

BUCTRIL atrazine HERBICIDE

Postemergent herbicide for control of
certain broadleaf weeds in corn and
sorghum.

**DIRECTIONS FOR USE
ARE INSIDE BOOKLET**

EPA Reg. No. 283-757-01 EPA Est. No. 284-MO-02

For **PRODUCT USE**

Information Call 1-800-334-8745.

For **EMERGENCY**

Information **ONLY**

Call 24 Hours A Day 1-800-334-7577.

Manufactured by

RHÔNE-POULENC INC.

AGROCHEMICAL DIVISION

P.O. Box 12074, B.T.N. Alexander Drive
Research Triangle Park, N.C. 27709

BUCTRIL is a registered trademark of
RHÔNE-POULENC.

RP-2100-208-38

BUCTRIL

ACTIVE INGREDIENTS:

Octanoic acid ester of bromoxynil*
(3,5-dibromo-4-hydroxybenzotrile) 15.74%
Atrazine**
(2-chloro-4-ethylamino-6-isopropylamino-S triazine) 21.62%

INERT INGREDIENTS: 62.64%

* Product contains Bromoxynil octanoate equivalent to 10.81% of bromoxynil or 1.0 pounds of bromoxynil per gallon

** Product contains 2.0 pounds of atrazine per gallon

SHAKE WELL BEFORE USING†

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

2

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Get medical attention. Do not induce vomiting. Contains petroleum distillates. Do not give anything by mouth to an unconscious person.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to wildlife and fish. Use with care when applying to areas frequented by wildlife or adjacent to any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from target areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

ACCEPTED

Use for the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide registered under EPA Reg. No. 3

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.

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.

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 and given in a language customarily understood by the workers.

Oral and written warnings must include the STATEMENT OF PRACTICAL TREATMENT and REENTRY STATEMENTS as they appear on the label.

GENERAL INFORMATION

BUCTRIL* + Atrazine is a selective post-emergence product for control of important broadleaf weeds infesting field corn, popcorn and grain sorghum grown for grain. It is used on a wide range of conventional, minimum tillage, strip tillage or no till systems. The recommended rates of BUCTRIL* + Atrazine pre-mix flowable herbicide are 1, 2, and 3 pints/A. Each pint of BUCTRIL* + Atrazine contains the equivalent of 1/2 pint of BUCTRIL* herbicide and 1/4 pound of atrazine.

BUCTRIL* + Atrazine controls weeds primarily by contact action; therefore, thorough coverage of the weeds is essential for optimum control. Weeds should be actively growing and not stressed from lack of moisture or low temperatures before and at time of application. BUCTRIL* + Atrazine also provides some residual control of germinating seedlings. When environmental conditions are quite cool and cloudy or very hot and humid, some leaf burn may occur on the corn or grain sorghum. The crop rapidly outgrows this condition and new growth is unaffected. To ensure maximum crop safety and weed control, follow all cautions and limitations on this label.

MIXING INSTRUCTIONS

Fill the spray tank 1/2 to 3/4 full with clean water. Begin agitation and add the recommended amount of BUCTRIL* + Atrazine. Add water to the spray tank to the desired level. Maintain sufficient agitation to ensure a uniform spray mixture during application. If spray mixture is allowed to remain without agitation for even a short period, it may be necessary to agitate until uniformly mixed before application.

APPLICATION PROCEDURES

GROUND APPLICATION

Use a standard herbicide sprayer that provides uniform and adequate application. Sprayer should be equipped with nozzles to provide uniform coverage of the weeds. Use a spray volume of 1.0 to 2.0 gallons per acre with a maximum spray pressure of 30 psi. If using a 20-gallon sprayer, use a spray volume of 20 to 40 gallons per acre. The spray volume and spray pressure will be helpful to ensure uniform coverage of the weeds. When weed infestation is heavy, use of a higher spray volume and spray pressure will be helpful to ensure uniform coverage. When corn is large enough to interfere with the spray pattern, spot treatments should be used to ensure uniform coverage of the weeds.

AERIAL APPLICATION

Use a minimum of 5 gallons of spray volume per acre using diaphragm type nozzles that provide a fan spray pattern with a maximum spray pressure of 40 psi and a 200 psi nozzle. Nozzles should be angled to obtain a 14-15 degree fan spray pattern. The distance between nozzles should be 15-20 feet and the angle between the draw and straight back.

The aircraft should discharge the spray a minimum of 10 feet above the crop. To minimize drift, do not apply during periods of gusty winds or when wind exceeds 5 mph.

AUTOMATED SPRINKLER IRRIGATION SYSTEMS

BUCTRILL™ & **ATRAZINE** can be applied through overhead sprinkler irrigation systems for field and pre-plant applications.

Apply **BUCTRILL** & **ATRAZINE** through sprinkler irrigation systems using the same procedures and spray volume as for ground application. Do not apply the product through any other type of irrigation system.

Specific Requirements For Application Through Automated Sprinkler Irrigation Systems

1. The system must contain a float valve check water valves and a low pressure shut-off device to prevent the irrigation pipes from being lowered below contact with water from the draw.
2. The pesticide must be applied through a container that has a float valve and a low pressure shut-off device to prevent the float valve from being lowered below the water level.
3. The pesticide must be applied through a container that has a float valve and a low pressure shut-off device to prevent the float valve from being lowered below the water level. The container must be able to hold the pesticide for the entire duration of the irrigation cycle and must be able to draw water from the supply tank when the float valve is either automatically or manually shut down.
4. The system must contain a float valve check water valves and a low pressure shut-off device to prevent the irrigation pipes from being lowered below contact with water from the draw.

