/fallow cropping sequence must be followed; 3) Do not apply following sorghum harvest.

SUPPLEMENTAL LABELING-WHEAT/CORN OR SORGHUM/FALLOW

MARKSMAN USE IN CO. KS, NE, OK & TX

APPLICATION TIMINGS (cont.):

NOTE: To avoid illegal residues, do not graze or feed forage from treated area to livestock. To avoid illegal residues and crop injury, do not plant any crop other than those listed on this supplemental or the MARKSMAN label within 18 months following treatment.

A split application of MARKSMAN may be made after wheat harvest, but only during the summer to fall timeframe - the maximum labeled rate of 11 pints/A should not be exceeded, a split treatment should not be made in the spring, and all appropriate crop rotation restrictions must be followed.

NOTE: In areas where a higher ratio of atrazine to dicamba is needed (i.e. a 4 parts atrazine to 1 part dicamba ratio in OK & TX), atrazine can be tankmixed with MARKSMAN. Do not exceed the 11 pints/A rate of MARKSMAN or the equivalent 6 pints/A rate of atrazine 4L, and read the precautions concerning soil textures, split applications, and cropping sequence.

Example: Six (6) pints/A of MARKSMAN applied delivers 0.825 lbs a.i./A of Dicamba plus 1.5 lbs a.i./A of atrazine. Tankmixing an additional 3 pints/A of atrazine 4L (equal to 1.5 lbs a.i./A) to the 6 pints/A of MARKSMAN will provide approximately a 4:1 ratio of atrazine to dicamba (3.1 lbs a.i./A of atrazine plus 0.825 lbs a.i./A of dicamba).

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SUPPLEMENTAL LABELING

MARKSMAN 3.2FL TANKMIXES - POST HARVEST - FALLOW

WHEAT/FALLOW/WHEAT or WHEAT/CORN-SORGHUM/FALLOW

2.4-D: Apply 0.125 to 1.0 lb a.i./A as a tank mixture to MARKSMAN for improved postemergence burndown of annual or perennial broadleaf weeds. Burndown activity will particularly be enhanced on weeds growing under drought conditions or weeds that have been "topped" during the harvest operation.

Roundup or Roundup RT: Apply as a tank mixture to MARKSMAN for postemergence control of additional grass weeds or broadleaf weeds at a maximum rate of 16 ozs/Acre. Refer to the Roundup label for use directions, precautions, and limitations.

Landmaster BW: Apply as a tank mixture for postemergence control of certain broadleaf and grass weeds at a rate of 27 to 54 ozs/Acre. Refer to the Landmaster label for use directions, precautions, weeds controlled, and limitations.

Landmaster II: Apply as a tank mixture for postemergence control of certain broadleaf and grass weeds at a rate of 27 to 54 ozs/Acre. Refer to the Landmaster II label for use directions, precautions, weeds controlled, and limitations.

SUPPLEMENTAL LABELINGMARKSMAN 3.2FL TANKMIXES - POST HARVEST - FALLOW

WHEAT/FALLOW/WHEAT or WHEAT/CORN-SORGHUM/FALLOW

Fallow Master: Apply as a tank mixture for postemergence control of certain broadleaf and grass weeds at 32 to 44 ozs/acre. Refer to the Fallowmaster label for use directions, precautions, and limitations.

Gramoxone, Cyclone, Paraquat: Use as a tank mixture for additional postemergence control of certain broadleaf and grass weeds at 0.38 to 0.5 lb a.i./A. Refer to the Gramoxone label for use directions, precautions, and limitations.

Glean: Apply as a tankmix for additional preemergence or postemergence control of certain broadleaf weeds at 1/6 to 1/2 oz of product/A. Refer to the Glean label for use directions, precautions, and limitations.

Ally: Apply as a tankmix for additional preemergence or postemergence control of certain broadleaf weeds at 1/10 oz product/A. Refer to the Ally label for use directions, precautions, and limitations.

Command: Apply as a tankmix for additional preemergence control of certain broadleaf and grass weeds at 0.5 to 1.0 lba a.i./A. Refer to the Command label for use directions, precautions, and limitations.

SUPPLEMENTAL LABELINGMARKSMAN 3.2FL APPLIED TO FALLOW GROUNDSTORAGE AND DISPOSAL:PROHIBITIONS:

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL:

Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State, or local procedures under Subtitle C of the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL:

For plastic containers: triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL:

Consult Federal, State, or local disposal authorities for approved alternative procedures such as limited burning.

SUPPLEMENTAL LABELING

TRADEMARKS:

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