

**GENERAL INFORMATION**

Atrazine 80W herbicide will control most annual broadleaf and grass weeds in corn, sorghum, sugarcane, and certain other crops. It is also effective for control of most annual and many perennial broadleaf and grass weeds in noncrop areas and industrial sites. Atrazine 80W may be applied before or after weeds emerge. In each case where a range of rates is given, the lower rate should be used on light soils and soils low in organic matter, the higher rate should be used on heavy soils and soils high in organic matter. Since Atrazine 80W acts mainly through root absorption, its effectiveness depends on rainfall or irrigation to move it into the root zone. Should weeds develop a shallow cultivation or rotary hoeing will generally result in better weed control. Atrazine 80W is a wettable powder that should be mixed with water and applied as a spray. Make a slurry by adding Atrazine 80W to water. Pour the slurry into the spray tank during or after filling. Sufficient hydraulic jets or mechanical agitation must be provided during mixing and application to keep the material in suspension. Wash sprayer thoroughly after use. Atrazine 80W is noncorrosive to equipment and metal parts, nonflammable, and has low electrical conductivity. Care should be taken to avoid injury to Atrazine 80W where areas of desirable trees, shrubs, or plants might be treated. Stop Atrazine 80W in a dry place. NOTE: This Product is not recommended for use in combination with other herbicides or oil, except as specifically described on the label.

**GROUND APPLICATION**

For uniform distribution in broadcast applications, Teejet 8004 or 8004-F type or similar nozzles with openings of equal or greater size should be used. For band applications use Teejet 8004-F or 8004-F-F or similar type nozzles. Screens in nozzles as well as those in sprayer and machine strainers should be no larger than 30-mesh size. A suitable pump with capacity to deliver 10-12 GPM. head back at an operating pressure should be 35-40 PSI. Use 20-30 gal. of water per acre to assure even coverage unless otherwise specified.

**AERIAL APPLICATION**

Use only where broadcast applications are specified. Apply a minimum of one gallon of water for each 1 lb. to 1 1/2 lb. of Atrazine 80W to be applied per acre.

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

**INSTRUCTIONS FOR SAFE HANDLING**

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

**RECOMMENDATIONS:**

**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, ragweed, nightshade, purslane, and mustard. Atrazine 80W may be applied either before planting, at planting, or after planting using 2 1/2-5 lbs. per acre as indicated below.

For preplant and preemergence applications, nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier for Atrazine 80W. 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 in the table below. Application may be made before, during or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation of Atrazine 80W. Best results have been obtained when Atrazine 80W is applied within two weeks prior to planting.

**PREEMERGENCE**

Apply during or shortly after planting prior to weed emergence at the rate indicated in the table below.

**POSTEMERGENCE**

Apply before weed exceeds 1 1/2 inches in height, at the rate indicated in the table below.

NOTE: For band applications, reduce the broadcast rate of Atrazine 80W in proportion to the area treated.

**LAYBY TREATMENT**

Broadcast 1 1/2-2 1/2 lbs. per acre in 20-40 gallons of water or sufficient nitrogen solution before weeds are 1 1/2 inches high. Apply when corn is 20-30 inches high. When nitrogen solutions are used direct the spray to the lower 3-4 inches of corn stalks to avoid corn tassel injury. Agitation in the spray tank during applications is essential.

Postemergence weed control with Atrazine and emulsifiable oil in water.

The addition of oil to Atrazine 80W in water sprays may speed the activity of Atrazine 80W and provide quicker kill of weed. However, under certain conditions the use of oil may seriously damage corn. To minimize the possibility of damage to corn, follow the directions, procedures and precautions given below.

**CORN—POSTEMERGENCE AND PREEMERGENCE TABLE**

SOIL TEXTURE	RATE PER ACRE OF ATRAZINE 80W		
	BROADCAST In: 20-40 Gals. of water per acre	20-INCH BAND* In: 10-20 Gal. of water per acre	13-INCH BAND* In: 7-14 Gals. of water per acre
<b>LIGHT SOILS</b> Sandy, loamy sands and sandy loams	2 1/2 Lbs.	1 1/2 Lbs.	13 Oz.
<b>MEDIUM SOILS</b> Silt and clay loams that are low in organic matter	3 Lbs.	1 1/2 Lbs.	1 Lb.
<b>HEAVY SOILS</b> Silt and clay loams with medium to high organic matter and clays (including the dark prairie soils of the corn belt)	3 1/4 Lbs.	1 Lb. 14 Oz.	1 1/4 Lbs.
Peats, mucks, and high organic clays (Apply post-emergence only)	3 3/4 Lbs.	1 Lb. 14 Oz.	1 1/4 Lbs.

