

# 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.



NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 88-8

# ATRAZINE 4L HERBICIDE

DATE: 8/2/93

For Season-Long Weed Control in Corn, Sorghum and Certain Other Crops.

**ACTIVE INGREDIENTS:**

Atrazine (2-chloro-4-ethylamino-6-isopropylamino-s-triazine) .....	42.2%
Related compounds .....	0.8%
<b>INERT INGREDIENTS:</b> .....	<b>57.0%</b>

TOTAL 100.0%

ATRAZINE 4L CONTAINS 4 LBS. ACTIVE INGREDIENTS PER GALLON

## KEEP OUT OF REACH OF CHILDREN CAUTION

See Below For Additional Precautionary Statements, Warranty And Limitation Of Damages And Directions For Use  
EPA REG. NO. 34704-69

EPA EST. NO. \_\_\_\_\_

35988 NET CONTENTS \_\_\_\_\_ GALLONS 06P93

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Keep away from food and feedstuffs.

Users are required to wear long sleeve shirts and long pants or equivalent, chemical resistant gloves, and boots (water-proofed). 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.

### STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call Physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If On Skin: Remove contaminated clothing. Wash skin with soap and water.

If In Eyes: Flush with plenty of water. Get medical attention if irritation persists.

If Inhaled: Remove victim to fresh air. Apply artificial respiration if indicated.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Keep out of lakes, streams, and ponds. Do not contaminate water when disposing of equipment washwaters.

Atrazine can travel (seep or leach) through soil and can enter groundwater which may be used as drinking water. Atrazine has been found in groundwater. Users are advised not to apply atrazine to sand and loamy sand soils where the water table

(groundwater) is close to the surface and where these soils are very permeable, i.e., well-drained. Your Local Agricultural Agencies can provide further information on the type of soil in your area and the location of groundwater.

Ground water 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.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

### REENTRY STATEMENT

Do not enter treated areas without protective clothing until sprays have dried.

Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long-legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

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.

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. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers.

When oral warnings are given, warnings shall be given in a language customarily understood by workers.

Written or oral warnings must include the following information:

#### CAUTION

(Insert area or field description) treated with Atrazine on (insert date of application.)

Do not enter treated areas without protective clothing until sprays have dried.

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 "STATEMENT OF PRACTICAL TREATMENT" portion of the pesticide label.

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# ATRAZINE 4L HERBICIDE

EPA REG. NO. 34704-69

water or other materials can cause compatibility problems and/or crop injury.

### Precautions for Application of ATRAZINE 4L plus Emulsifiable Oil or Oil Concentrate in Water to Corn and Sorghum

- 1) Do not use oil in ATRAZINE 4L sprays when crop is under stress from prolonged cold, wet weather, poor fertility or other factors or when crop 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.
- 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 4L and emulsifiable oil in water per season.

**Mixing procedures - all uses:** (1) Be sure sprayer is clean and not contaminated with other products like 2,4-D or other materials, as crop injury may result. (2) Fill tank 1/2 to 2/3 full with clean water. (3) Start agitation. (4) Pour product directly from container into tank. (5) Add emulsifiable oil, or oil concentrate, or a tank mix herbicide. (6) Finish filling tank with water, nitrogen solution, or liquid fertilizer. (7) Empty tank as completely as possible before refilling to prevent buildup of oil or emulsifiable concentrate residue in tank. Maintain agitation to avoid separation of other materials from water, nitrogen solution, or liquid fertilizer remaining in tank. (8) If an oil or oil concentrate film starts to build up in tank, drain it, and clean with strong detergent solution or solvent. (9) Clean sprayer thoroughly immediately after use by flushing system with water containing a detergent. (10) For liquid nitrogen or liquid fertilizer, use suction screens of 16-mesh or coarser.

### ROTATIONAL CROP RESTRICTIONS FOR ALL USES

- 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) In the High Plains and Intermountain areas of the West where rainfall is sparse and erratic or where irrigation is required, use ATRAZINE 4L only when corn or sorghum is to follow corn or sorghum, or a crop of untreated sorghum or corn is to precede other rotational crops.
- 4) In Western Minnesota and Eastern parts of the Dakotas, Nebraska, and Kansas, corn or 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.
- 5) Injury may occur to soybeans planted in North Central Iowa and South Central Minnesota the year following an ATRAZINE 4L application on Harps, Canisteo, Stroden or other soils having calcareous surface layer.
- 6) 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.

