



PROPAZINE 80W

For weed control in sorghum (milo and sweet sorghum)

ACTIVE INGREDIENT:

2-Chloro-4,6-bis(isopropylamino)-s-triazine

80%

INERT INGREDIENTS

20%

E.P.A. Registration No. 464-485-AA
Propazine 80W is a wettable powder.

CAUTION

**KEEP OUT OF REACH OF CHILDREN
HARMFUL IF SWALLOWED • AVOID CONTACT
WITH EYES, CONTACT WITH SKIN, INHALATION
OF DUST AND CONTAMINATION OF FOOD
AND FEED**

GENERAL INFORMATION

Propazine 80W is a selective herbicide that can be applied before planting or after planting before sorghum or weeds emerge for the control of most annual broadleaf weeds and grasses such as annual morningglory, carpet weed, lamb's quarters, pigweed, ragweed, foxtail, smartweed, and velvetleaf.

Since Propazine 80W enters the weeds mainly through the roots, incorporation, rainfall, or irrigation 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.

Propazine 80W wettable powder formulation to be mixed with water and applied as a spray. Make a slurry by adding Propazine 80W to a small quantity of water. Pour this slurry into the spray tank during or after filling with the required amount of water. Sufficient hydraulic jet or mechanical agitation should be provided during mixing and application to keep the material in suspension.

For pre-plant and pre-emergence applications, light fertilizer may replace all or part of the water as a carrier for Propazine 80W. Do not apply after sorghum has emerged as there is danger of fluid fertilizers causing crop injury.

For uniform distribution of broadcast ground applications, TeeJet 8003 or 8004 fan type or similar nozzles with openings of equal or greater size should be used. For band applications, use TeeJet 8003 E or 8004 E or similar fan type nozzles. Screens or nozzles as well as those in suction and inline strainers should be no finer than 50 mesh size. A suitable pump with capacity to deliver 10-12 gpm should be used and operating pressure should be 35-40 psi. For ground applications using this type of equipment, a minimum of 20 gallons of water per acre is recommended. For band treatments, a proportion of water should be used.

Wash spray thoroughly with clean water immediately after use.

Store Propazine 80W in a dry place.

DIRECTIONS FOR USE

Preplant Applications: For use in Kansas, Nebraska, Eastern Colorado, and South Dakota: Apply Propazine 80W in the spring after plowing. To sorghum planted on a flat soil surface, application can be made during or after final seedbed preparation. To sorghum planted on beds, application should only be made after bed formation. Best weed control results are obtained when Propazine 80W is applied within 2 weeks prior to 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.

FOR BROADLEAF AND GRASS WEED CONTROL

Soil Texture	Rate of Propazine 80W Per Acre		
	Broadcast	20-Inch Band	12-Inch Band
Sand or loamy sand	DO NOT USE		
Sandy loam and loam	2 1/2 lb	1 1/4 lb	3/4 lb
Silt loam, clay loam	3.0 lb	1 1/2 lb	14 oz
Heavy clay and high organic matter soils	DO NOT USE		

Based on 40 inch row spacing

For use in Oklahoma, New Mexico, Texas, the Gulf Coast States, Arkansas and Georgia: Apply Propazine 80W in the spring after plowing. To sorghum planted on flat soil surface, application can be made during or after seedbed preparation. To sorghum planted on beds, application should be made only after bed formation. Best weed control results are obtained when Propazine 80W is applied within 4 weeks prior to 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 pre-plant applications in sandy loam soils.

FOR BROADLEAF AND GRASS WEED CONTROL

Soil Texture	Rate of Propazine 80W Per Acre		
	Broadcast	20-Inch Band	12-Inch Band
Sand or loamy sand	DO NOT USE		
Sandy loam and loam	2 1/2 lb	1 1/4 lb	3/4 lb
Silt loam	3 lb	1 1/2 lb	14 oz

FOR BROADLEAF AND GRASS WEED CONTROL

Soil Texture	Rate of Propazine 80W Per Acre		
	Broadcast	20-Inch Band	12-Inch Band
Heavy clay and high organic matter soils of the Gulf Coast States including Texas Gulf Coast, Arkansas and Georgia	4 lb	2 lb	1 1/4 lb

FOR BROADLEAF WEED CONTROL (for Oklahoma, New Mexico, and Texas except Texas Gulf Coast)

Sand or loamy sand	DO NOT USE		
All other soil textures	1 1/2 lb	1 lb	3/4 lb

Based on 40 inch row spacing

Except in the states of Oklahoma, New Mexico, and Texas (except Texas Gulf Coast) where a rate of 1 1/2 lb Propazine 80W broadcast or equivalent per acre is to be applied to sandy loam.

