



Atrazine 4L

For season long weed control in corn,
sorghum and other crops

ACTIVE INGREDIENTS	100%
Atrazine (4-chloro-2-methyl-6-isopropylamino-1,3,5-triazine)	99.9%
Inert Ingredients	0.1%
Atrazine 4L contains 4 lbs. of active ingredient per gallon.	

DO NOT DETACH BOOKLET FROM CONTAINER

KEEP OUT OF REACH OF CHILDREN CAUTION

See inside booklet for
"PRECAUTIONARY STATEMENTS and
STATEMENT OF PRACTICAL TREATMENT"

1. Atrazine 4L is a herbicide. It is not to be used on lawns, gardens, or other areas where it may be harmful to plants or animals.

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED Contact your local poison control center, hospital or physician. If the patient is unconscious, maintain breathing and heartbeat (cardiopulmonary resuscitation). If the patient is conscious and alert, induce vomiting by use of specac or stimulate the back of the throat with a finger. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

IF INHALED Remove the person to fresh air. If breathing is difficult, administer artificial respiration.

IF ON SKIN Remove contaminated clothing and wash with soap and water.

IF IN EYES Flush with plenty of water. If irritation persists, consult a physician.

PRECAUTIONARY STATEMENTS CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed. Inhaled dust or spray may irritate the respiratory tract. Do not breathe dust or spray mist. Avoid contact with eyes, skin or clothing. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

Do not apply this product in such a manner as to cause injury through drift exposure to workers or other persons. The spraying nozzles must be vacated by employees before use.

Atrazine leaches readily and adequate studies 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.

NOTE TO PHYSICIANS: There is no specific antidote for atrazine. If this product is ingested, induce emesis or lavage stomach. The use of an aqueous slurry of activated charcoal may be considered.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water or wetlands. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

REENTRY STATEMENTS

Do not enter treated areas without proper protective clothing. If sprays have dried, protective clothing means long pants, long-sleeved shirt, and a hat. If the person is wearing a long-sleeved shirt, long pants, and a hat, they may reenter the area without protective clothing. If the person is wearing a long-sleeved shirt, long pants, and a hat, they may reenter the area without protective clothing.

In certain states may require registration. For more information, contact your state Department of Agriculture for further information.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL

STORAGE

Store in a cool, dry location away from children, food, feed, and other agricultural products. Do not store in a place where it can be accessed by children or animals.

In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust, or other absorbent material. Scrape up and dispose of in a container with information given under "DISPOSAL". The package and label are reusable product in a round container.

In case of fire or other emergency, report at once to the toll free telephone to 800-424-9300.

DISPOSAL

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

CONTAINER DISPOSAL: 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.

GENERAL INFORMATION

This herbicide controls many annual, biennial and grass weeds in corn, sorghum, sugarcane and certain other crops specified on this label. It is also effective in noncrop areas and industrial sites for control of most annual and many perennial broadleaf and grass weeds. This product may be applied before or after weeds emerge.

Following many years of continuous use of this product, no herbicide-related products, including the weeds, have been reported which are resistant to the effects of atrazine. We recommend the use of this product in combination with other registered herbicides with which it may be tank mixed for better control of weeds.

The product is mainly for use in corn, sorghum, sugarcane and certain other crops. The rate of application depends on the growth stage of the weeds, the soil type, and the weather conditions. For more information, contact your state Department of Agriculture for further information.

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APPLICATION PROCEDURES

Ground Application: Use a pump or sprayer with a nozzle that produces a fine spray. The spray should be applied in a uniform manner over the entire area to be treated. Do not apply in a manner that causes drift to neighboring areas. Do not apply in a manner that causes the product to be blown off the leaves of the plants.

Use a pump with capacity to (1) maintain 30-40 psi at nozzles, (2) provide sufficient agitation in tank to keep mixture homogeneous, and (3) provide a minimum of 10 gallons of water per acre. The amount of product to be applied depends on the growth stage of the weeds, the soil type, and the weather conditions. For more information, contact your state Department of Agriculture for further information.

