



ATRAZINE 4L HERBICIDE

FOR SEASON-LONG WEED CONTROL IN CORN AND SORGH

Aug 24, 1977 2749-336⁴³⁶

2749-336

NET CONTENTS 2 1/2 GALS.

DIRECTIONS FOR USE

Corn

One application will control most annual broadleaf and grass weeds such as barnyardgrass, witchgrass (Panicum capillare), yellow foxtail, green foxtail, wild oats, large (hairy) crabgrass, giant foxtail, velvetleaf, morningglory, lambsquarters, pigweed, velvetleaf, nightshade, goosegrass, and sparrowgrass.

Atrazine 4L may be applied either before planting, at planting or after planting at the rate indicated below. For preplant and pre-emergence applications, nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier of Atrazine 4L. Do not apply after corn has emerged as there is danger of liquid fertilizers causing crop injury.

Preplant: Broadcast in the spring after plowing at the rate indicated below. Apply before, during, or after final seed bed preparation. If soil is tilled or worked after application, avoid deep incorporation of Atrazine 4L. Best results have been obtained when Atrazine is applied within two weeks prior to planting.

Pre-emergence: Apply during or shortly after planting prior to weed emergence at the rate indicated below.

Post-emergence: Apply before weeds exceed 1 1/2 inches in height at the rate indicated below.

Soil Texture	Rate per acre of Atrazine 4L		
	Broadcast In 10-40 gals of water/A	20 inch band* In 5-20 gals of water/A	13 inch band* In 4-14 gals of water/A
Light soils: Sands, loamy sands and sandy loams	4 pints	2 pints	1 1/2 pints
Medium soils: Silt and clay loams that are low in organic matter	4 1/2 pints	2 1/2 pints	1 1/2 pints
Heavy soils: Silt and clay loams with medium to high organic matter and clays	6 pints	3 pints	2 pints
Peats, mucks, and high organic clays (Apply post emergence only)	6 pints	3 pints	2 pints

*Based on 40-inch row spacing. For other band or row widths, adjust the rate in proportion to the area actually treated.

Northern Nutsedge or Yellow Nutsedge (Cyperus esculentus) Control: Broadcast 8 pints per acre preplant, pre-emergence, or post-emergence before nutsedge is more than 1 1/2 inches high. If applied before nutsedge begins growth, cultivate within 2-3 weeks. If applied after nutsedge has emerged, cultivate within 10-14 days.

Overseeding Control on Land Going Into Corn Production

Split Application: Broadcast 4 pints per acre in the fall or spring and plow 1-3 weeks later. Broadcast a second application at the rate of 4 pints per acre in the spring before tilling or after planting, but before weeds are 1 1/2 inches high.

Single Application: Broadcast 6-8 pints per acre in the fall or spring. Plow 1-3 weeks after application.

Post-emergence weed control with Atrazine plus emulsifiable oil in water.

Ground Application: Broadcast 4 pints of Atrazine and 1 quart of emulsifiable oil per acre after emergence but before weeds reach 1 1/2 inches in height.

Aerial Application: Broadcast 4 pints of Atrazine and 1 quart of emulsifiable oil per acre after weed emergence but before weeds reach 1 1/2 inches.

Precautions: 1) Do not apply more than 8 pints per acre of Atrazine 4L to corn in any one year. 2) Land treated with Atrazine should not be planted to any crop except corn until the following year if injury has occurred.

3) Following harvest of a treated crop, plow (moldboard or diskplow) and thoroughly till the soil in fall or spring to minimize possible injury to rotational spring-seeded crops, regardless of whether or not Atrazine is applied after June 10. Do not rotate with crops other than corn or sorghum. Injury to other crops may occur. 4) If Atrazine is applied in a band application, do not plant treated areas until the following year.

5) In the High Plains and Intermountain areas of the West, where the soil is alkaline, a pre-plant application is required. Use Atrazine to control weeds in corn, sorghum, and soybeans. In corn and sorghum, treated corn or sorghum is to precede other rotational crops. 6) In the High Plains and Intermountain areas of the Dakotas, Nebraska and Kansas, corn treated with Atrazine should not be rotated with soybeans. The broadcast rate applied was more than 4 pints per acre.