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

**GROUND APPLICATION**

Broadcast 2 1/2 lbs. of Atrazine 80W and one gallon of emulsifiable oil in 20-40 gallon of water per acre after emergence but before weed reach 1 1/2 inches in height.

**AERIAL APPLICATION**

Broadcast 2 1/2 lbs. of Atrazine 80W and 1/2 gallon of emulsifiable oil\* in no less than 5 gallons of water per acre after weed emergence, but before weeds reach 1 1/2 inches in height.

\*For combination with Atrazine 80W use a crop oil designated for use with Atrazine 80W containing at least 1 percent suitable emulsifier. Several oils of this type are on the market. Oils contaminated with water or other materials, can cause compatibility problems and/or crop injury.

**PROCEDURES:** (1) Thoroughly clean sprayer prior to use. Do not use sprayer contaminated with 2,4-D or other materials as corn

# TIDE ATRAZINE 80W

Wettable powder herbicide for weed control in corn, sorghum and certain other crops; in noncrop areas; and industrial sites.

ACTIVE INGREDIENTS:	80%
Atrazine (2-Chloro-4-Ethylamino-6-Isopropyl-amino-S-Triazine)	76%
Related Compounds	4%
INERT INGREDIENTS:	20%
TOTAL:	100%

## CAUTION:

Keep Out Of Reach Of Children

Harmful if swallowed. Avoid contact with eyes, prolonged contact with skin, inhalation of dust, and contamination of food and feed.

Do not contaminate domestic or irrigation water supplies or lakes, streams or ponds.

Do not reuse container. Destroy when empty.

## IMPORTANT:

Read the entire directions for use before using this product.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose 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

**SINGLE APPLICATION:** Broadcast 3 PRECAUTIONS: (1) Do not apply to any crop except moldboard and disk-plow and other crops, regardless of the rate used, the next year or injury may be parable later in a band application, high plant and intermountain areas to control weeds in corn, only when rotational crops. (2) In western Minnesota should not be followed with soybean or injury may occur. (3) Do not feed treated beans and grass. The year treated forage to livestock for 21 d.

**SORGHUM AND SORGHUM SUDAN**

Broadleaf and grass weed in sorghum. Apply at the rate indicated in the machine band application, reduce the Postemergence broadleaf weed control. The addition of oil to post-emergence of annual broadleaf weed. However, ability of damage to sorghum, follow GROUND APPLICATION.

**GROUND APPLICATION**

Broadcast 1 1/2 lbs. of Atrazine 80W inches in height and before it reaches

**AERIAL APPLICATION**

Broadcast 1 1/2 lbs. of Atrazine 80W 6 to 10 inches in height and before it

For combination with Atrazine 80W, other. Several oils of this type are

leaves and/or crop injury.

**SORGHUM—POSTEMERGENCE**

WEEDS TO BE CONTROLLED

Soil Textures

Sand or loam

Sandy loam

Silt loam to Clay loam

Clay loam

Often and P. clay soils

Silty clay to heavier soils

Sandy loams, heavier soils

Oklahoma, Mexico, Texas, Western Kansas, Colorado and Regions of A and California

POSTEMERGENCE APPLICATION\*

\*UP TO "CLOSE-IN"

BASED ON 40-INCH ROW SPACING

PROCEDURES: (1) Thoroughly clean

churn, damage or sprayer clothing, wetting the Atrazine 80W. (2) Filter system in operation, add the Atrazine before refilling to prevent a buildup from the water in the spray mixture and clean out with a clean water system with water containing a detergent.

NOTE: (1) Do not use oil in Atrazine or other factors or when sorghum 1 zine 80W sprays when treating in band fertilizers or other materials and handle emulsifiable oil carefully to the tank. (2) Do not make more PRECAUTIONS: (1) Heavy rains in row resulting in possible crop injury. (2) Deep planter marks or seed tu crops caused by rain or element def plant any rotational crops other than application. (3) Do not graze or feed crop, plow, moldboard or disk-plow treated crops, regardless of rate used.

SUGGESTIONS FOR ROTATIONAL C crop may be planted 18 months, it may be planted 12 months after ap

**WHEAT-SORGHUM FALLOW**

To control annual broadleaf and w under minimum tillage.

Broadcast 3 1/2 lbs. per acre to the thorough coverage. If weeds are pr

NO. 8. (1) Sorghum should be pl soil. Use a surface plow or a plow or other suitable implement before

PRECAUTIONS: (1) Use only in a not graze treated area or feed treat within 18 months following treatment

**INSTRUCTIONS FOR SAFE HANDLING**  
 Avoid application directly to humans or animals. Although it is necessary for flagmen or loaders to wear protective clothing or equipment, care should be taken to avoid inhalation of dust or spray mist, or prolonged contact with skin. Flagmen and loaders should wash thoroughly before eating and at the end of each day's operation.

