# 2023 LATMC Update Sugarcane

Scott Rushing UPL Technical Service

Dale Denais UPL Technical Sales





















### MOCCASIN® Herbicide

(EPA Reg. No. 70506-323) FOR USE ON SUGARCANE

#### CAUTION DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This supplemental label expires July 27, 2024 and must not be used or distributed after this date.

Read the label affixed to the container for MOCCASIN before applying. Use of MOCCASIN according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for MOCCASIN. This supplemental label and the EPA approved label must be in the possession of the user at the time of pesticide application.

Apply MOCCASIN Herbicide as a pre-plant, pre-emergence, or post-emergence treatment for weed control in sugarcane. It may also be used in a treatment program that includes a pre-plant/pre-emergence application followed by a post-emergence/post-directed application.

#### Restrictions:

DO NOT apply more than 1.63 gt/A (3.26 lbs ai) of MOCCASIN Herbicide per year.

DO NOT apply more than 1.17 qt/A (2.34 lbs ai) of MOCCASIN Herbicide as a preplant or preemergence application per year.

DO NOT apply more than 0.94 qt/A (1.88 lbs ai) of MOCCASIN Herbicide as a postemergence application per year.

DO NOT apply more than 0.47 qt/A (0.94 lbs ai) of MOCCASIN Herbicide as a postemergence application if a preplant or preemergence application was made.

DO NOT make more than two applications per year.

DO NOT make applications less than 14 days apart.

DO NOT apply to sugarcane that is taller than 60 inches.

DO NOT make a postemergence application within 100 days of harvest.

DO NOT exceed the total combined maximum annual sugarcane rates for s-metolachlor container products (3.34 lb s-metolachlor ai/A).

Apply MOCCASIN Herbicide at a rate of 0.85 – 1.17 qt/A before planting, pre-emergence after new plantings, or after harvest, but before re-emergence of ratoon-cane. Use the higher rate on heavier soils and soils with higher organic matter content.

#### Postemergence Applications

MOCCASIN will not control emerged weeds so apply only to a weed-free soil surface or in tank mixture with products that provide postemergence control of weeds present at the time of application. Apply MOCCASIN Herbicide at 0.47 – 0.94 qt/A post-emergence before the sugarcane reaches 60 inches in height. Post-emergence applications may be made as broadcast post-over-the-top or as post-directed spray to soil between the rows and the base of the sugarcane.

If a pre-emergence application was made earlier in the season (not to exceed 1.17 qt/A), only 0.47 qt/A may be applied post-emergence. The total amount of MOCCASIN Herbicide applied (pre-emergence + post-emergence) may not exceed 1.63 qt/A/year.





- Active ingredients: Pendimethalin + Metribuzin
- 4 lb active ingredients per gallon
  - 2.9 lbs pendimethalin per gallon
  - 1.1 lbs metribuzin per gallon
- REI: 24 hours
- Signal word: Caution

Pendimethalin: I				
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Pendimethalin: I Metribuzin: 4-Ar OTHER INGRED TOTAL:	i-i-information         25           i-i-information         25           i-information         12           information         12			
Pendimethalin: 1 Metribuzin: 4-Ar OTHER INGRED TOTAL: Contains 2.9 lbs a If on skin or	i-i-information         25           i-i-information         25           i-i-information         11           INT         35           information         11           INT         35           information         11           INT         35           information         11           INT         35           INT         36			



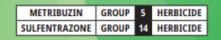




# Patented "ZC" Formulation

- **ZC** is a mixed formulation of CS and SC.
- Chemically stable water-based formulation
- Good miscibility in water.
- Ease of handling and measuring
- Minimal staining of the containers, application equipment and surfaces.
- Stable aqueous suspension of microcapsules and solid fine particles.
- Homogeneous A.I. evenly spread throughout formulation.
- Solvent free, non-flammable.





# PREVIEW<sup>™</sup> 2.1 SC HERBICIDE

## For Use on Asparagus, Field Corn (Fall Application Only) Potato, Soybeans, Sugarcane, and Tomato (Transplants Only)

Active Ingredients: Metribuzin*	By Wt. 24.0%
Sulfentrazone**	12.0%
Other Ingredients:	64.0%
Total:	

PREVIEW<sup>™</sup> 2.1 SC Herbicide contains 3.35 pounds active ingredient per gallon: 2.23 pounds metribuzin, and 1.12 pounds sulfentrazone

\*4-amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one

\*\*N-[2,4 dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]phenyl]methanesulfonamide

#### EPA Reg. No. 70506-394

### KEEP OUT OF REACH OF CHILDREN CAUTION

<b>FIRST AID</b>				
If swallowed:	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>			
If on skin or clothing:	Take off contaminated clothing.     Rinse skin immediately with plenty of water for 15 - 20 minutes.     Call a poison control center or doctor for further treatment advice.			
If inhaled:	Move person to fresh air.     If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible     Call a poison control center or doctor for further treatment advice.			
If in eyes:	Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.     Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.     Call a poison control center or doctor for further treatment advice.			
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency medical				

assistance, contact Rocky Mountain Poison and Drug Safety at 1-866-673-6671.

