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264-424

MALLET™ PM Bromoxynil Atrazine Broadleaf Herbicide

ACTIVE INGREDIENTS:

3,5-dibromo-4-hydroxybenzotrile* 10.5%
2-chlor-4-(ethylamino)-6-(isopropylamino)-s-triazine** 31.5%

INERT INGREDIENTS: 58.0%

*Total Bromoxynil (3,5-dibromo-4-hydroxybenzotrile)
1.0 pound per gallon.

**Total Atrazine (4-chlor-4-(ethylamino)-6-(isopropylamino)-s-triazine
3.0 pounds per gallon.

EPA Reg. No. 264-

EPA Est. No. 264-MO-01

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS: See inside booklet

IN CASE OF EMERGENCY, TELEPHONE COLLECT (24 HOURS A DAY) IN THE USA
(304) 744-3487
FOR GENERAL PRODUCT INFORMATION CALL 800-334-9745

©Union Carbide Agricultural Products Company, Inc.
Post Office Box 12014, T. W. Alexander Drive
Research Triangle Park, North Carolina 27709

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ACCEPTED

AUG - 8 1986

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 264-424

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Do not eat or use tobacco while using. Wash exposed skin thoroughly with soap and water after use and before eating or using tobacco. Remove and wash contaminated clothing before reuse. Keep MALLETTTM PM Bromoxynil Atrazine Broadleaf Herbicide away from domestic animals.

STATEMENT OF PRACTICAL TREATMENT

If on skin: Wash with plenty of soap and water.

If in eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

If swallowed: Call a physician or Poison Control Center. Drink 1 to 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN

Vomiting may be induced or gastric lavage used. There is no specific antidote for this product. Treatment should be directed at symptoms and general clinical condition.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water used for irrigation or domestic purposes by cleaning of equipment or disposal of waste. Avoid spray drift onto neighboring crops or pastures. Clean sprayer thoroughly before using for other purposes.

STORAGE AND DISPOSAL

STORAGE

Do not store near fertilizers, seed, insecticides or fungicides.

PESTICIDE DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If container is broken or contents are spilled, wear full-length trousers, long sleeved shirt and protective gloves before cleaning up.

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CONTAINER DISPOSAL

Do not reuse empty container. Triple rinse or equivalent. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration or if allowed by state and local authorities, by burning. If container is burned, stay away from and do not breathe smoke.

DIRECTIONS FOR USE

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

GENERAL INFORMATION CROP USE

Postemergence application of MALLET™ PM Bromoxynil Atrazine Broadleaf Herbicide effectively controls seedling broadleaf weeds susceptible to bromoxynil and atrazine.

MALLET™ PM Bromoxynil Atrazine Broadleaf Herbicide applied early controls seedling broadleaf weeds that emerge in corn (field, and pop) and sorghum, thus reducing weed competition during early crop growth.

Apply 1 quart MALLET™ PM Broadleaf Herbicide per acre after crops emerge, but before weeds are past the 3 to 4 leaf stage. Weeds that form rosettes should be treated before they reach 1-1/2 inches across.

Thorough and uniform spray coverage is essential for maximum weed control. Use 10 or more gallons of water per acre with ground sprayers with at least 30 psi nozzle pressure. Wide-spaced low pressure flood type nozzles do not give satisfactory coverage. Swath width must not exceed the length of spray boom for ground application. Use adequate spray volume for aerial application according to the label directions. The minimum spray volume may not provide sufficient coverage when weeds are dense or crop growth is vigorous.

The most important factors for effective weed control are: 1. spraying weeds in the seedling stage; 2. thorough and uniform spray coverage.

Do not apply when crop canopy covers the weeds.

Do not apply MALLET™ PM Bromoxynil Atrazine Broadleaf Herbicide in mixtures with emulsifiable spray oil, oil concentrate, surfactants or other spray adjuvants unless specified on this label. Such mixture will increase the possibility of crop injury.

Do not apply when crop is under stress from prolonged cold, wet weather, poor fertility, drought, or other factors, or when crop is wet and succulent from recent rainfall as crop injury may occur.