**RECOMMENDATIONS:**

**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, ragweed, nightshade, purslane, and mustard. Atrazine 80W may be applied either before planting, at planting, or after planting using 2 1/2-5 lbs. per acre as indicated below.

For preplant and preemergence applications, nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier for Atrazine 80W. 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 in the table below. Application may be made before, during, or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation of Atrazine 80W. Best results have been obtained when Atrazine 80W is applied within two weeks prior to planting.

**PREEMERGENCE**

Apply during or shortly after planting, prior to weed emergence at the rate indicated in the table below.

**POSTEMERGENCE**

Apply before weed exceeds 1 1/2 inches in height at the rate indicated in the table below.

**NOTE:** For band applications, reduce the broadcast rate of Atrazine 80W in proportion to the area treated.

**LAYBY TREATMENT**

Broadcast 1 1/2-2 1/2 lbs. per acre in 20-40 gallons of water or sufficient nitrogen solution, before weeds are 1 1/2 inches high. Apply when corn is 20-30 inches high. When nitrogen solutions are used direct the spray to the lower 4-4 inches of corn stalks to avoid corn-leaf injury. Agitation in the spray tank during applications is essential.

Postemergence weed control with Atrazine and emulsifiable oil in water.

The addition of oil to Atrazine 80W in water sprays may speed the activity of Atrazine 80W and provide quicker kill of weeds. However, under certain conditions the use of oil may seriously damage corn. To minimize the possibility of damage to corn, follow the directions, procedures and precautions given below.

**CORN—POSTEMERGENCE AND PREEMERGENCE TABLE**

SOIL TEXTURE	RATE PER ACRE OF ATRAZINE 80W		
	BROADCAST In 20-40 Gals. of water per acre	20-INCH BAND* In 10-20 Gals. of water per acre	13-INCH BAND* In 7-14 Gals. of water per acre
<b>LIGHT SOILS</b> Sands, loamy sands and sandy loams	2 1/2 Lbs.	1 1/4 Lbs.	13 Oz.
<b>MEDIUM SOILS</b> Silt and clay loams that are low in organic matter	3 Lbs.	1 1/2 Lbs.	1 Lb.
<b>HEAVY SOILS</b> Silt and clay loams with medium to high organic matter and clays (including the dark prairie soils of the corn belt)	3 1/4 Lbs.	1 Lb. 14 Oz.	1 1/4 Lbs.
Peats, mucks, and high organic clays (Apply post-emergence only)	3 3/4 Lbs.	1 Lb. 14 Oz.	1 1/4 Lbs.

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

**GROUND APPLICATION**

Broadcast 2 1/2 lbs. of Atrazine 80W and one gallon of emulsifiable oil\* in 20-40 gallons of water per acre after emergence but before weeds reach 1 1/2 inches in height.

**AERIAL APPLICATION**

Broadcast 2 1/2 lbs. of Atrazine 80W and 1/2 gallon of emulsifiable oil\* in no less than 5 gallons of water per acre after weed emergence but before weeds reach 1 1/2 inches in height.

\*For combining with Atrazine 80W use a crop oil designated for use with Atrazine 80W containing at least 1 percent suitable emulsifier. Several oils of this type are on the market. Oils contaminated with water or other materials can cause compatibility problems and/or crop injury.

**PROCEDURES** (1) Thoroughly clean sprayer prior to use. Do not use sprayer contaminated with 2,4-D or other materials as corn damaged or sprayer clogging may result. (2) In a separate container, make a thin slurry of Atrazine 80W in water, thoroughly wetting the Atrazine 80W. (3) Fill the spray tank with water, allowing for the addition of the Atrazine 80W. (4) With the agitation in operation, add the Atrazine 80W slurry. (5) Add the emulsifiable oil last. (6) Empty the tank as completely as possible before refilling to prevent a buildup of oil in the tank. (7) If an oil film starts to build up in the tank, drain the tank and clean water in the spray mixture still remaining in the tank. (8) If an oil film starts to build up in the tank, drain the tank and clean out with a strong detergent solution or solvent. (9) Clean the sprayer thoroughly immediately after use by flushing the system with water containing a detergent.

**NOTE:** (1) Do not use oil in Atrazine 80W sprays when corn is under stress from prolonged cold, wet weather, poor fertility or other factors or when corn is wet and succulent from recent rainfall as crop injury may occur. (2) Do not use oils in sprays when treating hybrid lines or any breeding stock as injury may occur. (3) Adding other insecticides, herbicides, liquid fertilizer, or other materials is not recommended with Atrazine 80W and emulsifiable oil in water because they may cause compatibility problems or crop injury. (4) Store and handle emulsifiable oil carefully. Oil contaminated with even a small amount of water may not emulsify properly when added to the tank. (5) Do not make more than one application of Atrazine 80W and emulsifiable oil in water per season.

