

PRODUCT NUMBER
2074

BUCTRIL HERBICIDE **atrazine**

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

ACTIVE INGREDIENT

Octanoic acid ester of bromoxynil*

(3,5-dibromo-4-hydroxybenzonitrile) 15.74%

Atrazine**

(2-chloro-4-ethylamino-6-isopropylamino-S-triazine) 21.62%

INERT INGREDIENTS 62.64%

*This product contains Bromoxynil octanoate equivalent to 10.81% of bromoxynil or 1.0 pound of

bromoxynil per gallon.

**This product contains 2.0 pounds of atrazine per gallon.

Shake Well Before Using

KEEP OUT OF REACH OF CHILDREN

CAUTION

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.

See side Panel for Additional Precautionary Statements

EPA Reg. No. 359-719

EPA Est. No.

1285

NET CONTENTS

GALLONS

LITERS

Manufactured by

RHÔNE-POULENC INC.

AGROCHEMICAL DIVISION

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye irritation. 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.

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.

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 to 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 Statement as they appear on the label.

STORAGE AND DISPOSAL

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

STORAGE:

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.

GENERAL INFORMATION

Buctril + Atrazine is a selective postemergence product for control of important broadleaf weeds infesting field corn, popcorn and grain sorghum grown for grains, seed or silage under conventional, minimum tillage, ridge tillage or no-till systems. The recommended rates of Buctril + Atrazine premix flowable herbicide are 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 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 $\frac{1}{2}$ to $\frac{3}{4}$ 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 of time, be sure to agitate until uniformly mixed before application.

APPLICATION PROCEDURES

GROUND APPLICATIONS

Use a standard herbicide boom sprayer that provides uniform and accurate application. Sprayer should be equipped with screens no finer than 50 mesh in the nozzle tips and in line strainers. Use flat fan nozzles spaced a maximum of 20 inches apart and a minimum of 10 gallons of spray volume per acre with a minimum spray pressure of 30 psi at the nozzle tips. Other nozzle types may not provide adequate coverage of the weeds to ensure optimum control. When weed infestations are 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, drop nozzles should be used to obtain uniform coverage of the weeds.

AERIAL APPLICATION

Use an aircraft that can provide spray volume per acre using flat fan type nozzles that produce a narrow fan spray pattern with a minimum spray pressure of 40 psi at the nozzle tips. Nozzles should be located no farther than $\frac{1}{4}$ distance from the center of the aircraft to the end of the wing or rotor. Nozzles should be oriented at an angle between straight down and straight back.

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

BUCTRIL + ATRAZINE RECOMMENDATIONS

Buctril + Atrazine is applied in rates of Buctril + Atrazine at 1 $\frac{1}{2}$, 2 and 3 pints/A can be applied to field corn, grain sorghum and grain milo growing in the following directions. Refer to APPLICATION RATE TABLE for weeds controlled.

APPLICATION RATE TABLE FOR CORN AND GRAIN SORGHUM

WEED SPECIES		BUCTRIL + ATRAZINE RATE					
		1 $\frac{1}{2}$ PINTS/A		2 PINTS/A		3 PINTS/A	
		MAXIMUM LEAF STAGE	MAXIMUM WEED HEIGHT (INCHES)	MAXIMUM LEAF STAGE	MAXIMUM WEED HEIGHT (INCHES)	MAXIMUM LEAF STAGE	MAXIMUM WEED HEIGHT (INCHES)
Black Nightshade	Solanum nigrum	4	4	6	6	6	6
Buffalobur	Solanum rostratum	4	4	6	4	6	4
Common Cocklebur	Xanthium pensylvanicum	6	8	8	10	10	12
Common Lambsquarters	Chenopodium album		6		10		12
Common Ragweed	Ambrosia artemisiifolia	6	4	8	6	8	6
Eastern Black Nightshade	Solanum ptychanthum	4	4	6	6	6	6
Giant Ragweed	Ambrosia trifida	4	4	6	6	6	6
Hemp Sesbania	Sesbania exaltata	4	4	4	4	4	4
Hybrid Morning glory	Ipomoea hederacea	3	3	4	4	4	4
Jimsonweed	Datura stramonium	4	4	6	6	6	6
Ladysthumb	Polygonum persicaria	4	4	6	6	8	8

