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pm25  
REG. #876-451

Marksman™ Herbicide

ACTIVE INGREDIENTS:

Potassium Salt of dicamba*	13.42%
Potassium Salt of related acid	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 lbs./gal.

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

Roll or shake before using.

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KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

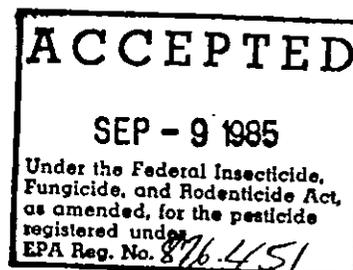
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EPA Reg. No. 876-

EPA Est. No.

NET CONTENTS: 2 1/2 Gallons

VELSICOL CHEMICAL CORPORATION  
341 East Ohio Street  
Chicago, IL 60611



**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**

**1. PROHIBITIONS**

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

**2. 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.

**3. 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.

**For Metal Containers:**

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**4. GENERAL**

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

**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 the 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.

5/3/85

**Marksman Herbicide**

**Marksman Herbicide**

For season-long broadleaf weed control in field and silage corn grown in conventional, reduced and no-tillage systems.

**Directions For Use**

**BEFORE USING MARKSMAN HERBICIDE READ AND FOLLOW THE PRECAUTIONS APPEARING ON THE CONTAINER.**

\* \* \*

**IMPORTANT**

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

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

Corn 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.

Broadleaf crops are sensitive to Marksman herbicide and contact may result in crop injury. Do not apply when weather conditions favor drift from target areas.

Prior to the ensilage (milk) stage of the crop, do not harvest or graze corn for dairy or beef feed.

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.**

**ACCEPTED**

SEP - 9 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 876-451

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**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 a sprayable fluid fertilizer 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 tank mixing.

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 tank mix 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.

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**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).

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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

PERENNIALS

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

- alfalfa
- artichoke, Jerusalem
- bindweed, field
- bindweed, hedge
- clovers (perennials)
- dandelion, common
- dock, broadleaf  
(bitterdock)
- dock, curly
- dogbane, hemp
- Lorsenettle, Carolina
- lespedeza
- milkweed, common
- smartweed, swamp
- thistle, Canada
- vetch

**RATES AND TIMINGS**

Application of Marksman™ herbicide may be made prior to, during, or after planting; but before the crop exceeds the 5 leaf stage. For best performance, make application when broadleaf weeds are emerged and actively growing. Refer to the table below for specific application rates, based on soil texture and organic matter content.

SOIL TEXTURE	BROADCAST RATE PER TREATED ACRE	
	2% or less organic matter	more than 2% organic matter
<b>COARSE SOILS</b> sand, sandy loam and loamy sand ..	2 pints	3 pints
<b>MEDIUM SOILS</b> loam, silt loam, silt, sandy clay and sandy clay loam .....	3 pints	3.5 pints
<b>FINE SOILS</b> silty clay, silty clay loam, clay loam and clay ...	3 1/2 pints	3.5 pints

ALL SOILS CONTAINING GREATER THAN 8% ORGANIC MATTER - USE 3.5 PINTS PER TREATED ACRE.

The addition of an agriculturally approved surfactant, crop oil, or petroleum oil to the spray mixture may improve weed control. A surfactant or oil may be used with all preplant and preemergence applications of Marksman™ herbicide. However, do not use oil when making post emergence applications.

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## 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
atrazine	3
Bicep (atrazine + metolachlor premix)	4.5
Bronco (alachlor + glyphosate premix)	5
butylate (Sutan+)	6
cyanazine (Bladex)	4
EPTC (Eradicane)	6
glyphosate (Roundup)	5
metolachlor (Dual)	3
paraquat	1
pendimethalin (Prowl)	2
propachlor (Bexton, Ramrod)	6
simazine (Princep)	4

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

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TANK MIX TREATMENTS

Marksman herbicide will control emerged and actively growing broadleaf weeds prior to, during, or after planting but before the corn exceeds the 5 leaf stage. Marksman 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, and other restrictions.

Marksman PLUS ATRAZINE: Application may be made before grasses are 1-1/2 inches tall. Use 1.25-3.0 lbs. a.i. atrazine per treated acre. If atrazine was previously applied, do not apply more than a total of 3.0 lbs. a.i. atrazine per treated acre per year.

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 treatments or 1.25-2.0 lbs. a.i. Bladex per treated acre for postemergence treatments. AFTER CORN EMERGENCE, USE ONLY THE BLADEX 80W FORMULATION.

Marksman PLUS DUAL: Application may be made until grasses reach the two-leaf stage and before corn is greater than 3 inches tall. Applications prior to crop emergence should only be made 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 until grasses reach the two-leaf stage and before corn is greater than 3 inches tall. Applications prior to crop emergence should only be made to fine textured soils containing 3% or more organic matter. Use 1.5-4.0 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 PRINCEP: Application may be made before weeds and corn emerge. Use 2.0-3.0 lbs. a.i. Princep per treated acre.

Marksman PLUS PROWL: Application may be made immediately after planting, but before grasses and corn emerge. Make applications only on medium or fine textured soils containing greater than 2-1/2% organic matter. Use the 1.0-2.0 lbs. a.i. Prowl 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.

(Cont'd)

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Tank Mix Treatments (Cont'd)

**Marksman PLUS 2,4-D:** Application may be made to emerged and actively growing weeds prior to, during, and after planting but before corn exceeds the 5 leaf stage. Use 1/4-1/2 lb. 2,4-D acid acid equivalent per treated acre before corn emerges and 1/8-1/4 lb. 2,4-D acid equivalent per treated acre after corn emerges.

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