



# RESTRICTED USE PESTICIDE

(GROUND AND SURFACE WATER CONCERNS)

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION, AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

THIS PRODUCT IS A RESTRICTED USE HERBICIDE DUE TO GROUND AND SURFACE WATER CONCERNS. USERS MUST READ AND FOLLOW ALL PRECAUTIONARY STATEMENTS AND INSTRUCTIONS FOR USE IN ORDER TO MINIMIZE POTENTIAL FOR ATRAZINE TO REACH GROUND AND SURFACE WATER.

# ATRAZINE 80 WP

<b>ACTIVE INGREDIENTS:</b>	<b>BY WT.</b>
Atrazine (2-chloro-4-ethylamino-6-isopropylamino-s-triazine) .....	76%
Related Compounds .....	4%
<b>INERT INGREDIENTS:</b> .....	20%
<b>TOTAL</b>	<b>100%</b>

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water or wetlands. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

Groundwater contamination may be reduced by diking and flooring of permanent liquid bulk storage sites with an impermeable material. This product may not be mixed/loaded, or used within 50 feet of all wells including abandoned wells, drainage wells, and sink holes.

This product may not be mixed or loaded within 50 feet of intermittent streams and rivers, natural or impounded lakes and reservoirs

This product may not be applied aerially or by ground within 66 feet of the points where field surface water runoff enters perennial or intermittent streams and rivers or within 200 ft. around natural or impounded lakes and reservoirs. If this product is applied to highly erodible land, the 66 foot buffer or set back from runoff points must be planted to crop or seeded with grass or other suitable crop

Where there are state/local requirements regarding atrazine use (including lower maximum rates and/or higher set-backs) which are different from the label, the more restrictive protective requirements apply.

## KEEP OUT OF REACH OF CHILDREN WARNING AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

EPA REG. NO. 34704-490  
EPA EST. NO. \_\_\_\_\_

NET WEIGHT \_\_\_\_\_ POUNDS

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### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS & DOMESTIC ANIMALS

**WARNING:** Causes eye irritation. Do not get in eyes or on clothing. Harmful if swallowed, or absorbed through skin. Avoid contact with skin. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse. Users are required to wear long sleeved shirts and long pants or equivalent, chemical resistant gloves, and boots (waterproofed). In addition, persons involved in mixing/loading operations are required to use heavy duty chemical resistant gloves or neoprene gloves and a face shield or goggles.

#### STATEMENTS OF PRACTICAL TREATMENT

**If swallowed:** Contact your local poison control center, hospital or physician.  
**If on skin:** Remove contaminated clothing and wash skin with plenty of soap and water. Get medical attention if irritation persists.  
**If in eyes:** Flush with plenty of water. Get medical attention if irritation persists.

#### ENVIRONMENTAL HAZARDS

Atrazine leaches readily and accepted label rates have been found to result in contamination of water supplies by way of groundwater. Therefore, users are advised to avoid use of atrazine in well drained soils, particularly in areas having high groundwater tables.

#### REENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written and oral warnings must include the following information: "WARNING: Area treated with Atrazine on (date of application). Do not enter, without appropriate protective clothing until sprays have dried." **REQUIRED PROTECTIVE CLOTHING:** Long sleeved shirt, long legged pants, rubber gloves and a respirator approved by the Mining Enforcement and Safety Administration and by the National Institute for Occupational Safety and Health.

**In case of accidental exposure:** Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to Atrazine and describe his condition. For further information see the STATEMENTS OF PRACTICAL TREATMENT portion of the pesticide label.

(CONTINUED)

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**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

**STORAGE:** Store in safe manner. Store in original container only. Store in cool, dry place. Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

**PESTICIDE DISPOSAL:** Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Observe all cautions and limitations on labeling of all products used in mixtures. Do not apply to water drainage areas where runoff or flooding will contaminate ponds, lakes, or streams.

This herbicide will control many annual broadleaf and grass weeds in corn, sorghum, sugarcane, and certain other crops. 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 80 WP 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. It is a wettable powder that should be mixed with water and applied as a spray. Make a slurry by adding to water. Pour the slurry into the spray tank during or after filling. Sufficient hydraulic (jet) or mechanical agitation must be provided during mixing and application to keep the material in suspension. Wash sprayer thoroughly after use. It is noncorrosive to equipment and metal surfaces, nonflammable, and has low electricity conductivity.

**NOTE:** Manufacturer does not recommend the use of Atrazine 80 WP in combination with other herbicides or oils except as specifically described on this label or supplemental labeling distributed by the manufacturer.