### WEEDS CONTROLLED OR SUPPRESSED BY ATRAZINE 4L ALONE IN CORN AND SORGHUM

Preplant, Preemergence or Postemergence at 4 Pints Per Acre (See CORN and SORGHUM sections of label):

Grass weeds: Barnyard grass (watergrass)\*  
Giant foxtail\*  
Green Foxtail\*\*  
Large (hairy) crabgrass\*  
Wild oats

Witchgrass (*Panicum capillare*)\*

Yellow foxtail\*

Broadleaf Weeds: Cocklebur\*  
Kochia\*  
Lambsquarters\*  
Morningglory (annual)  
Mustard  
Nightshade\*  
Pigweed\*  
Purslane  
Ragweed  
Velvetleaf (buttonweed)\*\*

Note: For best control of Cocklebur and Velvetleaf, do not apply less than the recommended 4 pints per acre.

Postemergence With Emulsifiable Oil or Oil Concentrate in Water at 2 2/3 Pints Per Acre

Broadleaf Weeds: Cocklebur\*  
Lambsquarters\*  
Morningglory (annual)  
Mustard  
Pigweed\*  
Ragweed  
Smartweed  
Wild Buckwheat

\* Maximum rate limitations and local resistance may result in suppression only or lack of control. Refer to IMPORTANT NOTE within GENERAL INFORMATION section of this label.

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

### 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 post-emergence
Yes	2.5 lbs. active ingredient combined from soil and post-emergence applications.

ATRAZINE 4L contains 0.5 lb. active ingredient per pint.

### CORN

ATRAZINE 4L may be applied either before planting, at planting or after planting at the rate indicated in Table 1.

For preplant and preemergence 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 fertilizer causing crop injury.

**PREPLANT:** Broadcast in the spring after plowing at the rate indicated in Table 1A.

Apply 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.

435

# ATRAZINE 4L HERBICIDE

EPA REG. NO. 34704-69

shade, lambsquarters, morningglory, ragweed, smartweed, and velvetleaf in corn.

To apply, refer to the tank mix directions appearing on the Metolachlor 8E label. Note, where directions specify AAtrex® 4L, substitute CLEAN CROP ATRAZINE 4L. All applicable directions, limitations, and precautions on this and the Metolachlor 8E and simazine labels must be followed.

### POSTEMERGENCE

Use a tank mixture of ATRAZINE 4L plus Metolachlor 8E as a postemergence application for the control of barnyardgrass, crabgrass, crowfootgrass, fall panicum, foxtail (giant, green and yellow), jimsonweed, mustard, pigweed, prickly sida, purslane, ragweed, smartweed, and velvetleaf and for partial control of cocklebur, morning-glory, and yellow nutsedge. To apply, follow the tank mix directions appearing on the Metolachlor 8E label. Note, where directions specify AAtrex 4L, substitute CLEAN CROP ATRAZINE 4L. All applicable directions, limitations, and precautions on the Metolachlor 8E label must be followed.

**ATRAZINE 4L + Dual (Metolachlor) 8E + Paraquat or ATRAZINE 4L + Dual (Metolachlor) 8E + Glyphosate or ATRAZINE 4L + Dual (Metolachlor) 8E + Simazine + Paraquat or ATRAZINE 4L + Dual (Metolachlor) 8E + Simazine + Glyphosate.**

#### For Minimum-Tillage or No-Tillage Systems

Use a tank mixture of ATRAZINE 4L + Metolachlor 8E with paraquat or glyphosate, or ATRAZINE 4L + Metolachlor 8E + simazine with paraquat or glyphosate in minimum-tillage or no-tillage systems where corn is planted directly into a cover crop, stale seedbed, established sod, or previous crop residues.

The paraquat tank mixtures will control most emerged annual weeds and suppress many perennial weeds, in addition to controlling most pre-emergence annual broadleaf weeds and grasses. The glyphosate tank mixtures will control emerged annual and perennial weeds, in addition to controlling most pre-emergence annual broadleaf weeds and grasses.

Make application before, during, or after planting but before the corn emerges. To apply, follow the tank mix directions appearing on the Metolachlor 8E label. Note, where directions specify AAtrex 4L, substitute CLEAN CROP ATRAZINE 4L. All application directions, limitations, and precautions on this and the Dual 8E, simazine, paraquat and glyphosate labels must be followed.

