

SUPPLEMENTAL LABELING

4-5. In areas of high water table, the herbicide should be applied with care to avoid contamination of water supply. Do not apply to water bodies. Do not make more than one application of Atrazine 4L in a season unless water percolates.

Postemergence Broadleaf Weed Control with Atrazine 4L plus Surfactant in Oklahoma, New Mexico, Texas, Western Kansas, Colorado and Desert regions of Arizona and California only.

6- Apply 2.25 lbs. of Atrazine 4L per acre in a band 10-12 inches wide. Apply after the first rain. Do not apply to sandy soils or to soils with a pH of 7.5 or higher. Apply only in sandy soils or to soils with a pH of 7.5 or higher.

Precautions for all Applications to Sorghum

- 1- Heavy rains immediately following application tend to result in excessive concentrations of herbicide in seed furrows resulting in possible crop injury. Applications to furrow planted sorghum should not be made until furrows are leveled. Deep planter marks or seed furrows should also be leveled before application.
- 2- Application made to sorghum growing under stress caused by minor element deficiency or to sorghum growing on high calcium soils may result in crop injury.
- 3- Do not graze or feed forage from treated areas for 30 days after application.
- 4- Following harvest of a treated crop, plow and/or disperse and thoroughly mix the soil in the fall or spring to minimize possible injury to rotational spring seeded crops regardless of fall seed.

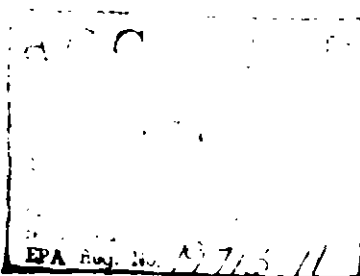
For applications to furrow irrigated bedded sorghum in Arizona and California and for postemergence applications plus emulsifier, see additional label cautions under these sections of this label.

Suggestions for Rotational Crops

- 1- Land treated with Atrazine 4L should not be planted to any crop except corn or sorghum until the following year or injury may occur.
- 2- If Atrazine 4L is applied after June 10, do not rotate with crops other than corn or sorghum the next year or injury may occur.
- 3- If Atrazine 4L is used at a broadcast rate higher than 4 lbs. per acre, or comparable rates in a band application, a crop of untreated corn or sorghum should precede the next rotational crop.
- 4- In the High Plains and Intermountain areas of the West where rainfall is scarce and irrigation is required, use Atrazine 4L only on sorghum or corn. When sorghum is the rotational crop, the untreated sorghum or corn is to precede other rotational crops.
- 5- In Western Minnesota and Eastern parts of the Dakota, Nebraska, and Kansas, sorghum treated with Atrazine 4L should not be followed with soybeans if the broadcast rate applied was more than 4 lbs. per acre or comparable rate in a band or injury may occur.
- 6- Injury may occur to soybeans planted in North Central and South Central Minnesota the year following an Atrazine 4L application on Hardpan, Canfield, Stroden or other soils having calcareous surface layer.
- 7- Do not plant sugar beets, tobacco, vegetables, including dry beans, spring seeded small grains or small seeded legumes and grasses the year following Atrazine 4L application or injury may occur.

Manufactured by

Drexel Chemical Company Memphis, Tennessee



Drexel

ATRAZINE 4L

HERBICIDE

For Season-Long Weed Control in Sorghum.

ATRAZINE 4L CONTAINS 4 LBS. ACTIVE INGREDIENTS PER GALLON.

CAUTION: Keep out of reach of Children

See additional precautions on container. This supplemental label contains only the directions for use in sorghum and sorghum-sudan hybrids (grain and forage types). For application procedures, general information and instructions for safe handling, see container label.

ACTIVE INGREDIENTS:

Atrazine (2-chloro-4-ethylamino-6-isopropylamino-s-triazine) 40.8%
Related compounds 2.2%
INERT INGREDIENTS: 57.0%
TOTAL 100.0%

2 1/2 Gallons

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DIRECTIONS FOR USE:

Sorghum and Sorghum-crozier Hybrids (Grain and Forage Types)

Atrazine 4L may be applied either before planting, at planting or after planting as indicated below.

Preplant (Broadcast and Grass Control)

Broadcast in the spring after plowing at the rate indicated in Table III. Application may be made before, during or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation of Atrazine 4L. Best results have been obtained when Atrazine 4L is applied within two weeks prior to planting.