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident, call CHEMTREC at 1-800-424-9300. See front panel of container for First Aid Instructions and Booklet for complete Precautionary Statements and Directions for Use.

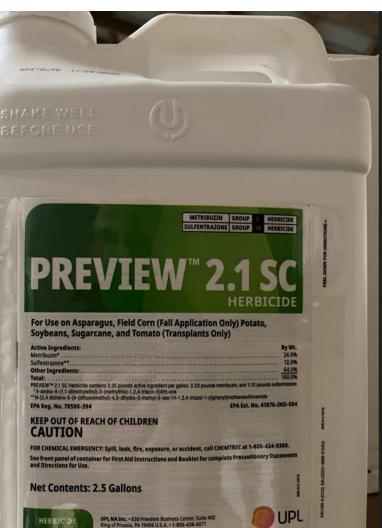
### Net Contents: \_\_\_\_\_

Gallons



UPL NA Inc. • 630 Freedom Business Center, Suite 402 King of Prussia, PA 19406 U.S.A. • 1-800-438-6071





## WEEDS HAVE NO FUTURE WITH PREVIEW<sup>™</sup> 2.1 SC HERBICIDE

### **CROP: SUGARCANE**

### **FEATURES AND BENEFITS:**

- Class leading liquid flowable suspension concentrate (SC) containing 2.1 ratio of metribuzin (2.23 lb ai/gal metribuzin) plus sulfentrazone at (1.12 lb ai/gal)
- Ease of handling (one container with multiple actives)
- Excellent tank mixing characteristics and compatibilities.
- Dual Modes of Action –PS II and PPO
- Excellent control of morningglory, nightshades and sedges (annual, yellow and purple)
- Outstanding crop safety
- Flexible application timing

USE RATE TABLE FOR SUGARCANE					
Fluid ounces/	Broadcast Rate – Fl. Oz per Acre				
Acre*	Acre* % Organic Matter				
Soil Texture**	1.0 - 2.0%	2.0-4.0%			
Coarse	21 - 26	26 - 33			
Medium	26 - 33	33 - 39			
Fine	33 - 39	39 - 42			
*Within the ranges indicated, use the higher rates for soils of pH less than 7.0. Use the lower rates for pH greater than 7.0. **Refer to label concerning soil types under the SOIL CLASSIFICATION CHART.					

### Preview 2.1 SC at 42 fl ounces provides 0.74 lb ai per acre metribuzin +

0.37 lb ai per acre sulfentrazone.



PREVIEW<sup>®</sup> 2.1 SC

# PREVIEW " 2.1 SC

## **BROADLEAF WEEDS CONTROLLED**

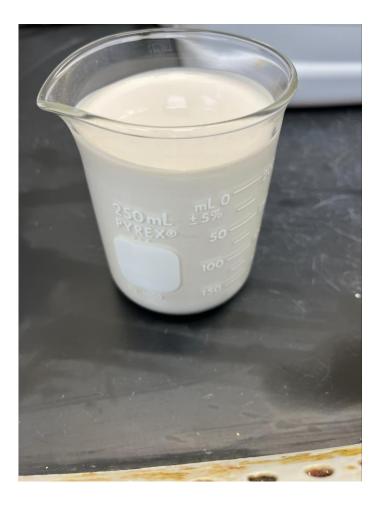
Palmer Amaranth Spiny Amaranth Spurred Anoda Florida Beggarweed Carpetweed Hophornbeam Copperleaf Tropic Croton American Daisy Hairy Galinsoga Clammy Ground Cherry Cutleaf Ground Cherry Jimsonweed Kochia Lady's Thumb Common Lambsquarters Entireleaf Morning Glory Ivyleaf Morning Glory Palmleaf Morning Glory Purple Morning Glory Red Morning Glory Smallflower Morning Glory Tall Morning Glory Eastern Black Nightshade Hairy Nightshade Silverleaf Nightshade Redroot Pigweed Smooth Pigweed Poorjoe Common Purslane Coffee Senna Prickly Sida Pennsylvania Smartweed Smell Melon Spotted Spurge Bristly Starbur Velvetleaf Common Waterhemp Tall Waterhemp



PREVIEW 2.1SC

# PREVIEW 2.1 SC







# Popular Tankmix Options:



+ 0.75 lb ai/A metribuzin



+ 1.88 lb ai/A S-metolachlor









## The SOUTHERN CROP

NO LIMITS. NO BORDERS.



DpenAc

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