#### ATRAZINE 4L + Simazine 80W or Simazine 4L or Simazine 90DF

Use a tank mixture of ATRAZINE 4L + simazine for the control of crabgrass, fall panicum and carpetweed, in addition to the control of the weeds listed for ATRAZINE 4L alone.

Make broadcast application of tank mix before planting, at planting, or after planting, but prior to emergence of corn and weeds. Apply at the rates shown in the table below. Cultivate shallowly if weeds develop.

**PREPLANT SURFACE-APPLIED:** Use on medium- and fine-textured soils in minimum-tillage or no-tillage systems only in CO, IL, IN, IA, KS, KY, MN, MO, MT, NE, ND, SD, WI, and WY. Apply 2/3 the recommended rate of ATRAZINE 4L and simazine shown in Table 2 for the soil texture as split treatment 30-45 days before planting. Apply the remainder at planting. Applications made less than 30 days before planting may be made as either a split or single treatment. On coarse-textured soils, do not apply more than two weeks before planting.

If weeds are present at time of treatment, apply in a tank mix combination with a contact herbicide (for example, paraquat or glyphosate). All applicable directions, precautions and limitations on the contact herbicides' label must be followed.

Note: To the extent possible do not move treated soil out of the row or move untreated soil to the surface during planting, or weed control will be diminished.

**PREPLANT INCORPORATED:** Make soil application and incorporate in the spring before, during, or after final seedbed preparation. Avoid deep incorporation. For best results, apply within two weeks before planting.

**PREEMERGENCE:** Apply during or shortly after planting, but prior to crop and weeds emergence.

All applicable directions, precautions, and limitations on this and the simazine label must be followed.

**TABLE 2**  
**Tank Mixtures With Simazine on Corn**  
**BROADCAST RATE PER ACRE**

1:1 Ratio*				1:2 Ratio**			
Atrazine 4L	Simazine 80W	Simazine 90DF	Simazine 4L	Atrazine 4L	Simazine 80W	Simazine 90DF	Simazine 4L
2 pts.	1 1/4 lbs.	1 1/2 lbs.	2 pts.	1 1/2 pts.	1 1/2 lbs.	1 1/2 lbs.	2 1/2 pts.
Loam, silt loam, silt, clay loam, sandy clay loam, silty clay loam, sandy clay, or silty clay with low organic matter:							
2 3/4 pts.	1 1/2 lbs.	1 1/2 lbs.	2 1/2 pts.	1 1/2 pts.	2.0 lbs.	1 1/2 lbs.	3 1/2 pts.
Loam, silt loam, silt, clay loam, sandy clay loam, silty clay loam, sandy clay, or silty clay with medium to high organic matter, and clay (including dark prairie soils of the corn belt):							
3 pts.	1 1/4 lbs.	1 1/2 lbs.	3 pts.	1 1/2 pts.	2 1/2 lbs.	2 1/2 lbs.	3 1/2 pts.

\* For control of most weeds.

\*\* For control of expected heavy infestations of crabgrass and fall panicum.

#### ATRAZINE 4L + Simazine 80W, Simazine 4L, or Simazine 90DF with Glyphosate

Use a tank mixture of ATRAZINE 4L + simazine + glyphosate for control of certain broadleaf weeds and grasses where corn will be planted directly into a cover crop, established sod, or in previous crop residues. Refer to glyphosate label for rates and tank mix directions. All applicable directions, limitations, and precautions on this, the simazine, and the glyphosate label must be followed.

#### ATRAZINE 4L + Simazine 80W, Simazine 4L, or Simazine 90DF with Paraquat

Use a tank mixture of ATRAZINE 4L + simazine + paraquat to control most emerged weeds and for residual weed control where corn will be planted directly into a cover crop, established sod or in previous crop residues. Add ATRAZINE 4L and simazine to water in spray tank. Agitate until thoroughly mixed. Next add paraquat and a nonionic surfactant, such as X-77®, LOW-ELAND ACTIVATOR 90, or similar nonionic surfactant approved for agricultural use.