**GROUND APPLICATION:** For uniform distribution in broadcast applications, TeeJet 8003 or 8004 fan type or similar nozzles with opening of equal or greater size should be used. For band applications, use TeeJet 8003-E or 8004-E or similar type nozzles. Screens in nozzles as well as those in suction and in-line strainers should be no finer than 50-mesh size. A suitable pump with capacity to deliver 10 to 12 gpm should be used and operating pressures should be 35 to 40 psi. Use 20 to 40 gallons of water per acre to assure even coverage unless otherwise specified.

**AERIAL APPLICATION:** Use only where broadcast applications are specified. Apply a minimum of 1 gallon of water for each 1 lb. to 1 1/2 lbs. of Atrazine 80 WP to be applied per acre.

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

**INSTRUCTIONS FOR SAFE HANDLING:** Avoid application directly to humans or animals. Flagmen and loaders should 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.

**CHEMIGATION:** Do not apply this product through any type of irrigation system.

**ROTATIONAL CROP RESTRICTIONS FOR ALL USES**

1) Land treated with this product should not be planted to any crop except corn or sorghum until the following year or injury may occur.

2) If this product is applied after June 10, do not rotate with crops other than corn or sorghum the next year or crop injury may occur.

3) In the High Plains and Intermountain area of the West where rainfall is sparse and erratic or where irrigation is required, apply this herbicide only when corn or sorghum is to follow corn or sorghum, or a crop of untreated corn or sorghum is to precede other rotational crops.

4) Injury may occur to soybeans planted in north-central and northwest IA, south-central and southwest MN, northeast NE, southeast SD, and other areas the year following application on soils having a calcareous surface layer.

5) In western MN and eastern parts of the Dakotas, NE and KS, corn or sorghum treated with this product should not be followed with soybeans if the broadcast rate applied was more than 2 1/2 lbs. per acre (or comparable rate on a band) or crop injury may occur.

6) Do not plant sugar beets, tobacco, vegetables (including dry beans), spring-seeded small grains, or small-seeded legumes and grasses the year following application as crop injury may occur.

**MAXIMUM RATES PRIOR TO CORN OR SORGHUM EMERGENCE**

For soil applications prior to crop emergence (including early preplant, preplant incorporated, preplant surface, at planting or preemergence) the following maximum rates apply to the total of all atrazine treatments:

Soil Erodibility Classification*	Plant Residue Amount	Maximum Rate Per Acre
Highly erodible	30% or more (conservation tillage program)	2 lbs. active ingredient
	Less than 30% (conventional tillage program)	1.6 lbs. active ingredient
Not highly erodible	No limit	2 lbs. active ingredient

\*As defined by the Soil Conservation Service

**MAXIMUM RATES AFTER CORN OR SORGHUM EMERGENCE**

For postemergence applications, the following maximum rates apply to the total of all atrazine treatments:

Previous Soil Application Of Atrazine To Crop	Total Maximum Rate Per Acre Per Calendar Year
No	2 lbs. active ingredient postemergence
Yes	2.5 lbs. active ingredient combined from soil and postemergence applications

ATRAZINE 80 WP contains 0.8 lb. active ingredient per lb.

**WEEDS CONTROLLED OR SUPPRESSED BY ATRAZINE 80 WP ALONE IN CORN AND SORGHUM**

Preplant, Preemergence or Postemergence at 2 1/2 lbs. per acre, (see CORN and SORGHUM section of label):

**Grass weeds:**

- Barnyard grass (watergrass)\*\*
- Giant foxtail\*
- Green foxtail\*\*
- Large (hairy) crabgrass\*
- Wild oats
- Witchgrass (Panicum capillare)\*\*
- Yellow foxtail\*

**Broadleaf Weeds:**

- Lambquarters\*
- Morning glory (annual)
- Mustard
- Nightshade\*
- Pigweed\*
- Purslane
- Ragweed
- Velvetleaf (buttonweed)\*\*

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Note: For best control of Velvetleaf, do not apply less than the recommended 2 1/2 lbs per acre

**ATRAZINE 80 WP - continued**

**Postemergence With Emulsifiable Oil in Water at 1 1/2 lbs. per acre.**

**Broadleaf Weeds:**

- Cocklebur\*
- Lambsquarters\*
- Morning glory (annual)
- Mustard
- Pigweed\*
- Ragweed
- Smartweed
- Wild Buckwheat

\*Maximum rate limitations and local resistance may result in suppression only or lack of control.