Pre-emergence (Broadcast and Grass Control)

Apply during or shortly after planting, but prior to weed or crop emergence at the rate indicated in Table III.

TABLE III

Preplant and Pre-emergence Applications
For Broadcast and Grass Weed Control in Sorghum

Soil Texture	Organic Matter	Broadcast Rate of Atrazine 4L Per Acre
Light Soils sands, loamy sands, sandy loams and sandy clay loams	any level	DO NOT USE (except for pre-emergence use on bedded sorghum in Arizona and Califor- nia as indicated below)
Medium and Heavy Soils	Less than 1%	
silt loams clay loams	1% to 1 1/2%	3-1/5 - 4 pts
and clays	More than 1 1/2%	3 1/5 - 4 1/4 pts

Atrazine 4L should not be applied preplant to sorghum grown in N. Mex., Okla., Texas, Ark., La., Tenn., Miss., Ala., Ga., Fla., S. Car. and N. Car. or pre-emergence to sorghum grown in N. Mex., Texas and Okla. except in N.E. Okla. and the Texas Gulf Coast.

In case of planting failures, sorghum can be replanted into soil previously treated with Atrazine 4L. Do not make a second broadcast application or injury may occur. If Atrazine 80W is applied in a band and sorghum is replanted in the untreated row middles, Atrazine 4L can be applied in a band to the second planting.

Pre-emergence Broadcast Weed Control in Farrow Irrigated Bedded Sorghum (Arizona and California only)

For pre-emergence control of broadleaf weeds such as ground cherry, lambquarters, morning glory, mustard, pigweed and purslane broadcast 1 3/5 to 2 2/5 pts. per acre. Use the lower rate on coarse-textured soils and soils low in organic matter and use the high rate on fine-textured soils and soils high in organic matter. Make application after bed preparation, during or after planting, but before sorghum and weeds have emerged and before the first furrow irrigation. Several regular irrigations should follow the application, making sure that all soil is thoroughly wet.

Precautions for Pre-emergence Applications of Atrazine 4L to Farrow Irrigated Bedded Sorghum Grown in Arizona and California

To avoid possible sorghum injury, do not use on sand or loamy sand soils or on sorghum planted in the furrow. Additionally, applications made to sorghum growing on alkali soils or where cuts, fills or erosions have exposed calcareous or alkali subsoils, may result in crop injury. In case of crop failure, do not replant sorghum for eight months following application. Corn may be planted immediately.

Post-emergence Broadcast and Grass Weed Control

Apply before weeds exceed 1 1/2 inches in height at the rate indicated in Table IV. Applications may be made up to close-in.

TABLE IV

Post-emergence Broadcast and Grass Weed Control in Sorghum

Soil Texture	Minimum Height of Sorghum at Treatment	Broadcast Rate/Atrazine 4L
Sand or loamy sand		DO NOT USE
Sandy loam		See directions for broadleaf weed control below
Silt loam to sandy clay loam	Complete, emerged	4 - 4 1/4 pts
otton and Pullman clay soils	At least 6 inches high	4 - 4 1/4 pts
Silty clay loams and heavier soils	Completely emerged	6 pts

Post-emergence Broadcast Weed Control with Atrazine 4L plus Emulsifiable Oil in Water

Broadcast 2 2/5 pts. per acre for control of broadleaf weeds such as annual morning glory, cockspur, lambquarters, mustard, pigweed, ragweed, smartweed and wild buckeye. Application should be made before pigweed and lambquarters reach six inches in height and before all other weeds reach four inches in height. In Texas, New Mexico, Oklahoma, Western Kansas, Colorado and the desert regions of California and Arizona, apply when sorghum is 6-10 inches in height but before it reaches the boot stage. In all other areas, apply after sorghum reaches the three-leaf stage. Add emulsifiable oil at the rate of 1/2 gallon per acre for ground applications and 1/4 gallon per acre for aerial applications. A cultivation may be necessary if all weeds are not controlled or if regrowth of weeds occurs.

Precautions for Application of Atrazine 4L plus Emulsifiable Oil in Water to Sorghum

- 1—Do not use oil in Atrazine 4L sprays when sorghum is under stress from prolonged cold, wet weather, poor fertility or other factors or when sorghum is wet and succulent from recent rainfall, as crop injury may occur.
- 2—Do not use oil in Atrazine 4L sprays when treating inbred lines or any breeding stock as injury may occur.
- 3—Adding other insecticides, herbicides, liquid fertilizers or other materials is not recommended because they may cause compatibility problems or crop injury.