APPLICATION RATE TABLE FOR CORN AND GRAIN SORGHUM

WEED SPECIES	When determining leaf stage, count all leaves except cotyledonary leaves	BUCTRIL + ATRAZINE RATE					
		1½ PINTS/A		2 PINTS/A		3 PINTS/A	
		MAXIMUM LEAF STAGE	MAXIMUM WEED HEIGHT (INCHES)	MAXIMUM LEAF STAGE	MAXIMUM WEED HEIGHT (INCHES)	MAXIMUM LEAF STAGE	MAXIMUM WEED HEIGHT (INCHES)
Pennsylvania Smartweed	<i>Polygnum pennsylvanicum</i>	4	4	4	4	4	4
Prickly Sida	<i>Sida sp.</i>	4	4	4	4	4	4
Puncturevine	<i>Tupistra sp.</i>	4	4	4	4	4	4
Redroot Pigweed	<i>Amaranthus retrofractus</i>	4	4	4	4	4	4
Smooth Pigweed	<i>Amaranthus retrofractus</i>	4	4	4	4	4	4
Spiny Pigweed	<i>Amaranthus spinosus</i>	4	4	4	4	4	4
Sunflower	<i>Helianthus annuus</i>	4	4	4	4	4	4
Tall Morning glory	<i>Ipomoea sp.</i>	4	4	4	4	4	4
Tan Waterhemp	<i>Amaranthus hybridus</i>	4	4	4	4	4	4
Velvetleaf	<i>Amaranthus sp.</i>	4	4	4	4	4	4
Veronica	<i>Veronica sp.</i>	4	4	4	4	4	4
Wild Buckwheat	<i>Eriogonum sp.</i>	4	4	4	4	4	4
Wild Mustard	<i>Brassica sp.</i>	4	4	4	4	4	4

WEEDS SUPPRESSED

Canada Thistle	<i>Cirsium arvense</i>	NOT RECOMMENDED
BUCTRIL + ATRAZINE applied to the ground by burning or aerial application		
Redroot Pigweed	<i>Amaranthus retrofractus</i>	

FIELD CORN AND POPCORN

(Ground and Aerial Applications)

BUCTRIL + ATRAZINE RECOMMENDATIONS

PRODUCT	RATE	TIMING OF APPLICATION	
		CROP	WEED
BUCTRIL + ATRAZINE	1½ PINTS/A	Apply from the 4-leaf stage to the 8-leaf stage. Corn has 1½ inches tall. Make up to 2 applications per season.	See APPLICATION RATE TABLE for leaf stage and height. Apply from the 4-leaf stage to the 8-leaf stage. Atrazine at 1½ PINTS/A.
	2 PINTS/A	Apply from the 4-leaf stage to the 8-leaf stage. Corn has 1½ inches tall. Make up to 2 applications per season.	See APPLICATION RATE TABLE for leaf stage and height. Apply from the 4-leaf stage to the 8-leaf stage. Atrazine at 2 PINTS/A.
	3 PINTS/A	Apply from the 4-leaf stage to the 8-leaf stage. Corn has 1½ inches tall. Make up to 2 applications per season.	See APPLICATION RATE TABLE for leaf stage and height. Apply from the 4-leaf stage to the 8-leaf stage. Atrazine at 3 PINTS/A.

GRAIN SORGHUM (Ground and Aerial Applications)

BUCTRIL + ATRAZINE RECOMMENDATIONS

PRODUCT	RATE	TIMING OF APPLICATION	
		CROP	WEED
Buctril + Atrazine	1 1/2 Pints/A	Apply to grain sorghum from the 2 leaf stage to the 16 leaf stage, not to exceed 16 inches in height. Make up to 2 applications per season.	See APPLICATION RATE TABLE for list of weeds and corresponding maximum stage of growth that are controlled by Buctril + Atrazine at 1 1/2 pints/A.
	2 Pints/A	Apply to grain sorghum from the 3 leaf stage to the 16 leaf stage, not to exceed 16 inches in height. Make up to 2 applications per season.	See APPLICATION RATE TABLE for list of weeds and corresponding maximum stage of growth that are controlled by Buctril + Atrazine at 2 pints/A.
	4 Pints/A	Apply to grain sorghum from the 4 leaf stage to the 16 leaf stage, not to exceed 16 inches in height. Make up to 2 applications per season.	See APPLICATION RATE TABLE for list of weeds and corresponding maximum stage of growth that are controlled by Buctril + Atrazine at 4 pints/A.

RESTRICTIONS AND LIMITATIONS

Do not apply Buctril + Atrazine to grain sorghum growing in areas where it is prohibited by law. Do not apply Buctril + Atrazine to grain sorghum growing in areas where it is prohibited by law.

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CROP ROTATION (Field corn, popcorn and grain sorghum)

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CONDITIONS OF SALE, WARRANTY, LIMITATION OF LIABILITY

This product conforms to the requirements of the applicable standards for safety, health, and the environment, as stated in the literature. When used in accordance with the instructions, the product is safe. The manufacturer is not responsible for any damage or injury caused by the use of the product in a manner not intended by the manufacturer. The manufacturer is not responsible for any damage or injury caused by the use of the product in a manner not intended by the manufacturer. The manufacturer is not responsible for any damage or injury caused by the use of the product in a manner not intended by the manufacturer.

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