

PROPAZINE 4L 1975
HERBICIDE

ACCEPTED
APR 9 - 1984
Under the Federal Insecticide,
Fungicide and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 2769-496

For Weed Control In Sorghum (Milo and Sweet Sorghum)

ACTIVE INGREDIENT:

Propazine: 2-chloro-4-6-bis (isopropylamino)-S-triazine	43%
INERT INGREDIENT:	<u>57%</u>
TOTAL	100%

THIS PRODUCT CONTAINS 4 LBS. OF ACTIVE PER GALLON

KEEP OUT OF REACH OF CHILDREN

WARNING

SEE PRECAUTIONARY STATEMENT

Net Contents:

EPA REG. NO. EPA EST. NO.

**MANUFACTURED FOR:
ACETO AGRICULTURAL CHEMICALS CORPORATION
126-02 Northern Blvd., Flushing, N.Y. 11368**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

KEEP OUT OF REACH OF CHILDREN

WARNING

May be fatal if inhaled. Harmful if swallowed or absorbed through the skin. Avoid contact with eyes, skin or clothing. If in eyes, wash with plenty of water and get medical attention.

If on skin, wash with plenty of soap and water. Get medical attention if irritation persists.

Wear a mask or pesticide respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health.

FIRST AID: If inhaled, move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth.

If swallowed, give milk or water. If conscious, induce vomiting by placing finger in back of throat. Get medical attention. In case of contact with the eyes, flush with plenty of water for 15 minutes; for skin, wash with soap and water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

Do not apply directly to lakes, streams or ponds by direct application, cleaning of equipment, or disposal of wastes. Do not apply when weather conditions favor drift from areas treated.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. 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 the Resource Conservation and Recovery Act. Triple rinse (or equivalent) and offer container for recycling or reconditioning, or dispose of in a sanitary landfill or by incineration if permitted by state and local authorities.

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

SHAKE WELL BEFORE USING

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General Information

PROPAZINE 4L is a selective herbicide that may be applied before planting or after planting before sorghum or weeds emerge. PROPAZINE 4L controls annual morningglory, carpetweed, lambsquarters, pigweed, ragweed, foxtail, smartweed, and velvetleaf.

Since PROPAZINE enters the weeds mainly through their roots, incorporation or moisture is needed to move it into the weed root zone. Should weeds develop, a shallow cultivation or rotary hoeing will generally result in better weed control. Do not use for weed control in greenhouses.

Mixing Instructions

Mix this product with water, nitrogen solutions, or complete liquid fertilizers and apply as a spray. Pour this product into the tank during or after filling. Hydraulic (jet) or mechanical agitation is recommended during mixing and application to keep the material in suspension. All return lines to the tank must discharge below liquid level and agitation should not be so violent as to cause air bubbles to form in the liquid. Wash sprayer thoroughly after use.

To determine compatibility, pour the product into a small container of liquid fertilizer or nitrogen solution in approximate proportion to be mixed in spray tank. Stir or shake thoroughly. Let stand 5 minutes. If it remains mixed or can be remixed readily, the mixture is compatible and can be used.

Ground Application

For the most uniform distribution of broadcast applications use flat fan-type nozzles. For band applications use flat fan even spray nozzles. Screens and strainers should be no finer than 50-mesh. Use a pump with capacity to (1) provide sufficient hydraulic agitation during mixing and application to keep the material in suspension and (2) maintain 30-40 psi operating pressure. Use a minimum of 10 gals. of water per acre. For band treatments, use a proportional volume.

For band applications, calculate the amount to be applied per acre as follows:

$$\frac{\text{band width in inches}}{\text{row width in inches}} \times \text{broadcast rate per acre} = \text{amount needed per acre}$$

Aerial Application

Apply in a minimum of 5 gals. of water per acre. Do not apply where uniform coverage cannot be obtained or where excessive spray drift may occur. Avoid application directly to humans or animals. Plagmen or loaders should avoid inhalation of spray mist or contact with skin and should wash thoroughly before eating and at the end of each day's operation.