Continue agitation during application. Apply 2 to 4 pts. of ATRAZINE 4L plus 1 1/4 to 2 1/2 lbs. simazine 80 (or 2 to 4 pts. simazine 4L, or 1 1/2 to 2 1/2 lbs. simazine 90DF) plus 1 to 2 pts. paraquat in 20 to 60 gals. of water per sprayed acre. Make broadcast application before, during, or after planting, but before emergence of corn. Add 1/2 pt. of a nonionic surfactant per 100 gallons of spray mixture. Use the higher rate of paraquat if existing weeds are 4 to 6 inches tall. Weeds taller than 6 inches will not be controlled.

All applicable directions, limitations, and precautions on this, the simazine and the paraquat labels must be followed.

#### PRECAUTIONS FOR ALL APPLICATIONS TO CORN

- 1) Do not apply more than 4 to 5 pts. ATRAZINE 4L to corn in any one year. (See MAXIMUM RATES section of label.)
- 2) 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.
- 3) Do not graze treated area or feed treated forage to livestock for 21 days following application.
- 4) For postemergence applications plus emulsifiable oil, see additional precautions under that section of this label.

#### SORGHUM AND SORGHUM-SUDAN HYBRIDS (GRAIN AND FORAGE TYPES):

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

Use only on medium and fine textured soils having a minimum of 1% organic matter, except as separately recommended for furrow-irrigated bedded sorghum grown in Arizona and California. Postemergence applications to sorghum must be made before sorghum exceeds 12 inches in height.

#### Preplant (Broadleaf and Grass Control):

Broadcast in the spring after plowing at the rate indicated in Table 3. 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



# ATRAZINE 4L HERBICIDE

EPA REG. NO. 34704-69

forage sorghum the spring following this treatment.

## CHEMICAL FALLOW

### WHEAT-SORGHUM-FALLOW

This treatment controls\* annual broadleaf and grass weeds following wheat harvest and in the following sorghum crop when grown under minimum tillage.

Apply 6 pts. to wheat stubble immediately following wheat harvest. If weeds are present, remove them with a sweep plow or other suitable implement after application. Plant sorghum into wheat stubble the following spring 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.

**Precautions:** (1) Use only on silt loam or finer textured soil. (2) Wheat-sorghum-fallow cropping sequence must be followed. (3) Do not apply following sorghum harvest.

**Note:** Do not graze or feed forage from treated area to livestock. Do not plant any crop other than those on this label within 18 months following treatment.

(\*Local resistance may result in suppression only or lack of control of some weeds. Refer to IMPORTANT NOTE within GENERAL INFORMATION SECTION of this label.)

### WHEAT-CORN-FALLOW (KS, NE)

This treatment controls cheatgrass (downy brome, chess), Kochia\*, mustards, pigweed\*, Russian thistle, wild lettuce, wild sunflower, and volunteer wheat following wheat harvest. Control may extend into the following corn crop when grown under minimum tillage.

Apply 6 pts. per acre to wheat stubble immediately following wheat harvest. If weeds are present, remove them with a sweep plow or other suitable implement after application. Plant corn into wheat stubble the following spring 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.

**PRECAUTIONS:** (1) Use only on silt loam or finer textured soil. (2) Wheat-corn-fallow cropping sequence must be followed. (3) Do not apply following corn harvest.

**NOTE:** Do not graze or feed forage from treated area to livestock. Do not plant any crop other than those on this label within 18 months following treatment.

(\*Local resistance may result in suppression only or lack of control. Refer to IMPORTANT NOTICE within GENERAL INFORMATION SECTION of this label.)

### WHEAT-FALLOW-WHEAT (CO, KS, MT, NE, ND, SD, and WY)

This treatment controls cheatgrass (downy brome, chess), common lambsquarters\*, field pennycress, Kochia\*, mustard, Russian thistle, wild lettuce, and suppresses volunteer wheat during fallow period of a wheat-fallow-wheat rotation. Apply 1 to 2 pts. per acre. Use higher rate to control wild sunflower and pigweed\*. Apply to stubble ground. Apply only once during the same fallow period. Use only on silt loam or finer textured soil.

(\*Local resistance may result in suppression only or lack of control. Refer to IMPORTANT NOTE within GENERAL INFORMATION SECTION of this label.)