See the section on Broadleaf Weed Control for specific recommendations for these areas.

Pre-emergence Applications: Apply the amount shown below at planting time or immediately following planting before weeds and sorghum emerge.

FOR BROADLEAF AND GRASS WEED CONTROL

Soil Texture	Rate of Propazine 80W Per Acre		
	Broadcast	20-Inch Band	12-Inch Band
Sand or loamy sand	DO NOT USE		
Sandy loam and loam	2 1/2 lb	1 1/4 lb	3/4 lb
Silt loam, clay loam	3 lb	1 1/2 lb	14 oz
Heavy clay and high organic matter soils of the Gulf Coast States, Arkansas and Georgia	4 lb	2 lb	1 1/4 lb

FOR BROADLEAF AND GRASS WEED CONTROL

Soil Texture	Rate of Propazine 80W Per Acre	
	Broadcast	20-Inch Band
FOR BROADLEAF WEED CONTROL (for Oklahoma, New Mexico, and Desert Regions of Arizona and California only)		
Sand or loamy sand	DO NOT USE	
All other soil textures	1 1/2 lb	1 lb

Based on 4 inch row spacing

Except in the states of Oklahoma, New Mexico, and Texas Gulf Coast where a rate of 1 1/2 lb Propazine 80W broadcast per acre is to be applied to sandy loam soil.

See the section on Broadleaf Weed Control for specific recommendations for these areas.

Suggestions for Crop Rotations: Fields on which Propazine 80W is applied should not be planted to any crop other than sorghum below:

1. In Arkansas, Louisiana, the Texas Gulf Coast, Texas Bluffs, and Southeast fields treated with Propazine 80W may be planted to soybeans or corn 12 months after treatment. Other crops may be planted for 18 months following treatment.
2. In Oklahoma, New Mexico, and West Texas, fields treated with Propazine 80W may be planted to cotton 12 months or more after treatment, or to corn 10-20 inch band applications and the rate applied was proportional to a broadcast application. If a higher rate per acre was used as a band treatment, the rate applied was proportional to a broadcast application. If a higher rate per acre was used as a broadcast application, the rate applied was proportional to a broadcast application. If a higher rate per acre was used as a broadcast application, the rate applied was proportional to a broadcast application. If a higher rate per acre was used as a broadcast application, the rate applied was proportional to a broadcast application. Other crops should not be planted following treatment.
3. In all other sorghum growing regions, corn may be planted 12 months after treatment. Other crops should not be planted following treatment.

THE DOW

MIDLAND, MICHIGAN 48106
CORAL GABLES, FLORIDA 33134

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THIS IS THE INITIAL PRINTING OF THIS SPECIMEN LABEL.

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UNLAWFUL TO USE AS INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
OR ECONOMIC POISON REGISTERED
UNDER NO. 721-485 SUBJECT
TO ATTACHED COMMENTS.

SPECIMEN LABEL

PROPAGAZINE 80W HERBICIDE

For weed control in sorghum (milo and sweet sorghum)

Wash thoroughly with clean water immediately after use.
Store in a dry place.

DIRECTIONS FOR USE

Pre-emergence Applications For use in Kansas, Nebraska, Eastern Colorado, and Oklahoma. Apply Propazine 80W in the spring after plowing. To sorghum planted on soil surface, application can be made during or after final preparation. To sorghum planted on beds, application should only be made after final preparation. Best weed control results are obtained when Propazine 80W is applied within 2 weeks prior to 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.

Soil Texture	Rate of Propazine 80W Per Acre		
	Broadcast	20-Inch Band	12-Inch Band
Heavy clay and high organic matter soils of the Gulf Coast States including Texas Gulf Coast, Arkansas and Georgia	4 lb	2 lb	1 1/4 lb
Sand or loamy sand	DO NOT USE		
All other soil textures	1 1/2 lb	3/4 lb	1/2 lb

Soil Texture	Rate of Propazine 80W Per Acre		
	Broadcast	20-Inch Band	12-Inch Band
Heavy clay and high organic matter soils of the Gulf Coast States including Texas Gulf Coast, Arkansas and Georgia	4 lb	2 lb	1 1/4 lb
Sand or loamy sand	DO NOT USE		
All other soil textures	1 1/2 lb	3/4 lb	1/2 lb