**NORTHERN NUTGRASS OR YELLOW NUTSEdge (CYPERUS ESCULENTUS) CONTROL:** Broadcast 5 lbs. per acre preplant, preemergence or postemergence before nutgrass is more than 1 1/2 inches high. If applied before nutgrass begins growth, cultivate within 2-3 weeks. If applied after nutgrass has emerged, cultivate with 10-14 days.

**QUACKGRASS CONTROL ON LAND GOING INTO CORN PRODUCTION**

**SPLIT APPLICATION:** Broadcast 2 1/2 lbs. per acre in the fall or spring and plow 1-3 weeks later. Broadcast a second application at the rate of 2 1/2 lbs. per acre in the spring before, during, or after planting but before weeds are 1 1/2 inches high. The split application will control both quackgrass and most annual broadleaf and grass weeds.

EPA REGISTRATION NO. 6735-206  
 EPA EST. NO. 6735-TX-1

amino-S-Triazine  
 Related Compounds  
 INERT INGREDIENTS:

76%  
 4%  
 20%  
 TOTAL: 100%

\*For combining with Atrazine 80W use a crop oil designated for use with Atrazine 80W containing at least 1 percent suitable emulsifier. Several oils of this type are on the market. Oils contaminated with water or other materials can cause compatibility problems and/or crop injury.  
**SORGHUM—POSTEMERGENCE**  
 WEEDS TO BE CONTROLLED SOIL TEXTURE

Sand or loamy  
 Sandy loam  
 Silt loam to silty clay loam  
 Clay loam  
 Silty clay loam  
 Silty clay loam to heavy clay loam  
 Silty clay loam to heavy clay loam  
 Oklahoma, New Mexico, Texas, Western Kansas, Colorado and California

**POSTEMERGENCE APPLICATION**  
 UP TO "CLOSE-IN"  
 BASED ON 40-INCH ROW SPACING

**PROCEDURES** (1) Thoroughly clean sprayer before use or sprayer clogging may result. (2) In a separate container, make a thin slurry of Atrazine 80W in water, thoroughly wetting the Atrazine 80W. (3) Fill the system in operation, add the Atrazine slurry to the water in the spray mixture and clean out with a strong detergent system with water containing a detergent. (4) Empty the tank as completely as possible before refilling to prevent a buildup of oil in the tank. (5) If an oil film starts to build up in the tank, drain the tank and clean water in the spray mixture still remaining in the tank. (6) If an oil film starts to build up in the tank, drain the tank and clean out with a strong detergent solution or solvent. (7) Clean the sprayer thoroughly immediately after use by flushing the system with water containing a detergent.

**NOTE:** (1) Do not use oil in Atrazine 80W sprays when treating hybrid liquid fertilizers or other materials, and handle emulsifiable oil carefully. (2) Do not make more than one application of Atrazine 80W and emulsifiable oil in water per season.

**PRECAUTIONS** (1) Heavy rains and row resulting in possible crop injury. (2) Deep planter marks or seed furrows stress caused by minor element deficiency plant any rotational crops other than sorghum. (3) Do not graze or feed crop plow (moldboard or disk-plow) a seeded crops regardless of rate used.

**SUGGESTIONS FOR ROTATIONAL CROPS**  
 Crops may be planted 18 months after application or 15 months after application.

**WHEAT SORGHUM-FALLOW**

To control annual broadleaf and grass weeds under minimum tillage, broadcast 3 1/4 lbs. per acre to the soil for thorough coverage. If weeds are present, broadcast 2 1/2 lbs. per acre.

**NOTE:** (1) Sorghum should be planted in soil. Use a surface planter or a planter of other suitable implement before planting. (2) Do not graze or feed treated area or feed treated within 18 months following treatment.

**SUGARCANE**

**FOR CONTROL OF MOST NONRHIZOMATOUS FLORA'S PAINTBRUSH, FIREWEED, AND OTHER WEEDS:** Apply Atrazine 80W at rates recommended on the label for control of weeds. Coverage of the soil surface at time of application is important. If weeds are present, broadcast 2 1/2 lbs. per acre.

**PRECAUTIONS:** (1) Do not apply Atrazine 80W to sugarcane.

**NONSELECTIVE WEED CONTROL OF**

Apply Atrazine 80W at rates recommended on the label for control of weeds. Coverage of the soil surface at time of application is important. If weeds are present, broadcast 2 1/2 lbs. per acre.

**FOR LONGER RESIDUAL CONTROL:** Apply Atrazine 80W at rates recommended on the label for control of weeds. Coverage of the soil surface at time of application is important. If weeds are present, broadcast 2 1/2 lbs. per acre.

For small areas, 4 1/2 oz. per 1,000 sq. ft.