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be 50 mesh or coarser screens between the pump and boom and where required at the nozzle. A fine mesh filter is recommended.

For ground application, use a pump or sprayer with a nozzle that produces a fine spray. The spray should be applied in a uniform manner over the entire area to be treated.

Aerial Application: Use a pump or sprayer with a nozzle that produces a fine spray. The spray should be applied in a uniform manner over the entire area to be treated. Do not apply in a manner that causes drift to neighboring areas. Do not apply in a manner that causes the product to be blown off the leaves of the plants.

The product is mainly for use in corn, sorghum, sugarcane and certain other crops. The rate of application depends on the growth stage of the weeds, the soil type, and the weather conditions. For more information, contact your state Department of Agriculture for further information.

Application in Water or Liquid Fertilizer: Use a pump or sprayer with a nozzle that produces a fine spray. The spray should be applied in a uniform manner over the entire area to be treated. Do not apply in a manner that causes drift to neighboring areas. Do not apply in a manner that causes the product to be blown off the leaves of the plants.

The product is mainly for use in corn, sorghum, sugarcane and certain other crops. The rate of application depends on the growth stage of the weeds, the soil type, and the weather conditions. For more information, contact your state Department of Agriculture for further information.

For each pint of Atrazine 4L or other liquid or flowable product to be applied per acre, add 0.5 teaspoon or 2.5 milliliters of the product to one pint of fluid fertilizer (assuming a volume of 25 gallons per acre).

For each pound of a dry product to be applied per acre, add 1 level teaspoon or 5 milliliters of the product to one pint of fluid fertilizer (assuming a volume of 25 gallons per acre).

After the mixture is prepared, it should be applied immediately. Do not store the mixture for more than 24 hours. Do not use the mixture if it has been stored for more than 24 hours.

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under:
EPA Reg. No. 719-55

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If more is required, apply an additional 4 pt per acre on much of
peat or 6 pt per acre on sandy soil.

MACADAMIA NUTS

For permanent control of many broadleaf and grass weeds including crabgrass, foxtail, wildgrasses, fleabane, pigweed, sparrowgrass and many others, use 4.0 fl. oz. per acre before or after the weeds have germinated. It is necessary to cut weeds after they are in flower and before seed is shed. Do not apply to 2-

SUGARCANE

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Note: The high value of ΔH_{ADH}° of 40 kcal/mole suggests that the reaction is highly endothermic.

Aerial application: is a procedure that spray will be controlled within the target area when used according to label directions. i.e. applications at a maximum height of 10 ft using low drift nozzles at a maximum pressure of 40 psi and restrict application

assure that spray will not adversely affect a crop's sensitivity to herbicide. At a 2000 ft/min spray speed, the minimum upwind distance of 400 ft. is a safe margin.

Florida

For control of emerged beetles, use 1 cup (1 B.) of water in at least 40 gal of water as a diluting spray, and apply immediately prior to "close in." Add 4 oz of surfactant for each 100 gal of spray. Thoroughly cover nest holes.

For control of alexandergrass, large crabgrass, *galium aparine*,
weed, and spiny amaranth, use one of the following methods:
planting or returning.

1. Apply 8 pt per acre (1 lb 8 oz) of 2,4-D (2,4-Dichlorophenoxyacetic acid) as a pre-emergence application as directed. Post-emergence application of 2,4-D is not recommended. Apply at 4 pt per acre (1 lb) before weeds emerge. Do not apply within 30 days of application.
2. Apply 1.3 fl oz as needed at 4 pt per acre (1 lb) before weeds emerge. Do not apply within 30 days of application.

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Use ATRAZINE for control of weeds in corn, sorghum, soybeans, cotton, and sugarcane. It is also used for control of weeds in rice, wheat, and barley.

Apply 8 oz. per acre of ATRAZINE at pre-emergence or with one or two applications as needed at 10-14 day post-emergence to sugarcane and weeds.