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All other soil textures	1 1/2 lb	3/4 lb	1/2 lb

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All other soil textures	1 1/2 lb	3/4 lb	1/2 lb

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	Broadcast	20-Inch Band	12-Inch Band
Heavy clay and high organic matter soils of the Gulf Coast States including Texas Gulf Coast, Arkansas and Georgia	4 lb	2 lb	1 1/4 lb
Sand or loamy sand	DO NOT USE		
All other soil textures	1 1/2 lb	3/4 lb	1/2 lb

Based on 40 inch row spacing. Except in the states of Oklahoma, New Mexico, and Texas (except Texas Gulf Coast) where a rate of 1 1/2 lb Propazine 80W broadcast or equivalent per acre is to be applied to sandy loam soils. See the section on Broadleaf Weed Control for specific recommendations for these areas.

Pre-emergence Applications Apply the amount shown below at planting time or immediately following planting before weeds and sorghum emerge.

Soil Texture	Rate of Propazine 80W Per Acre		
	Broadcast	20-Inch Band	12-Inch Band
Heavy clay and high organic matter soils of the Gulf Coast States including Texas Gulf Coast, Arkansas and Georgia	4 lb	2 lb	1 1/4 lb
Sand or loamy sand	DO NOT USE		
All other soil textures	1 1/2 lb	3/4 lb	1/2 lb

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	Broadcast	20-Inch Band	12-Inch Band
Heavy clay and high organic matter soils of the Gulf Coast States including Texas Gulf Coast, Arkansas and Georgia	4 lb	2 lb	1 1/4 lb
Sand or loamy sand	DO NOT USE		
All other soil textures	1 1/2 lb	3/4 lb	1/2 lb

Based on 4 inch row spacing. Except in the states of Oklahoma, New Mexico, and Texas (except Texas Gulf Coast) where a rate of 1 1/2 lb Propazine 80W broadcast or equivalent per acre is to be applied to sandy loam soil. See the section on Broadleaf Weed Control for specific recommendations for these areas.

Suggestions for Crop Rotations: Fields on which Propazine 80W has been applied should not be planted to any crop other than sorghum except as noted below.

- In Arkansas, Louisiana, the Texas Gulf Coast, Texas Blacklands, and the Southeast, fields treated with Propazine 80W may be planted to cotton, soybeans, or corn 12 months after treatment. Other crops should not be planted for 18 months following treatment.
- In Oklahoma, New Mexico, and West Texas, fields treated with Propazine 80W may be planted to cotton 12 months or more after a broadcast application of 1 1/2 lb or less or where a 10-20 inch band application was made and the rate applied was proportional to a broadcast rate of 2 1/2 lb or less. If a higher rate per acre was used as a band treatment, or if broadcast applications were made in this area, corn may be planted 12 months following treatment. Other crops should not be planted for 18 months following treatment.
- In all other sorghum growing regions, corn may be planted in rotation 12 months after treatment. Other crops should not be planted for 18 months following treatment.

If re-planting is necessary, sorghum may be re-planted in soil previously treated with Propazine 80W. Do not make a second application of Propazine or injury may occur.

Aerial Application: In addition to the specific instructions and precautions as noted elsewhere on this label, the following should also be observed when making aerial applications.

Application: Applications should be uniform. Over application could cause injury to treated crops or adjacent sensitive crops, leave soil residues that may affect crops planted in rotation or leave excessive and illegal crop residues. Under application can result in poor or uneven weed control.

Use a minimum of one gallon of water for each one pound to 1 1/2 lb of wettable powder to be applied per acre, but never use less than two gallons of water per acre.

Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

Instructions for Safe Handling: Avoid application directly to animals or humans. Although it is unnecessary for flagmen or loaders to wear protective clothing or equipment, care should be taken to avoid inhalation of dust or spray mist or contact with skin. Flagmen and loaders should wash thoroughly before eating and at the end of each day's operation.

PRECAUTIONS

- Crop damage may result from applications made on highly alkaline soils, or on eroded spots in the field.
- Do not incorporate on sandy loam soils in Oklahoma, New Mexico, Texas, the Gulf Coast States, Arkansas and Georgia.
- Do not contaminate domestic or irrigation water supplies or lakes, streams, or ponds.
- Do not reuse containers. Destroy when empty.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

THE DOW CHEMICAL COMPANY

AND SUBSIDIARIES
MIDLAND MICHIGAN 48640 USA ZURICH SWITZERLAND HONG KONG, B.C.
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