7) Do not plant sugar beets, tobacco, legumes, and other crops in the treated area until the following year. Do not plant sugar beets, tobacco, legumes, and other crops in the treated area until the following year. Atrazine should not be applied to the treated area or feed treated forage to livestock.

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Preplant or Pre-emergence Application

For preplant and pre-emergence applications, nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier of Atrazine 4L. Do not apply after corn has emerged as there is danger of liquid fertilizers causing crop injury.

Preplant: Broadcast in the spring after plowing at the rate indicated below. Apply before, during, or after final seed bed preparation. If soil is tilled or worked after application, avoid deep incorporation of Atrazine 4L. Best results have been obtained when Atrazine is applied within two weeks prior to planting.

Pre-emergence: Apply during or shortly after planting prior to weed emergence at the rate indicated below.

GENERAL INFORMATION
ATRAZINE 4L HERBICIDE CONTROLS MOST ANNUAL BROADLEAF AND GRASS WEEDS IN CORN AND SORGHUM.
APPLY AT THE RATE INDICATED UNDER EACH CROP BEFORE OR AFTER WEEDS EMERGE. LOWER RATES ON HIGH SOILS AND LOW ORGANIC MATTER SOILS. LOWER RATES ON HEAVY SOILS AND HIGH ORGANIC MATTER SOILS.
ATRAZINE 4L HERBICIDE IS APPLIED THROUGH ROOT ABSORPTION SO RAINFALL OR IRRIGATION IS REQUIRED TO MOVE IT INTO THE ROOT ZONE. SHOULD WEEDS DEVELOPE

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Post emergence broadleaf weed control with Atrazine plus emulsifiable oil in water (New Mexico, Oklahoma & Texas only)

Apply when sorghum is 6-10 inches high and before boot stage. Treat broadleaf weeds before they reach 6 inches.

Ground Application: Broadcast 2 1/2 pints of Atrazine and 1 gal of emulsifiable oil in 20-40 gals of water per acre

Aerial Application: Broadcast 2 1/2 pts of Atrazine and 1 gal of emulsifiable oil in no less than 5 gallons of water per acre

Preplant and Pre-emergence Application (In Eastern and Central Nebraska and Northeastern Kansas Only): Broadleaf and grass weed control

Soil texture	Broadcast in 10-40 gals of water/A	Rate per acre of Atrazine 4L		
		20-inch band* in 5-20 gals of water/A	13-inch band* in 4-14 gals of water/A	
Sand to sandy loam, eroded slopes and soils low in organic matter		DO	NOT	USE
Other soils (shallow incorporation may improve control)	4 1/4 pints	2 2/2 pints	1 1/4 pints	

*Based on 40-inch row spacing. When making band applications, reduce the broadcast rate per acre in proportion to the area treated.

Post emergence: For the control of broadleaves and grasses, apply post-emergence applications of Atrazine 4L in no less than ten gallons of water per acre at the rate indicated in the table below. Weeds should not exceed 1 1/2 inches in height at application.

Post emergence Application** (weeds should not be more than 1 1/2 inches high)

Weeds to be controlled and soil texture	Stage or hgt of sorghum at treatment	Rate per acre of Atrazine 4L		
		Broadcast in 10-40 gals of water/A	20-inch band* in 5-20 gals of water/A	13-inch band* in 4-14 gals of water/A
Broadleaf and grass weeds				
Sand or loamy sand		DO	NOT	USE
Sandy loam		See broadleaf weeds below		
Silt loam to sandy clay loam	Completely emerged	4 1/4 pints	2 2/2 pints	1 1/4 pints
Olton and Pullman clay soils	At least 6 inches high	4 pints	2 2/2 pints	1 1/4 pints
Silty clay loams and heavier soils	Completely emerged	6 pints	3 pints	2 pints
Broadleaf weeds				
Sandy loams and heavier soils in Okla, New Mexico, Texas, West Kan, Colo. and desert regions of Ariz. and Calif. only	At least 6 inches high	2 1/2 pints plus 1/2 pint surfactant	1 1/2 pints plus 3/4 pint surfactant	1 pints plus 1/2 pint surfactant

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