\*\* Suppression or partial control only on medium and fine textured soils.

**CORN:** Atrazine 80 WP may be applied before planting, at planting or after planting, subject to maximum rate limitations. For preplant and pre-emergence applications, nitrogen solutions or complete liquid fertilizers may replace all or part of the water as a carrier for Atrazine 80 WP. Do not apply after corn has emerged as there is danger of liquid fertilizers causing crop injury. Follow precautions at the end of the corn section.

**PREPLANT-** Broadcast in the spring after plowing at the rate indicated in Table 1A. Application may be made before, during or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation of Atrazine 80 WP. Best results have been obtained when it is applied within two weeks prior to planting.

**PREEMERGENCE-** Apply during or shortly after planting prior to weed emergence at the rate indicated in Table 1A.

**POSTEMERGENCE-** Apply before weeds exceed 1 1/2 inches in height, and before corn is over 12 inches tall, at the rate indicated in Table 1B. When nitrogen solutions are used, direct the spray to avoid corn foliage injury. Agitation in the spray tank during application is essential.

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

**TABLE 1: ATRAZINE 80 WP RATES FOR BROADLEAF AND GRASS CONTROL IN CORN**

**A. FOR ALL SOIL APPLICATIONS PRIOR TO CORN EMERGENCE** (including early preplant, preplant incorporated, preplant surface, at planting or preemergence)

Soil Erodibility Classification*	Plant Residue Amount	Maximum Rate Per Acre
Highly erodible	30% or more (conservation tillage program)	2 1/2 lbs.
	Less than 30% (conventional tillage program)	2 lbs.
Not highly erodible	No limit	2 1/2 lbs

\*As defined by the Soil Conservation Service

**B. FOR CORN POSTEMERGENCE APPLICATION**

Previous Soil Application Of Atrazine To Crop	Total Maximum Rate Per Acre Per Calendar Year
No	2 1/2 lbs. postemergence
Yes	3 1/8 lbs. combined from soil and postemergence applications

Postemergence applications to corn must be made before corn exceeds 12 inches in height.

**POSTEMERGENCE WITH EMULSIFIABLE OIL-**The addition of oil to Atrazine 80 WP in water sprays may speed the activity 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.

**GROUND APPLICATION-** Broadcast 2 1/2 lbs. of Atrazine 80 WP and 1 gallon of emulsifiable oil\* in 20 to 40 gallons of water per acre after emergence but before weeds reach 1 1/2 inches in height and before corn is over 12 inches tall.

**AERIAL APPLICATION-** Broadcast 2 1/2 lbs. and 1/2 gallon of emulsifiable oil\* in not less than 5 gallons of water per acre after weed emergence but before weeds reach 1 1/2 inches in height and before corn is over 12 inches tall.

\*For combining with Atrazine 80 WP, use a crop oil designated for use with this product 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 damage or sprayer clogging may result. (2) In a separate container, make a thin slurry of Atrazine 80 WP in water, thoroughly wetting it. (3) Fill the spray tank with water, allowing for the addition of this product. (4) With the agitation system in operation, add the product 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 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 80 WP 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 inbred lines or any breeding stock as injury may occur. (3) Adding other insecticides, herbicides, liquid fertilizers, or other materials is not recommended with this product 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 80 WP and emulsifiable oil in water per season.

**PRECAUTIONS-** (1) Do not apply more than 2 1/2 to 3 1/8 lbs. of this product per acre per calendar year (See MAXIMUM RATES section of label). (2) Following harvest of a treated crop, plow (moldboard, or disc-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. (3) 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 80 WP may be applied before planting, at planting or after planting, subject to maximum rate limitations. Use only on medium and fine textured soils having a minimum of 1% organic matter. For preplant through preemergence applications, nonpressure nitrogen solutions or complete liquid fertilizers may be substituted for all or part of the water as carrier for Atrazine 80 WP. Do not apply in nitrogen solutions or fertilizers after crop emergence as damage may result. Follow precautions at the end of sorghum section.

**PREPLANT-** Broadcast in the spring after plowing at the rate indicated in Table 2A. Application may be made before, during or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation of Atrazine 80 WP. Best results have been obtained when it is applied within two weeks prior to planting. Use only in eastern and central NE and northeast KS.

