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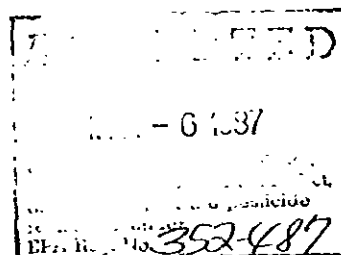
RESTRICTED USE PESTICIDE

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. See Precautionary Statements for reasons for that product being classified Restricted Use.

BLADEX®/Atrazine (2:1)

80W

Herbicide for Field Corn



BLADEX®/Atrazine (2:1) 80W is a Wettable Powder.

Active Ingredients

By Weight

2-[[4-chloro-6-(ethylamino)-s-triazin-2-yl] amino]-2-methylpropionitrile.....	53.4%
Atrazine, 2-chloro-4-(ethylamino)-6-(isopropylamino) s-triazine.....	25.3%
Related compounds.....	1.3%
Inert Ingredients.....	<u>20.0%</u>
	100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

Statement of Practical Treatment

IF SWALLOWED, call a physician or poison control center. Drink 1 or 2 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 IN EYES, flush with plenty of water. Get medical attention if irritation persists.

IF ON SKIN, wash with plenty of soap and water.

IF INHALED, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

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EPA Reg. No. 352-487

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Wilmington, Delaware 19898

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PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS
WARNING

WARNING: May be fatal if swallowed. Harmful if inhaled or absorbed through the skin. Causes temporary eye injury. This product may be hazardous to your health. This product has been determined to cause birth defects in laboratory animals. Use of protective clothing and equipment and following the precautions below can reduce risk.

Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. Do not get in eyes or on clothing. Wear a face shield when mixing and loading. Wash thoroughly with soap and water after handling and before eating or smoking.

Wear long trousers and long-sleeved clothing when applying this product. Wear rubber gloves extending above the wrist. Wear long trousers and long-sleeved clothing when mixing or loading or when adjusting, repairing or cleaning equipment. Remove contaminated clothing and wash before reuse. Heavily contaminated clothing should be taken off immediately and incinerated or burned, if allowed by State and local authorities, or disposed of in a sanitary landfill and not laundered.

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.

Keep out of reach of domestic animals, particularly cattle. Consumption of this product, spray solutions, or water contaminated with product, spray solutions, or water contaminated with product can result in serious illness or possible death of bovines.

For medical emergencies involving this product, call toll free 1-800-441-3637.

ENVIRONMENTAL HAZARDS

Cyanazine and atrazine are pesticides which can move (seep or travel) through soil and can contaminate groundwater which may be used as drinking water. Cyanazine and atrazine have been found in groundwater as a result of agricultural use. Users are advised not to apply cyanazine where the water table (groundwater) is close to the surface and where the soils are very permeable (i.e., well-drained soils such as loamy sands). Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

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Atrazine is toxic to aquatic invertebrates. Do not apply directly to water or wetlands. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning or equipment of disposal of wastes.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Do not use or store around the home environment. Avoid contact with water. In case of spill or leak, soak with sand, earth or synthetic absorbent (do not use alkaline absorbents) and dispose of wastes in compliance with local, State and Federal regulations.

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

GENERAL INFORMATION

BLADEX/Atrazine (2:1) 80W Herbicide is a selective preemergence herbicide-package mix for the control of annual grasses and broadleaved weeds in field corn. The control of grasses is improved with this package mix.

Consult your local Agricultural Extension Agent for help in determining soil type, organic matter content, and the most appropriate herbicide rate for local conditions.

When BLADEX/Atrazine (2:1) 80W Herbicide is used as directed on this label, the user can only plant field corn or rotate from corn to corn or sorghum the following year.

As a preemergence herbicide BLADEX/Atrazine (2:1) 80W is active mainly through the roots, and therefore its effect on weeds is dependent on adequate rainfall to move the herbicide into the root zone. A rotary hoeing or shallow cultivation is recommended if a rainfall or sprinkler irrigation has not occurred within about ten days after application of BLADEX/Atrazine (2:1) 80W. Moisture should be sufficient to wet the top 1 1/2 to 2 inches of soil or make the soil too wet to cultivate; for most soils one-half inch of moisture sufficient. Under conditions which delay weed germination, such as low temperatures, lack of soil surface moisture, or when germination extends over a long period, the effectiveness of the herbicide may be impaired. Rotary hoeing or a shallow cultivation may be of benefit under these circumstances. If the corn is cultivated, tillage should be shallow to minimize herbicide dilution in the soil. Should the corn stand be lost due to adverse weather conditions, the field can be replanted the same season to corn or sorghum.

BLADEX/Atrazine (2:1) 80W is not effective when used preemergence on peat or muck soils. Do not use BLADEX/Atrazine (2:1) 80W on sands or loamy sands (soils consisting of more than 70% sand) containing less than 1% organic matter. BLADEX/Atrazine (2:1) 80W should be applied only once per crop season.

Observe all cautions and limitations of labeling of all products used in mixtures. The effectiveness of any combinations is generally dependent on weed spectrum, soil texture and soil organic matter content.

APPLICATION DIRECTIONS

General Mixing and Spraying Directions

Be sure the sprayer tank, boom and nozzles have been thoroughly flushed with clean water, if another pesticide has been used previously.

Sufficient jet or mechanical agitation should be provided during the filling operation and during application. Fill the spray tank at least one-half full of clean water and while pump and agitator are running, add the recommended amount of BLADEX/Atrazine (2:1) 80W to the tank, then fill with water to the desired level. (BLADEX/Atrazine (2:1) 80W Herbicide can be premixed as a slurry before adding to the tank.)