Directions for Use

For preplant and preemergence applications, nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier with this product. See mixing instructions, under General information.

Preplant (Kansas, Nebraska, eastern Colorado, and South Dakota) Apply in the spring after plowing. If sorghum is planted on a flat soil surface, apply during or after final seedbed preparation. If sorghum is planted on beds, apply only after bed formation. Best weed control results are obtained when this product is applied within 2 weeks before planting. Shallow incorporation, not more than 2 inches deep, following application will generally result in better weed control, particularly under dry or minimum moisture conditions.

BEST DOCUMENT AVAILABLE

Broadleaf and grass weed	Broadcast* rate per acre
Soil Texture	
Sand, loamy sand	DO NOT USE
Sandy, loam, loam	4 pts.
Silt loam, clay loam	4.8 pts.
Heavy clay or high organic matter soil	DO NOT USE

*See the General Information section to calculate amount per acre for band treatment.

Preplant (Oklahoma, New Mexico, Texas, the Gulf Coast states, Arkansas, and Georgia)

Apply this product in the spring after plowing. If sorghum is planted on a flat soil surface, apply during or after seedbed preparation. If sorghum is planted on beds, apply only after bed formation. Best weed control results are obtained when this product is applied within 4 weeks before planting. Shallow incorporation, not more than 2 inches deep, following application will generally result in better weed control, particularly under dry or minimum moisture conditions. Do not incorporate preplant applications on sandy loam soils in the states listed in this section.

Soil texture	Broadleaf weed control	Broadleaf and grass weed control
	Broadcast rate per acre	Broadcast* rate per acre
Sand, loamy sand	DO NOT USE	DO NOT USE
Sandy, loam, loam	2.4 pts.	4 pts.**
Silt loam, clay loam	2.4 pts.	4.8 pts.
Heavy clay or high organic matter soil in the Gulf Coast states, Arkansas and Georgia	2.4 pts.	6.4 pts.

* See the General information section to calculate amount per acre for band treatment.

** To avoid crop injury, use only 2.4 pts. per acre on sandy loam in Oklahoma, New Mexico, and Texas (except Texas Gulf Coast).

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Preemergence

Apply the amount shown in the following table at planting time or immediately after planting before weeds and sorghum emerge.

Soil Texture	Broadleaf weed control (Oklahoma, New Mexico Texas and desert regions of Arizona and California only)	Broadleaf and grass weed control (all areas except as noted)
	Broadcast* rate per acre	Broadcast* rate per acre
Sand, loamy sand	DO NOT USE	DO NOT USE
Sandy loam, loam	2.4 pts.	4 pts**
Silt loam, clay loam	2.4 pts.	4.8 pts.
Heavy clay or high organic matter soil in the Gulf Coast states, Arkansas and Georgia	2.4 pts.	6.4 pts.

*See the General information section to calculate amount per acre for band treatment.

** To avoid crop injury, use only 2.4 pts. per acre on sandy loam in Oklahoma, New Mexico, and Texas (except Texas Gulf Coast). Controls broadleaf weeds only.

Precaution (both preplant and preemergence): Crop damage may result from applications on highly alkaline soil, or on eroded areas.

Rotational Crops: Do not rotate to any crop other than sorghum except: 1) In Arkansas, Louisiana, the Texas Gulf Coast, Texas Blacklands, and the Southeast, cotton, soybeans, or corn may be planted 12 months after treatment. Do not plant other crops for 18 months after treatment. 2) In Oklahoma, New Mexico, and West Texas, cotton or corn may be planted 12 months after a broadcast application of 2.4 pts. or after a 10-20 inch band application which was proportional to a broadcast rate of 1 pts. or less. If a higher rate per acre was used in these areas, only corn may be planted 12 months after treatment. Do not plant other crops for 18 months after treatment. 3) In all other sorghum growing regions, corn may be planted 12 months after treatment. Do not plant other crops for 18 months after treatment. 4) If replanting is necessary, sorghum may be replanted in soil treated with this product. Do not make a second application as injury may occur.