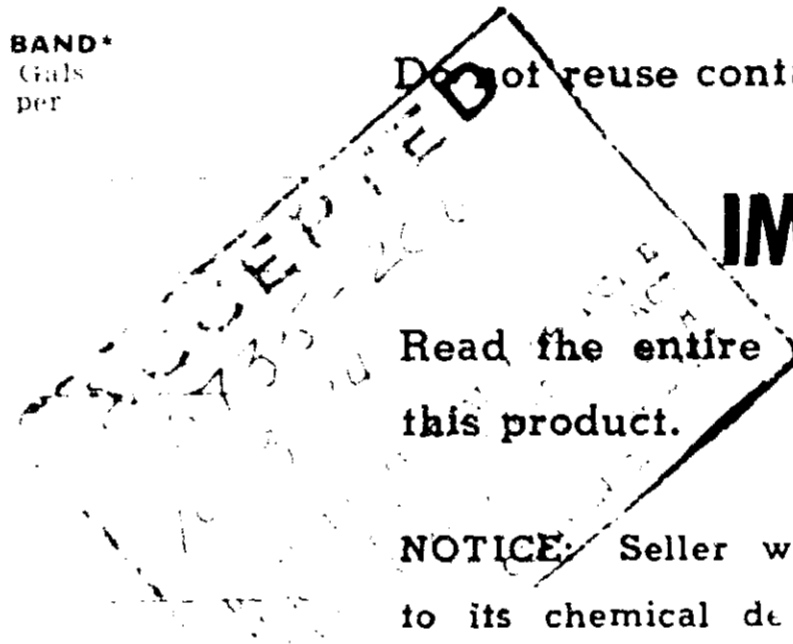
**CAUTION:**

Keep Out Of Reach Of Children

Harmful if swallowed. Avoid contact with eyes, prolonged contact with skin, inhalation of dust, and contamination of food and feed.

Do not contaminate domestic or irrigation water supplies or lakes, streams or ponds.

Do not reuse container. Destroy when empty.



**IMPORTANT:**

Read the entire directions for use before using this product.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose 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.

A PRODUCT OF  
**TIDE PRODUCTS, INC.**  
 EDINBURG, TEXAS 78539

NET CONTENTS: 1 LBS.

# TIDE ATRAZINE 80W

**Wettable powder herbicide for weed control in corn, sorghum and certain other crops; in noncrop areas; and industrial sites.**

ACTIVE INGREDIENTS:	80%
Atrazine (2-Chloro-4-Ethylamino-6-Isopropylamino-S-Triazine)	76%
Related Compounds	4%
INERT INGREDIENTS:	20%
<b>TOTAL:</b>	<b>100%</b>

## CAUTION:

**Keep Out Of Reach Of Children**

**Harmful if swallowed. Avoid contact with eyes, prolonged contact with skin, inhalation of dust, and contamination of food and feed.**

**Do not contaminate domestic or irrigation water supplies or lakes, streams or ponds.**

**Do not reuse container. Destroy when empty.**

## IMPORTANT:

**Read the entire directions for use before using this product.**

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**SINGLE APPLICATION** Broadcast 3 1/4 lbs. to 5 lbs. per acre in the fall or spring. Plow 1-3 weeks after application.  
**PRECAUTIONS** (1) Do not apply more than 5 lbs. Atrazine 80W to corn in any one year. (2) Land treated with Atrazine 80W should not be planted to any crop except corn until the following year or injury may occur. (3) Following harvest of a treated crop, plow (moldboard or disk-plow) and thoroughly till the soil in the fall or spring to minimize possible injury to rotational spring-seeded crops regardless of the rate used. (4) If Atrazine 80W is applied after June 10 do not rotate with crops other than corn or sorghum the next year or injury may occur. (5) If Atrazine 80W is used at a broadcast rate higher than 3 1/4 lbs. per acre (or comparable rates in a band application) a crop of untreated corn or sorghum should precede the next rotational crop. (6) In the high plains and intermountain areas of the west where rainfall is sparse and erratic or where irrigation is required, use Atrazine 80W to control weeds in corn only when corn is to follow corn or a crop of untreated corn or sorghum is to precede other than rotational crops. (7) In western Minnesota and eastern parts of the Dakotas, Nebraska and Kansas, corn treated with Atrazine 80W should not be followed with soybeans if the broadcast rate applied was more than 2 1/2 lbs. per acre (or comparable rate in a band) or injury may occur. (8) Do not plant sugar beets, tobacco, vegetables (including dry beans), spring-seeded small grains or small-seeded legumes and grasses the year following Atrazine 80W application. (9) Do not graze treated area or feed treated forage to livestock for 21 days following application.