For best results, when weeds are emerged add a wettable surfactant at a concentration of 2 qt per 100 gal. of the 50A, and apply before weeds exceed 1.5 inches in height.

Precautions: (1) Injury to sugarcane may occur when under moisture stress, when soil is of low absorptive capacity or when land is first cropped to sugarcane. (2) Do not apply after "close-in". (3) Do not apply more than 20 lb. per acre to any one crop of sugarcane.

CONIFERS

For control of annual broadleaf and grass weeds prior to transplanting, after transplanting or in established conifers (including Douglas fir, grand fir, noble fir, white fir, Austrian pine, blue spruce, Jeffrey pine, knobcone pine, loblolly pine, sugarpine pine (shore pine), Monterey pine, ponderosa pine, slash pine, blue spruce, and Sitka spruce) Broadcast 4 lb. or a minimum of 5 gal. of water per acre by air or 0 gal. by ground before weeds are 15 inches tall. Apply to established trees between fall and early spring while trees are

sufficient precipitation to activate ATHAZINE 41 before rain
drying. In areas where spring and summer rainfall
is inadequate to ensure the efficacy of the product, the
feasibility

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1. *Indica* (Cultivated in the East Indies, China, and the East Indies).
 2. *Indica* (Cultivated in the East Indies, China, and the East Indies).
 3. *Indica* (Cultivated in the East Indies, China, and the East Indies).

NONSELECTIVE WEED CONTROL ON NONCROP LAND

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Since the fish were fed a diet of 10% protein, the fish were fed 10% of their body weight in food each day. The fish were fed 10% of their body weight in food each day. The fish were fed 10% of their body weight in food each day.

Note: The following information is for informational purposes only.

Annual broadleaf and grass weeds (including barnyard grass, cheatgrass, crabgrass, lambsquarters, foxtail, ragweed, puncturevine, and turkey muslin) 50% 100% 50%
10 quarts of ATHA/INR 4; per acre

Hard to kill annual and perennial broadleaf and grass weeds (including bluegrass, burdock, Canada thistle, dogfennel, orchardgrass, plain quackgrass, purpletop, redtop, and smooth brome) broadleaf 1.5 to 5 quarts of ATHAZINE 41 per acre.

Hard to kill biennial and perennial weeds including bull
thistle and sowthistles; i

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for each area & find values per 1000 sq. m. & convert to
1025 g/1000 sq. m.

NOTICE

The information for use in this report is based on reports based on field observations and interviews conducted and believed to be reliable and accurate. However, it is important to note that the information associated with use of the product is not without further investigation. The information is not intended to be a cause of any failure or damage to the product or other materials of the manufacturer, its agents, or others which are beyond the control of the manufacturer and are assumed by the Buyer.

Seller warrants that the product conforms to the description and is reasonably fit for purposes stated in the label when used in accordance with the instructions and conditions of use. Seller does not warrant that the product is free of all defects, or that the product is suitable for any other purpose. Seller does not warrant that the product is free of express or implied defects, or that the product is free of latent defects. Seller does not warrant that the product is free of defects in design, materials, workmanship, or construction. Seller does not warrant that the product is free of defects in performance, or that the product is free of defects in durability. Seller does not warrant that the product is free of defects in safety, or that the product is free of defects in health. Seller does not warrant that the product is free of defects in environmental impact, or that the product is free of defects in social impact. Seller does not warrant that the product is free of defects in any other area. Seller does not warrant that the product is free of defects in any other area.

Boston* trademark of Boston Chemical Company, Inc. for herbicide
Caliber* trademark of CIBA GEIGY for insecticide
Concept* trademark of CIBA GEIGY
Dual* trademark of CIBA GEIGY for insecticide (U.S. Patent No. 3,937,730)
Egryn* trademark of CIBA GEIGY for herbicide (U.S. Patent No. 3,634,062)
Lasso* trademark of Monsanto Company for herbicide
Princep* trademark of CIBA GEIGY for herbicide
Ramrod* trademark of Monsanto Company for herbicide
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