## SUGARCANE

To control many broadleaf and grass weeds, such as amaranths\*, crabgrass, fireweed, Flora's paintbrush, foxtails\*, junglerice\*, and wiregrass, apply 2 to 4 qts. per acre at the time of planting or ratooning, but before emergence of sugarcane. Broadcast by air in a minimum of 5 gallons of spray per acre, or broadcast or band by ground equipment in a minimum of 20 gallons of spray per acre, unless otherwise indicated. One additional application may be made over sugarcane as it emerges, and two additional applications may be made interline after emergence as directed sprays. Where needed, repeat treatments may be applied broadcast, band, or interline as suggested with the final application being made prior to close-in. Do not exceed the rate of ATRAZINE 4L recommended for any one crop of sugarcane.

**Note:** Where high rates of ATRAZINE 4L are used alone, apply in a minimum of 1 qt. of water for each 1 qt. of ATRAZINE 4L applied per acre.

**Aerial Application:** Apply at a maximum height of 10 feet, using low drift nozzles at a maximum pressure of 40 psi, and restrict application to periods when wind speed does not exceed 10 mph. To assure that spray will not adversely affect adjacent sensitive nontarget plants, apply ATRAZINE 4L alone by aircraft at a minimum upwind distance of 400 feet from sensitive plants.

(\*Local resistance may result in suppression only or lack of control. Refer to IMPORTANT NOTE within GENERAL INFORMATION SECTION of this label.)

## FLORIDA

To control emerged pellitory weed, apply  $\frac{4}{5}$  to  $1\frac{1}{5}$  pts. per acre in at least 40 gallons of water per acre. Apply as a directed spray, by ground equipment, prior to close-in. Add 4 quarts of surfactant for each 100 gallons of spray. Thoroughly cover the weed foliage.

To control alexandergrass\*, large crabgrass, pellitory (artillery) weed, and spiny amaranth\*, make application by one of the following methods at planting or ratooning:

1. Apply 4 qts. per acre, preemergence. Make one or two additional applications, as needed, postemergence to sugarcane and weeds, at 2 quarts per acre. Make application before weeds are greater than  $1\frac{1}{2}$  inches in height.

2. Apply one to three times, as needed, at 2 qts. per acre postemergence to both sugarcane and weeds. Make application before weeds are greater than  $1\frac{1}{2}$  inches in height.

## LOUISIANA

To control annual weeds during summer fallow period, apply 2 qts. per acre to weed free beds, immediately after beds are formed. After planting, follow normal weed control.

**Precautions:** (1) Do not apply more than 10 quarts per acre to any one sugarcane crop. (2) If applying 2 quarts per acre during summer fallow period, do not apply more than 4 quarts per acre during the remainder of the growing season.

## TEXAS

To control barnyardgrass\*, pigweed\*, purslane, and sunflower, in plant or ratoon sugarcane, apply preemergence at 4 qts. per acre. Make one or two additional applications, as needed, at 3 qts. per acre postemergence to sugarcane and weeds.

To achieve best results when weeds are emerged, add a non-ionic surfactant at a concentration of 2 qts. per 100 gallons of spray and apply before the weeds are greater than  $1\frac{1}{2}$  inches in height.

(\*Local resistance may result in suppression only or lack of control. Refer to IMPORTANT NOTE within GENERAL INFORMATION SECTION of this label.)

**Precautions:** (1) Sugarcane may be injured when under moisture stress, when soil is of low absorptive capacity, or when land is first planted to sugarcane. (2) Do not apply after close-in. (3) Do not apply more than 10 quarts per acre to any one crop of sugarcane.

## MACADAMIA NUTS

For preemergence control of many broadleaf and grass weeds including crabgrass, foxtail\*, wiregrass, Flora's paintbrush, Spanishneedles, and fireweed, apply 2 to 4 qts. per acre before harvest. Repeat as necessary. Do not apply when nuts are on the ground during harvest period. Do not apply by air.

## GUAVA

For the control of many annual broadleaf and grass weeds, including fireweed, purslane, scarlet pimpernel, Spanishneedles and sowthistle. Apply only on established plantings, at least 18 months old. Apply preemergence or early postemergence to weeds as a directed spray at 2 to 4 qts. per acre in 20 to 50 gallons of spray mix. When applying postemergence, the use of a surfactant and greater spray volume (80 to 100 gallons of spray mix per acre) may enhance weed control.

**Note:** (1) Do not allow spray to come into contact with foliage or fruit. (2) Do not apply more frequently than at 4 month intervals. (3) Do not apply more than 8 quarts of ATRAZINE 4L per year.