This product contains atrazine and should not be used on soils or in rotational cropping systems where soil residues of atrazine resulting from applications of 0.75 lbs or less active atrazine per acre may result in injury to subsequent crops as determined by local experience.

Do not rotate to any crop except corn or sorghum until the following year as injury may occur.

Do not plant sugar beets, tobacco, vegetables (including dry beans), spring-seeded small grains, or small-seeded legumes and grasses the year following applications as injury may occur.

Do not apply this product to corn or grain sorghum growing on eroded hillsides, caliche and rocky outcroppings, or exposed calcareous subsoil.

Do not treat soils of the Rosebud and Canyon series in western NE and adjoining counties in CO and WY. Do not treat soils with calcareous surface layers. Avoid spray overlap. Use under these conditions may result in crop injury or soil residues of atrazine high enough to injure subsequent crops.

Applications of MALLETTTM PM Bromoxynil Atrazine Broadleaf Herbicide prior to postemergence applications or following postemergence, preemergence or preplant applications of other herbicide products containing atrazine may result in crop injury or soil residues high enough to injure subsequent crops.

Mixing Instructions: Be sure sprayer is clean and not contaminated with other pesticides as crop injury or sprayer clogging may occur. Add 1/2 the required amount of water to the spray tank. Start agitation. Add the required amount of MALLETTTM PM Broadleaf Herbicide then add remainder of the required water.

MALLET PM on Corn (Field and Pop)

MALLET PM Bromoxynil Atrazine Broadleaf Herbicide controls seedling broadleaf weeds such as velvetleaf (buck
smartweed, sunflower, jimsonweed, wild cucumber, wild buckwheat, kochia, and other weeds, some of which are
atrazine.

MALLET PM Broadleaf Herbicide requires good spray coverage to provide effective weed control. Coarse spray
produced by flood jet nozzles may not provide adequate coverage and should be avoided.

Warm temperatures increase the speed of action of MALLET PM Broadleaf Herbicide and increase the chance of
burn on the uppermost leaves. New growth will be normal and no adverse effect has been observed on yields. Spray
dry since rain, irrigation moisture or dew increase the chance of leaf burn.

Do not cut for feed or graze within 30 days of treatment. Do not plant a rotational crop until the following

Area/Product	Rate/Acre	Crop	APPLICATION TIMING	
			Weeds	Spray Volume/A
MALLET PM	1 quart	Corn (field, pop) 2 leaf to 14" height	Velvetleaf (buttonweed), Cocklebur, Smartweed, Sunflower, Jimsonweed, Wild cucumber, Wild buckwheat, and Kochia; 2-4 leaf stage.	Use 10 or more or 5 or more g application

MALLET PM on Grain Sorghum

MALLET PM Bromoxynil Atrazine Broadleaf Herbicide controls seedling broadleaf weeds such as cocklebur, velvetleaf (buttonweed), sunflower, morningglory, kochia, smartweed, burcucumber, some of which are resistant to 2,4-D or Atrazine.

MALLET PM Bromoxynil Atrazine Broadleaf Herbicide requires thorough and uniform spray coverage to provide effective weed control. Coarse sprays such as those produced by flood jet nozzles may not provide adequate coverage and should be avoided. Although MALLET PM Broadleaf Herbicide spray drift does not harm plants like 2,4-D, high concentrations may desiccate adjacent crop foliage.

Warm temperatures increase the speed of MALLET PM Bromoxynil Atrazine Broadleaf Herbicide action on weeds and may also increase the chance of some grain sorghum foliage burn on the uppermost leaves. New growth will be normal and yields will not be reduced. Do not spray when grain sorghum foliage is wet from dew, rain or irrigation.

Do not cut for feed or graze within 30 days of treatment. Do not plant a rotational crop until the following use season.

APPLICATION TIMING				
Area/Product	Rate/Acre	Crop	Weeds	Spray Volume/Acre
MALLET PM	1 quart	Grain Sorghum 2 leaf to 14"	Cocklebur, Velvetleaf (buttonweed), Sunflower, Morningglory, Pigweed, Kochia, Smartweed, and Burcucumber; 2-4 leaf stage.	Use 10 or more gal. water for ground, or 5 or more gal. for aerial application.

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