**PREEMERGENCE-** Follow preplant application rates and limitations except that application timing is during or shortly after planting and prior to weed emergence

**POSTEMERGENCE-** Weeds should be less than 1 1/2 inches high at the time of application and sorghum should not exceed 12 inches in height; sorghum should be completely emerged. Apply rate indicated in Table 2B. When making band applications, reduce the broadcast rate per acre in proportion to the area treated.



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**ATRAZINE 80 WP - continued**

**TABLE 2: ATRAZINE 80 WP RATES FOR BROADLEAF AND GRASS CONTROL IN SORGHUM - Eastern and Central NE, Northeast KS**

**A. FOR ALL SOIL APPLICATIONS PRIOR TO SORGHUM EMERGENCE** (including early preplant, preplant incorporated, preplant surface, at planting or preemergence)

Soil Erodibility Classification*	Plant Residue Amount	Maximum Rate Per Acre
Highly erodible	30% or more (conservation tillage program)	2 1/2 lbs.
	Less than 30% (conventional tillage program)	2 lbs.
Not highly erodible	No limit	2 1/2 lbs

\*As defined by the Soil Conservation Service

**B. FOR SORGHUM POSTEMERGENCE APPLICATION**

Previous Soil Application Of Atrazine To Crop	Total Maximum Rate Per Acre Per Calendar Year
No	2 1/2 lbs. postemergence
Yes	3 1/8 lbs. combined from soil and postemergence applications

Postemergence applications to sorghum must be made before sorghum exceeds 12 inches in height.

**POSTEMERGENCE WITH EMULSIFIABLE OIL**-Sandy loam or finer soils only in NM, OK and TX. The addition of oil to postemergence Atrazine 80 WP in water sprays may speed the activity of Atrazine 80 WP 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 procedures given below.

**Ground Application:** Broadcast 1 1/2 lbs. of Atrazine 80 WP and 1 gallon of emulsifiable oil\* in 20 to 40 gallons of water per acre when sorghum is about 6 to 10 inches in height, but before it exceeds 12 inches tall. Treat before broadleaf weeds reach 6 inches in height.

**Aerial Application:** Broadcast 1 1/2 lbs. of Atrazine 80 WP and 1/2 gallon of emulsifiable oil\* in no less than 5 gallons of water per acre when sorghum is about 6 to 10 inches in height, but before it exceeds 12 inches tall. Treat before broadleaf weeds reach 6 inches in height.

\*For combining with Atrazine 80 WP, use a crop oil designated for use with this product containing at least 1% 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 sorghum damage or sprayer clogging may result. (2) In a separate container, make a thin slurry of Atrazine 80 WP in water, thoroughly wetting the Atrazine 80 WP. (3) Fill the spray tank with water, allowing for the addition of the Atrazine 80 WP slurry. (4) With the agitation system in operation, add the Atrazine 80 WP 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 80 WP 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 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 80 WP and emulsifiable oil in water per season.

**POSTEMERGENCE WITH SURFACTANT**-Sandy loam or finer soils only in CO, western KS, NM, OK, TX and desert regions of AZ and CA - Broadcast 1 1/2 lbs. Atrazine 80 WP and 3/4-1 1/2 pts. surfactant when sorghum is about 6 to 10 inches in height, but before it exceeds 12 inches tall. Use a minimum of 20 gallons of water per sprayed acre by ground and a minimum of 5 gallons per acre by air.

**PRECAUTIONS:** (1) Heavy rains immediately following application tend to result in excessive concentrations of herbicide in seed furrow, 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 graze or feed forage from treated areas for 21 days following application. (4) Following harvest of a treated crop, plow (moldboard or disc-plow and thoroughly till the soil in the fall or spring to minimize possible injury to rotational spring-seeded crops, regardless of rate used.

**CHEMICAL FALLOW; Summer Fallow-Winter Wheat (Pacific Northwest Only):** To control annual weeds and grasses such as downy brome grass (cheatgrass) and mustard as well as volunteer grain.

**One Year Fallow Program:** Broadcast 1/2 lb. Atrazine 80 WP per acre in combination with dalapon (see product labels or state recommendations for rate). Apply to stubble following fall rains after volunteer grain has begun growth (but not later than January 1). If weeds germinate in the spring, they should be controlled with stubble-mulch tillage. Do not make a second application. Do not plant spring cereals; follow only with winter wheat.

**Two-Year Fallow Program:** Broadcast 2 lbs. Atrazine 80 WP per acre in combination with dalapon (see product labels or state recommendations for rate). Apply to stubble following fall rains after volunteer grain has begun growth (but not later than January 1). Do not plant any crop for 2 years following application and then only to winter wheat.