## TURF GRASSES FOR SOU

(FLORIDA ONLY)

ST. AUGUSTINEGRASS, CENTIPEDEGRASS, AND ZCYSLA GRASS

For the control of most annual broadleaf and grass weeds, such

**BEST AVAILABLE COPY**


Reg # 10404-44

PR-23

12-2

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

<b>(A)</b> 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> <b>Amendment</b> <input type="checkbox"/> Other	OPP Identifier Number <b>NOTIFICATION 201766</b>
	<b>Application for Pesticide:</b>		

**Section I**

1. Company/Product Number 10404-44	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) LESCO BENTGRASS SELECTIVE BROADLEAF HERBICIDE	PMS 23	
5. Name and Address of Applicant (Include ZIP Code) LESCO, Inc. 20005 Lake Road Rocky River, OH 44116 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____ Product Name _____	

**Section II**

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below

**Explanation:** Use additional page(s) if necessary (For section I and Section II)

LABEL CHANGE PER PR NOTICES 93-3 and 93-8

**BEST AVAILABLE COPY** DATE 8/3/97

**NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 93-8**

**Section III**

1. Material This Product Will Be Packaged In:			
Child Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," Unit Package wgt _____	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," Package wgt _____	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted.		No per container _____	No per container _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) of Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other (_____)			

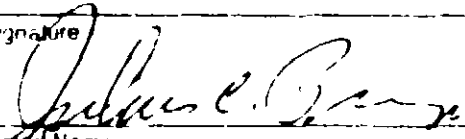
**Section IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Julius C. Prinzo	Title Manager, Product Registration	Telephone No. (Include Area Code) 216/333-9230
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**Certification**

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature 	3. Title Manager, Product Registration	6. Date Application Received* (Stamped)
4. Printed Name Julius C. Prinzo	5. Date 7/26/93	

# LESCO Bentgrass Selective Broadleaf Herbicide

NOTIFICATION  
LABEL NOT REVIEWED  
PER FR NOTICE 00-8

DATE 8/3/93

### SEEDING

Do not apply to newly seeded turf until after the second or third mowing. Seed can be safely sown 3 to 4 weeks after application at recommended rates. A good rain or deep watering should occur before seeding.

**IMPORTANT:** Do not use on Centipede grass, St. Augustine grass or dichondra, nor lawns or turf where desirable bentgrass or clovers are present. Do not apply to areas underlaid by roots of desirable trees and shrubs. See paragraph on Seeding.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** May be fatal if swallowed. Corrosive; causes eye damage and skin irritation. Do not get in eyes, on skin or clothing.

When using this product (non-commercial users AND commercial mixer/loader/applicators when applying on golf courses), wear long-sleeved shirt, long pants, socks, shoes, rubber gloves, and eye protection. It is recommended that safety glasses include front, brow, and temple protection.

When using this product (commercial mixer/loader/applicators when applying to places other than golf courses): When mixing, loading or applying this product, wear long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves, and eye protection. It is recommended that safety glasses include front, brow, and temple protection.

After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower. Avoid contamination of food-stuffs. Wash hands after use and before eating or drinking.

#### RE-ENTRY AND WORKER SAFETY STATEMENT

Do not allow people (other than the applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Storage:** Store product in original labeled container in a cool, dry, locked place out of reach of children. Store in a separate area for herbicides. Store above 32°F.

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

**Container Disposal:** (Metal) Triple rinse or equivalent). Then offer for recycling or reconditioning or, puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. (Plastic) - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwaters.

**Groundwater contamination** - Most cases of groundwater contamination involving phenoxyherbicides such as 2,4-D and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling pesticide at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

### NOTICE

LESCO, Inc. warrants that this herbicide conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this herbicide is reasonably fit for its intended purposes. Since timing, method of application, weather, plant and soil conditions, mixture with other chemicals, and other factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.

EPA REG. NO. 10404-44  
EPA EST. NO. 10404-OH-02

Net Contents:     2.5 Gal.                       1 Gal.                       2x2.5 Gal./Case                       6x1 Gal./Case  
  #031643                      #013998                      #031755                      #014063

LESCO, INC.  
20005 Lake Road, P.O. Box 16315  
Rocky River, Ohio 44116

02/93WP