**SORGHUM AND SORGHUM-SUDAN HYBRIDS (GRAIN AND FORAGE TYPES)** Atrazine 80W may be used to control many annual

broadleaf and grass weeds in sorghum.  
**APPLY** at the rate indicated in the table below. Weed should not be more than 1 1/2 inches high at the time of application. When making band applications, reduce the broadcast rate per acre in proportion to the area treated.  
**POSTEMERGENCE BROADCAST WEED CONTROL** with Atrazine 80W at 1 emul-sifier oil in 20 gallons of water (New Mexico, Oklahoma, and Texas only). The addition of oil to post-emergence Atrazine 80W sprays may speed the activity of Atrazine 80W and provide quicker kill of annual broadleaf weeds. However, under certain conditions, the use of oil may seriously damage sorghum. To minimize the possibility of damage to sorghum follow the directions and procedure given below.

**GROUND APPLICATION**  
 Broadcast 1 1/2 lbs. of Atrazine 80W and one gallon of emulsifiable oil in 20-40 gallons of water per acre when sorghum is 6 to 10 inches in height and before it reaches the boot stage. Treat before broadleaf weeds reach 6 inches in height.

**AERIAL APPLICATION**  
 Broadcast 1 1/2 lbs. of Atrazine 80W and 1/2 gallon of emulsifiable oil in no less than 5 gallons of water per acre when sorghum is 6 to 10 inches in height and before it reaches the boot stage. Treat before broadleaf weeds reach 6 inches in height.

For combining with Atrazine 80W use a crop oil designated for use with Atrazine 80W containing at least 1 percent suitable emulsifier. Several oils of this type are on the market. Oils contaminated with water or other materials can cause compatibility problems and or crop injury.

**SORGHUM—POSTEMERGENCE APPLICATION**

WEEDS TO BE CONTROLLED	SOIL TEXTURE	STAGE OR HEIGHT OF SORGHUM AT TREATMENT	RATE PER ACRE OF ATRAZINE 80W		
			BROADCAST IN 20-40 GALS. OF WATER PER ACRE	20-INCH BAND** IN 10-30 GALS. OF WATER PER ACRE	13-INCH BAND** IN 7-14 GALS. OF WATER PER ACRE
			<b>DO NOT USE</b>		
			<b>BROADLEAF WEEDS BELOW</b>		
Broadleaf and grass weeds	Sand or loamy sand Sandy loam Silt loam to sandy clay loam	Completely emerged	2 1/2-3 Lbs.	1 1/4-1 1/2 Lb.	13 Oz. - 1 Lb.
	Olton and Pullman clay soils	At least 6 inches high	2 1/2-3 Lbs.	1 1/4-1 1/2 Lbs.	13 Oz. - 1 Lb.
	Silty clay loams and heavier soils	Completely emerged	3 1/4 Lbs.	1 Lb. - 14 Oz.	1 1/4 Lbs.
	Sandy loams and heavier soils in Oklahoma, New Mexico, Texas, Western Kansas, Colorado and Desert Regions of Arizona and California only	At least 6 inches high	1 1/2 Lbs. Plus 1/4-1 1/2 Pt. Surfactant	1 Lb. Plus 1/4-1 Pt. Surfactant	1 Lb. Plus 1/4-1 Pt. Surfactant

**POSTEMERGENCE APPLICATION\***  
 \*UP TO "CLOSE-IN"  
 \*\*BASED ON 40-INCH ROW SPACING

**PROCEDURES:** (1) Thoroughly clean sprayer prior to use. Do not use sprayer contaminated with 2,4-D or other materials as sorghum damage or sprayer clogging may result. (2) In a separate container, make a thin slurry of Atrazine 80W in water, thoroughly wetting the Atrazine 80W. (3) Fill the spray tank with water, allowing for the addition of the Atrazine 80W. (4) With the agitation system in operation, add the Atrazine 80W slurry. (5) Add the emulsifiable oil last. (6) Empty the tank as completely as possible before refilling to prevent a buildup of oil in the tank. Keep the agitation system in operation to avoid a separation of the oil from the water in the spray mixture still remaining in the tank. (7) If an oil film starts to build up in the tank, drain the tank and clean out with a strong detergent solution or solvent. (8) Clean the sprayer thoroughly immediately after use by flushing the system with water containing a detergent.

**NOTE:** (1) Do not use oil in Atrazine 80W 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 80W 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. (4) Store and handle emulsifiable oil carefully. Oil contaminated with even a small amount of water may not emulsify properly when added to the tank. (5) Do not make more than one application of Atrazine 80W and emulsifiable oil in water per season.

**PRECAUTIONS:** (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 (plowed-in). 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 highly calcareous soils may result in crop injury. (3) Do not plant any rotational crops other than those specified in the suggestions for rotational crops section below for 18 months following application. (4) Do not graze or feed forage from treated areas for 21 days following application. (5) Following harvest of a treated crop, plow (moldboard or disk-plow) and thoroughly till the soil in the fall or spring to minimize possible injury to rotational spring-seeded crops, regardless of rate used.