Allow the pump to run several minutes before application to ensure proper suspension and mixing of BLADEX/Atrazine (2:1) 80W. If BLADEX/Atrazine (2:1) 80W is allowed to stand in a spray tank or nurse tank for an extended period (several hours or overnight), provide good agitation for several minutes before application to ensure proper suspension and mixing.

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Apply with flat fan (even flat fan or band application) or flooding nozzle in conjunction with 50-mesh nozzle screens and in-line screens. Carefully follow the nozzle manufacturer's recommendation for correct nozzle height, positioning and spacing. Check for uniform distribution or spray droplets. Apply at pressures of 20-40 psi to reduce chemical loss due to fine mist drift.

Check nozzles, pressure, and output regularly to assure proper calibration and application.

Apply the spray solution containing BLADEX/Atrazine (2:1) 80W evenly to the soil surface using 15-30 gallons per acre for ground application. A rotary hoeing is recommended for those applications of BLADEX/Atrazine (2:1) 80W which are not incorporated at time of treatment or which do not receive adequate rainfall or sprinkler irrigation within about 10 days after application.

Preemergence, Preplant or Preplant Incorporated

Apply BLADEX/Atrazine (2:1) 80W immediately before planting, at planting, or after planting, but before the crop has emerged. The removal of treated soil from seed row prior to or during planting operation may reduce the effectiveness of this product in the row where preplant applications are used.

Use BLADEX/Atrazine (2:1) 80W at 1.5 to 5 pounds per acre in broadcast treatments. (For band application, use proportionately less.) Adjust the rate of application for a given soil as closely as possible to the optimum rate given in table Preemergence, Preplant or Preplant Incorporated Broadcast Application Rates of BLADEX/Atrazine (2:1) 80W on Corn.

BLADEX/Atrazine (2:1) may be applied preemergence with liquid fertilizers. To apply BLADEX/Atrazine (2:1) 80W with liquid fertilizer fill the spray tank at least one half full of liquid fertilizer and add the recommended amount of BLADEX/Atrazine (2:1) 80W to the tank, then fill with liquid fertilizer to the desired level. BLADEX/Atrazine (2:1) 80W must be premixed in water as a slurry before being added to the fertilizer. Sufficient jet or mechanical agitation should be provided during the filling operation and during application. If the fertilizer requirement is less than 15 gallons per acre, add sufficient water to increase the volume of the mixture to assure adequate volume for even distribution to the soil surface. If incorporation of preplant application of the fertilizer mixture is desired, use power cultivation equipment set for 2-3 inch depth, or a tandem disc set to penetrate 2-4 inches while operating at 4-6 mph. Do not store BLADEX/Atrazine (2:1) 80W with liquid fertilizer in the sprayer or nurse tank.

Check to assure the compatibility of BLADEx/Atrazine (2:1) 80W with the liquid fertilizer prior to mixing in the spray tank. The following jar test is a good indicator of compatibility. Mix proportionate quantities as indicated in a one pint jar. Invert jar ten times. Let stand 1/2 hour. If any separation or agglomeration has occurred, again invert jar ten times. If the mixture resuspends, commercial application is possible.

JAR TEST FOR COMPATIBILITY

Amount of herbicide to use in compatibility test

10 15 20 25 30 35

Level tablespoons of herbicide to be added in one pint of liquid carrier

3 1/2 2 1/2 2 1 1/2 1 1/4 1

PREEMERGENCE, PREPLANT OR PREPLANT INCORPORATED BROADCAST APPLICATION RATES (LBS/ACRE) OF BLADEx/ATRAZINE (2:1) 80W ON CORN

PERCENT ORGANIC MATTER IN SOIL*

Soil Texture	PERCENT ORGANIC MATTER IN SOIL*					
	Less Than 1%	1%	2%	3%	4%	Over 4%
	Lb. Bladex/Atrazine (2:1) 80W					
Sand, Loamy sand	Do not use	1.5	2.0	2.5	3.0	3.5
Sandy loam	1.5	2.0	2.5	3.0	3.5	4.0
Loam, Silt loam, Silt	2.0	2.5	3.0	3.5	4.0	4.5
Sandy clay loam, Clay loam, Silty clay loam	2.5	3.0	3.5	4.0	4.5	5.0
Sandy clay, Silty clay, Clay	3.0	3.5	4.0	4.5	5.0	5.0
Peat and Muck	NOT RECOMMENDED					

*For organic matter content between those listed, adjust the rate proportionately.

Weeds Controlled by BLADEx/Atrazine (2:1) 80W

Grasses

Annual bluegrass	Bullgrass	Goosegrass	Stinkgrass
Annual fescues	Crabgrass	Green foxtail	Witchgrass
Annual (Italian) ryegrass	Fall panicum	Indian lovegrass	Yellow foxtail
Barnyardgrass	Giant foxtail	Junglerice	

Broadleaves

Annual groundcherry	Common mallow	Lambsquarters	Smallflower galinsoga
Annual morningglory	Common purslane	Mayweed	Smartweed (Pennsylvania)
Annual sedge	Corn spurry	Pigweed	Spinysida
Black mustard	Curly dock (seeding)	Pineappleweed	Sunflower
Buffalobur	Floras paintbrush	Plantain	Tarweed
Buttercup (annual)	Florida pusley	Poorjoe	Velvetleaf
Carpetweed	Hedge mustard	Prostrate knotweed	Wild buckwheat
Cocklebur	Jimsonweed	Prostrate spurge	Wild mustard
Common chickweed	Kochia	Ragweed	Wild radish
Common groundsel	Ladysthumb	Shepherdspurse	Wild turnip

NOTE TO BUYER:

Purchase of this material does not confer any rights under patents of countries outside of the United States.

NOTICE OF WARRANTY:

Du Pont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Du Pont. In no case shall Du Pont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.