

HARMFUL
KEEP OUT OF REACH OF CHILDREN
ECOTOXIC

Authority^{SC}

Pre-emergence Herbicide for use against certain broadleaved and grass weeds in Pumpkin, Buttercup Squash and Potatoes.

Read the Label Carefully before use

Active Ingredient:
480g/ litre sulfentrazone in the form of a suspension concentrate.

HERBICIDE



NET CONTENTS:
1 litre

FMC

Registrant:
Elliott Technologies Limited
PO Box 838, Pukekohe, New Zealand.
Phone: 0800 100 325 www.elliott-technologies.co.nz



WARNING: KEEP OUT OF REACH OF CHILDREN. ECOTOXIC

HSNO Class: 6.1E, 6.8B, 6.9B, 9.1A, 9.2A

ENVIRONMENTAL WARNING: VERY TOXIC TO FISH with long-lasting effects. Avoid contamination of any water supply with product or empty container. **VERY TOXIC IN THE SOIL ENVIRONMENT.** Very toxic to some plant species – selective herbicide.

HEALTH WARNING: HARMFUL - it may be harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with eyes. May cause reproductive/developmental damage from repeated oral exposure. Presumed to cause organ damage from repeated oral exposure at high doses.

PRODUCT DISPOSAL: Ensure unwanted product is used by another operator strictly in accordance with label directions.

CONTAINER DISPOSAL: Triple rinse container and add residue to spray tank. Recycle through the Agrecovery Scheme. If this is not possible, burn if permitted and circumstances, especially wind direction permit, otherwise bury in landfill.

SPILLAGE: Wear appropriate protective clothing. Absorb spills in earth or sand and sweep up. Dispose of waste material at an approved landfill. Prevent liquid from entering sewers or bodies of water.

CLEANING: Flush spray equipment thoroughly with clean water after use.

HANDLING PRECAUTIONS: Keep out of reach of children

Avoid skin and eye contact. Avoid breathing dust or spray mist. When mixing or applying, wear protective clothing, gloves and goggles. Do not eat drink or smoke while using. Wash hands and face before meals and after work. Wash protective clothing after work. Flush spray equipment thoroughly with clean water after use.

STORAGE: Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from feed, seeds and foodstuffs. This product is classified under HSNQ and 9.1A, and storage of certain quantities may require bunding and signage. See the HAZNOTE for further information.

When stored appropriately this product should show no significant degradation for 2 years from date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

Recommend minimum storage temperature of 4°C to avoid freezing. The maximum storage temperature should not exceed 35°C.

FIRST AID: If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre **0800 POISON (0800 764 766)** or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

PRODUCT INFORMATION:

Authority SC controls a range of problem weeds in Potatoes, Pumpkin and Squash. **Authority SC** is a pre-emergence herbicide which is taken up through plant roots as they emerge through treated soil. **Authority SC** may also be taken up through the foliage of plants which are present at the time of treatment.

Weed control occurs as a result of membrane disruption. Weeds will emerge and then turn necrotic soon after exposure to light. Use the lowest rate recommended under wet, cold conditions as crop selectivity can be affected if crop growth is slowed by weather.

Authority SC may be tank mixed with other herbicides that are registered for use in these crops (e.g. **Frontier** in Pumpkin and Squash and **Magister CS** in Potatoes, Pumpkin and Squash) to broaden the range of weeds controlled. When using mixtures, observe all label recommendations for both products.

24 Hour Emergency Response

0800 CHEM CALL

0800 236 2255

Registered pursuant to ACVM Act 1997, No.P7852
HSNO Approval Code HSR 07060

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®1, - Trademark of FMC Corporation, USA

®2- Registered Trademark of BASF AG, Germany
Roundup™ - Registered Trademark of Nufarm

Site™ - Trade Mark of Loveland Industries, Inc., USA

EL231



BWARE: APPLY THIS PRODUCT CAREFULLY. SPRAY DRIFT MAY CAUSE SERIOUS DAMAGE TO OTHER DESIRABLE PLANTS.

SUSCEPTIBLE WEEDS	MODERATELY SUSCEPTIBLE	RESISTANT
Amaranthus	Barnyard grass	Dandelion
Buttercup	Crabgrass	Most Perennials
Black Nightshade	Crowsfoot grass	
Fat Hen	Sea Radish	
Narrow-leaved Plantain	Redroot	
Purple Nutsedge*	Wild carrot	
Seedling Dock	Yellow Nutsedge *	
Wire weed		
Willow weed		

* Repeat treatment in subsequent seasons crops required for sustained control.

FOLLOW ON CROP GUIDELINES

Follow on Crop recommendations. Authority SC may persist in soil for more than 10 months and affect the germination and vigour of following crops. It is recommended that a small area is sown as a test area prior to commercial planting of any follow on crop. The following guide reflects the best information available for crop selectivity.

Re-cropping interval (Months) after application				
12 Months		Other crops		
Barley	Lentils	Rock Melons	Maize	18 months
Capsicums	Lupins	Ryecom	Sweet Corn	18 months
Carrots	Navy Beans	Squash	Beets	24 months
Cereals	Oats	Triticale	Brassicas	24 months
Chick Peas	Onions	Water Melons	All other crops	24 months
Faba Beans	Potatoes	Wheat		
Field Peas	Processing Peas	Zucchini		
Green Beans	Pumpkin			

DIRECTIONS FOR USE:

Mixing: Fill spray tank to 1/3 full and with agitation running, add chemicals to tank in the following order:

- (1) Site™ drift retardant. (Must be added first if used)
- (2) Wettable powders and dispersible granules.
- (3) Suspension concentrates or flowables (**Authority SC**), (4) Continue to fill tank to ½ full.
- (5) Add emulsifiable concentrates. (6) Complete filling of spray tank while maintaining agitation.

RECOMMENDATIONS: Apply with calibrated ground spraying equipment (not air assisted) before both weeds and crop have emerged to a dry soil in sufficient water to obtain even coverage. A contact herbicide (e.g. **Roundup™**) may be tank mixed to control emerged weeds.

PUMPKINS AND BUTTERCUP SQUASH: Apply **Authority SC** at 300 – 470 ml/hectare. Use the lower rate during periods of cool, moist conditions and the higher rate under warm dry conditions. Tank mixtures with **Frontier** or **Magister CS** should be used where a broad spectrum of weeds is expected.

Potatoes: Apply 300 – 470 ml/ hectare after final ridging. Use sufficient water to obtain even coverage of the soil surface. Tank mixtures (e.g. with **Magister CS**) should be used where a broad spectrum of weeds are expected.

EXCLUSION OF LIABILITY: PLEASE READ

To the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Elliott Technologies Limited as distributor, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods. See www.nzfsa.govt.nz/acvm/ for registration conditions.

Batch No.:

DOM

UN number: 3082 Class 9
Proper shipping name :
ENVIRONMENTALLY HAZARDOUS LIQUID N.O.S
(Contains 48% sulfentrazone)



160mm

320mm

● Black ● Pms 342 ● Pms 485 ● Dieline (do not print)