5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.
8. Agitation is recommended in the pesticide supply tank when applying the BUCTRIL® + ATRAZINE.
9. BUCTRIL® + ATRAZINE should be applied continuously for the duration of the water application with center pivot and continuous lateral move systems. Application of BUCTRIL® + ATRAZINE should be made during the last 30-45 minutes of irrigation set with other overhead sprinkler systems.
10. For best performance, set the sprinkler system to deliver approximately 0.5 inch rate of water per acre.
11. Remove scale, pesticide residues, and other foreign matter from the supply tank and entire injection system. Flush with clean water.

12. If BUCTRIL® + ATRAZINE is diluted in the supply tank, fill the tank with half of the water amount desired, add the BUCTRIL® + ATRAZINE, and then add remaining water amount with agitation.
13. Start the sprinklers and then inject BUCTRIL® + ATRAZINE into the irrigation line. BUCTRIL® + ATRAZINE should be injected with a positive displacement pump into the main line at least 18 feet ahead of a right angle turn to insure adequate mixing. Refer to the BUCTRIL® + ATRAZINE label for detailed information on application rates and timings.

CHEMIGATION USER PRECAUTIONS

Application of more than 0.5 inch/acre of irrigation water may result in decreased product performance on certain soils.

Do not apply when conditions favor drift when system connections or fittings leak, or when nozzles do not provide uniform distribution.

Allow sufficient time for pesticide to be flushed through all the lines and nozzles before turning off irrigation water.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

Do not connect irrigation system used for pesticide application to a public water system.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.

**FIELD CORN AND POPCORN (Ground and Aerial Applications)
BUCTRIL - ATRAZINE RECOMMENDATIONS**

PRODUCT	RATE	TIMING OF APPLICATION CROP	WEED
BUCTRIL	1.0 to 1.5 lb/acre	Apply to corn between the 4th and 8th leaf stage. Do not apply to corn after the 8th leaf stage. Do not apply to corn after the 8th leaf stage.	Control of weeds such as barnyard grass, crabgrass, and other broadleaf weeds.
ATRAZINE	1.0 to 1.5 lb/acre	Apply to corn between the 4th and 8th leaf stage. Do not apply to corn after the 8th leaf stage. Do not apply to corn after the 8th leaf stage.	Control of weeds such as barnyard grass, crabgrass, and other broadleaf weeds.

**GRAIN SORGHUM (Ground and Aerial Applications)
BUCTRIL - ATRAZINE RECOMMENDATIONS**

PRODUCT	RATE	TIMING OF APPLICATION CROP	WEED
BUCTRIL	1.0 to 1.5 lb/acre	Apply to grain sorghum between the 4th and 8th leaf stage. Do not apply to grain sorghum after the 8th leaf stage. Do not apply to grain sorghum after the 8th leaf stage.	Control of weeds such as barnyard grass, crabgrass, and other broadleaf weeds.
ATRAZINE	1.0 to 1.5 lb/acre	Apply to grain sorghum between the 4th and 8th leaf stage. Do not apply to grain sorghum after the 8th leaf stage. Do not apply to grain sorghum after the 8th leaf stage.	Control of weeds such as barnyard grass, crabgrass, and other broadleaf weeds.

RESTRICTIONS AND LIMITATIONS

Postemergence applications of BUCTRIL™ + ATRAZINE will not adequately control grasses. Therefore, it is recommended that a suitable grass control program be used to provide any required grass control.

Do not add a spray additive or mix with liquid fertilizers because excessive crop injury may occur.

Do not apply BUCTRIL™ + ATRAZINE if heavy rainfall is expected within 1 hour of application.

Seed corn producers should consult the respective seed corn company regarding tolerance of seed production inbred lines to BUCTRIL™ + ATRAZINE.

Do not cut crop for feed or graze within 30 days after application.

A second application of BUCTRIL™ + ATRAZINE may be applied if a new flush of weeds occurs following the first application. The total cumulative rate should not exceed 5 pints A per season.

Do not use BUCTRIL™ + ATRAZINE in any crop other than stated on this label.

Application to grain sorghum growing under stress caused by *nitrogen* element deficiency or to grain sorghum growing on highly calcareous soil may result in crop injury.

CROP ROTATION (Field corn, popcorn and grain sorghum)

Do not rotate to any crop except field corn, popcorn or grain sorghum until the following year. Injury to the rotated crop may occur.

Crop Rotation (continued)

BUCTRIL™ + ATRAZINE is applied after mid-June, do not rotate with crops other than field corn, popcorn or grain sorghum the next year. Injury to the rotated crop may occur. In the High Plains and intermountain areas of the West where rainfall is sparse and erratic or where irrigation is required, use only when field corn, popcorn or grain sorghum is grown the following year or when a crop of untreated field corn, popcorn or grain sorghum is to precede other rotational crops.

Following harvest of grain sorghum, plow (moldboard or disk plow) and thoroughly till soil in fall or spring to minimize crop injury to spring-seeded rotational crops.

Injury may occur to soybeans planted the year following application on soils having a calcareous surface layer.

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

STORAGE AND DISPOSAL

STORAGE

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

Do not store near fertilizers or seeds. Store at temperatures above 32° F. If exposed to freezing temperatures, store at temperatures above 55° F for 24 hours or until completely thawed. **SHAKE WELL BEFORE USING.**

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 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.

CONDITIONS OF SALE, WARRANTY, LIMITATION OF LIABILITY

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 directions under normal use conditions. Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of Rhône-Poulenc or the seller. Buyer assumes all risks of use, storage, or handling of this material, not in strict accordance with directions given herewith. In no case shall Rhône-Poulenc or the seller be liable for consequential, special, or indirect damages such as loss of profits or values resulting from the use or handling of this product.