**SUGGESTIONS FOR ROTATIONAL CROPS:** (1) Sorghum or corn may be planted the year following treatment. (2) All other rotational crops may be planted 18 months after application. (3) When the broadcast rate used does not exceed 1 1/2 lbs. per acre, fall wheat may be planted 15 months after application.

**WHEAT-SORGHUM-FALLOW**

To control annual broadleaf and grass weeds following wheat harvest and continuing into the following sorghum crop when grown under minimum tillage. Broadcast 3 1/4 lbs. per acre to the wheat stubble immediately following wheat harvest. Use 10-40 gallons of water per acre to assure thorough coverage. If weeds are present, remove them with a sweep plow or other suitable implement after application.

**NOTE:** (1) Sorghum should be planted into the wheat stubble the spring following treatment with minimum disturbance of the soil. Use a surface planter or a planter leaving a shallow furrow. If weeds are present at planting, remove them with a sweep plow or other suitable implement before planting. (2) Do not apply following sorghum harvest.

**PRECAUTIONS:** (1) Use only on a silt loam or heavier soil. (2) Wheat-sorghum-fallow cropping sequence must be followed. (3) Do not graze treated area or feed treated forage to livestock. (4) Do not plant treated area to any crop other than those on this label within 18 months following treatment.



amino-S-Triazine  
Related Compounds  
INERT INGREDIENTS:

76%  
4%  
20%  
TOTAL: 100%

# CAUTION:

Keep Out Of Reach Of Children

Harmful if swallowed. Avoid contact with eyes, prolonged contact with skin, inhalation of dust, and contamination of food and feed.

Do not contaminate domestic or irrigation water supplies or lakes, streams or ponds.

Do not reuse container. Destroy when empty.

# IMPORTANT:

Read the entire directions for use before using this product.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose 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.

A PRODUCT OF  
**TIDE PRODUCTS, INC.**  
EDINBURG, TEXAS 78539

NET CONTENTS: LBS.

\*For combining with Atrazine 80W use a crop oil designated for use with Atrazine 80W containing at least 1 percent suitable emulsifier. Several oils of this type are on the market. Oils contaminated with water or other materials can cause compatibility problems and or crop injury.

## SORGHUM—POSTEMERGENCE APPLICATION

WEEDS TO BE CONTROLLED	SOIL TEXTURE	STAGE OR HEIGHT OF SORGHUM AT TREATMENT	RATE PER ACRE OF ATRAZINE 80W		
			BROADCAST IN 20-40 GALS OF WATER PER ACRE	20-INCH BAND** IN 10-20 GALS OF WATER PER ACRE	13-INCH BAND** IN 7-14 GALS OF WATER PER ACRE
Broadleaf and grass weeds	Sand or loamy sand	Completely emerged	DO NOT USE		
	Sandy loam		BROADLEAF WEEDS BELOW		
	Silt loam to sandy Clay loam		2 1/2-3 Lbs.	1 1/4-1 1/2 Lbs.	13 Oz. - 1 Lb.
	Olton and Pullman clay soils		2 1/2-3 Lbs.	1 1/4-1 1/2 Lbs.	13 Oz. - 1 Lb.
Broadleaf weed	Silt clay loams and heavier soils	Completely emerged	3 1/4 Lbs.	1 Lb. - 1 1/2 Oz.	1 1/4 Lbs.
	Sandy loam and heavier soils	At least 6 inches high	1 1/2 Lbs. Per 4-1 1/2 Pt. Surfactant	1 1/2 Pt. Surfactant	1 1/4 Lbs. Per 1 Pt. Surfactant
	OKlahoma, New Mexico, Texas, Western Kansas, Colorado and Desert Regions of Arizona and California only				

### POSTEMERGENCE APPLICATION\* \*UP TO "CLOSE-IN" \*BASED ON 40-INCH ROW SPACING

**PROCEDURES:** (1) Thoroughly clean sprayer prior to use. Do not use sprayer contaminated with 2,4-D or other materials as soil-plant damage or sprayer clogging may result. (2) In a separate container, make a thin slurry of Atrazine 80W in water, thoroughly wetting the Atrazine 80W. (3) Fill the spray tank with water, allowing for the addition of the Atrazine 80W. (4) With the agitation system in operation, add the Atrazine 80W slurry. (5) Add the emulsifiable oil last. (6) Empty the tank as completely as possible before refilling to prevent a buildup of oil in the tank. Keep the agitation system in operation to avoid a separation of the oil from the water in the spray mixture still remaining in the tank. (7) If an oil film starts to build up in the tank, drain the tank and clean out with a strong detergent solution or solvent. (8) Clean the sprayer thoroughly immediately after use by flushing the system with water containing a detergent.