**PRECAUTIONS:** Apply with ground sprayers equipped with mechanical, or hydraulic (jet) agitation, using a minimum of 10 gallons of water per acre. Avoid overlapping. Treat only soils classified as silt loam, clay loam, or clay; do not treat sandy soils. Do not graze livestock on growing wheat, within 6 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 3/4 lbs. per acre to the wheat stubble immediately following wheat harvest. Use 10 to 40 gallons of water per acre to assure thorough coverage. If weeds are present, remove them with a sweep plow or other suitable implement before planting.

**NOTE:** Sorghum should be planted into wheat stubble in 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. Do not apply following sorghum harvest.

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

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**ATRAZINE 80 WP - continued**

**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 to 5 lbs. per acre in 20 to 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 directed spray.

*For control of emerged Perillory Weed (artillery weed) Florida Only:* Apply 1/2 to 3/4 lb. per acre in at least 40 gallons of water per acre as a directed spray. Add 2 quarts of surfactant for each 50 gallons of spray and be sure weed foliage is thoroughly covered.

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

**TURF GRASSES FOR SOD PRODUCTION (St. Augustine, Centipede, and Zoysia Grass):** Broadcast 2 1/2 to 5 lbs. per acre according to soil type as indicated below. Apply in 20 to 40 gallons of water per acre for thorough coverage.

Muck	5 lbs	OLD BEDS: Within 2 days after lifting of sod.
		NEW BEDS: 3 to 4 days after sprigging or plugging.
Sandy Soils	2 1/2 lbs	OLD BEDS: Within 2 days after lifting of sod.
		NEW BEDS: 7 to 10 days after sprigging or plugging.

Apply additional 2 1/2 lbs. on muck or peat, or 1 1/4 lbs. on sandy soils, if weed growth recurs.

**PRECAUTIONS:** Do not apply within 30 days of cutting or lifting. Do not apply Atrazine 80 WP in combination with surfactants or other spray additives, as these combinations may cause injury. Do not use north of North Carolina.

**MACADAMIA NUTS:** For preemergence control of many broadleaf and grass weeds such as crabgrass, foxtail, wiregrass, Flora's paintbrush, Spanish needles, and fireweed: Broadcast 2 1/2 to 5 lbs. in 50 gallons of water per acre before harvest and just prior to weed emergence. Repeat applications as necessary. Do not spray when nuts are on the ground during harvest period. Do not make aerial applications.

**FOREST AND CHRISTMAS TREE PLANTATIONS:** Douglas Fir, Grand Fir, Noble Fir, White Fir, Lodgepole Pine, Ponderosa Pine and Scotch Pine (Pacific Northwest-West of Cascades only).

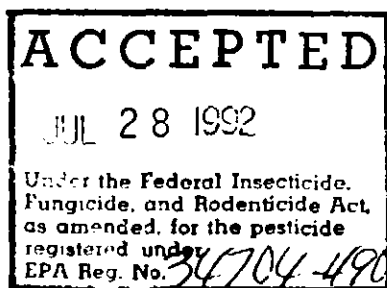
*Annual broadleaf and grass weed control:* Broadcast 2 1/2 to 5 lbs. in 20 to 40 gallons of water per acre to assure thorough coverage. For band application, reduce the rate of Atrazine 80 WP and volume of water in proportion to the area treated. For example, when treating a 4 foot band over trees planted in rows 8 feet apart, apply 1 1/4 to 2 1/2 lbs. per acre. Apply between fall and early spring while trees are dormant or soon after transplanting and before weeds are 1 1/2 inches high.

*Quackgrass control:* Broadcast 5 lbs. per acre in 20 to 40 gallons of water for adequate coverage. Apply in fall or early spring while trees are dormant and before seed seedlings are more than 1 1/2 inches high. This application will also control most annual broadleaf and grass weeds.

**PRECAUTIONS:** Do not graze treated area. Do not apply to seedbeds. Do not make more than one application per year.

**DISCLAIMER OF WARRANTIES:** Seller warrants that the chemical composition of this product conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED, IMPLIED OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing rate and method of application, weather and crop conditions, mixtures with chemicals not specifically recommended on this label or an accompanying written recommendation, are beyond the control of seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product at buyer's option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product and no such warranties, guarantees or directions shall be valid or binding upon seller.

FORMULATED FOR  
**PLATTE CHEMICAL CO.**  
 150 SO. MAIN STREET  
 FREMONT, NEBRASKA 68025.



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