**NOTE:** (1) Do not use oil in Atrazine 80W 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 80W sprays when treating inbred lines or any breeding stock as injury may occur. (3) Add other insecticides, herbicides, liquid fertilizers, or other materials is not recommended because they may cause compatibility problems or crop injury. (4) Store and handle emulsifiable oil carefully. Oil contaminated with even a small amount of water may not emulsify properly when added to the tank. (5) Do not make more than one application of Atrazine 80W and emulsifiable oil in water per season.

**PRECAUTIONS:** (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 and plowed. (2) Deep planter marks or seed furrows should also be leveled before application. (3) Application made to sorghum growing under stress caused by minor element deficiency or to sorghum growing on highly calcareous soils may result in crop injury. (4) Do not plant any rotational crops other than those specified in the suggestions for rotational crops section below for 18 months following application. (5) Do not graze or feed forage from treated areas for 21 days following application. (6) Following harvest of a treated crop, plow (moldboard or disk-plow) and thoroughly till the soil in the fall or spring to minimize possible injury to rotational spring-seeded crops, regardless of rate used.

**SUGGESTIONS FOR ROTATIONAL CROPS:** (1) Sorghum or corn may be planted the year following treatment. (2) All other rotational crops may be planted 18 months after application. (3) When the broadcast rate used does not exceed 1 1/2 lbs. per acre, fall wheat may be planted 15 months after application.

### WHEAT-SORGHUM-FALLOW

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**PRECAUTIONS:** (1) Use only on a silt loam or heavier soil. (2) Wheat-sorghum-fallow cropping sequence must be followed. (3) Do not graze treated area or feed treated forage to livestock. (4) Do not plant treated area to any crop other than those on this label within 18 months following treatment.

### SUGARCANE

**FOR CONTROL OF MOST NONRHIZOMATOUS WEEDS, SUCH AS CRABGRASS, JUNGLERICE, WIREGRASS, FOXTAIL, AMARANTHS, FLORA'S PAINTBRUSH, FIREWEED AND SIMILAR PLANTS:** Broadcast 2 1/2-5 lbs. per acre in 20-50 gallons of water for adequate coverage of the soil surface at time of planting or ratooning, but before the cane emerges. One additional application may be made over the cane as it emerges, and two additional applications may be made interline after emergence, as a directed spray.

**PRECAUTIONS:** (1) Do not apply Atrazine 80W after "close-in." (2) Do not apply more than 12 1/2 lbs. of Atrazine 80W to any one crop of cane.

### NONSELECTIVE WEED CONTROL ON NONCROP LAND:

Apply Atrazine 80W at rates recommended below before or soon after weeds begin growth. Postemergence applications should be made when weeds are young and actively growing. Use the higher rates on heavy clay and muck soils. Do not contaminate domestic or irrigation water supplies, or lakes, streams or ponds.

Atrazine 80W can be used to provide long-term weed control on industrial sites, highway medians and shoulders, railroad rights-of-way, lumberyards, petroleum tank farms, and in noncrop areas on farms, such as around building equipment and fuel storage areas along fences and lanes.

Use sufficient water to assure thorough coverage. Use at least 1 gallon of water for each lb. of Atrazine 80W more if practical. Mechanical bypass or jet agitation is necessary to keep Atrazine 80W in suspension during application.

**TO CONTROL MOST ANNUAL BROADLEAF AND GRASS WEEDS (SUCH AS BARNYARDGRASS, CHEATGRASS, CRABGRASS, LAMBS-QUARTERS, FOXTAIL, RAGWEED, PUNCTUREVINE, AND TURKEY MULLEIN):** Broadcast 6-12 1/2 lbs. per acre.

**TO CONTROL HARD-TO-KILL ANNUAL AND MANY PERENNIAL BROADLEAF AND GRASS WEEDS (SUCH AS BLUEGRASS, BURDOCK, CANADA THISTLE, DOGFENNEL, ORCHARDGRASS, PLANTAIN, QUACKGRASS, PURPLE TOP, REDTOP AND SMOOTH BROME):** Broadcast 12 1/2-25 lbs. per acre.

**TO CONTROL HARD-TO-KILL BIENNIAL AND PERENNIAL WEEDS (SUCH AS BULL THISTLE AND SOWTHISTLE):** Broadcast 25-50 lbs. per acre.

**FOR LONGER RESIDUAL CONTROL IN REGIONS OF HIGH RAINFALL AND A LONG GROWING SEASON:** Broadcast 25-50 lbs. per acre.

For small areas, 4 1/2 oz. per 1,000 sq. ft. is equivalent to 12 1/2 lbs. per acre.