

Product Name: OUTSHINE HERBICIDE
APVMA Approval No: 84528/133587



Label Name:	QUALI-PRO CREST HERBICIDE
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENTS : 100 g/L FLUROXYPYR present as the METHYLHEPTYL ESTER 2.5 g/L FLORASULAM SOLVENT : 321.1 g/L LIQUID HYDROCARBON
Mode of Action:	GROUP 2 4 HERBICIDE
Statement of Claims:	Situation : Turf Controls/Suppresses : Broadleaf weeds as specified in the Directions for Use
Net Contents:	5-1000L
Restraints:	This section contains file attachment.
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	GRAZING WITHHOLDING PERIOD

DO NOT FEED LAWN CLIPPINGS FROM TREATED TURF TO LIVESTOCK

Trade Advice:	
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General Instructions:	This section contains file attachment.
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Resistance Warning:	<p>RESISTANT WEEDS WARNING GROUP 2 and 4 HERBICIDE</p> <p>QUALI-PRO CREST contains members of the pyridine and triazolopyrimidine sulfonanilide group of herbicides. The product has the disrupters of cell growth and acetolactate synthase (ALS) inhibitor modes-of-action. For herbicide resistance management, QUALI-PRO CREST is a Group 2 + Group 4 herbicide. Some naturally occurring weed biotypes resistant to the product and other Group 2 and/or Group 4 herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by this product or other Group 2 or Group 4 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, ADAMA accepts no liability for any losses that may result from the failure of the product to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant or local Department of Agriculture.</p>
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Precautions:	<p>RE-ENTRY</p> <p>Do not allow entry into treated areas until the spray has dried.</p>
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Protections:	<p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS</p> <p>DO NOT apply if there are aquatic or wetland areas including aquacultural ponds downwind from the application area and within the mandatory no-spray zones shown in the MANDATORY NO-SPRAY ZONES restraints.</p> <p>DO NOT apply under weather conditions or from spraying equipment that may cause spray drift onto nearby susceptible plants/crops, cropping lands or pastures. Avoid spray drift onto susceptible crops such as cotton, tobacco, tomatoes, vines, fruit trees, vegetables, legume crops and pastures, oilseed crops and susceptible trees (e.g. Kurrajongs, Belahs, Eucalyptus).</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</p> <p>Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.</p>
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Storage and Disposal:	<p>STORAGE AND DISPOSAL</p> <p>Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. DO NOT dispose of undiluted chemical on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.</p> <p>For refillable containers: Empty contents fully into application equipment. Close all valves</p>
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	and return to point of supply for refill or storage.
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Safety Directions:	Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing the spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and a face-shield or goggles. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use wash gloves, face-shield or goggles and contaminated clothing.
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First Aid Instructions:	If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. If swallowed, do NOT induce vomiting.
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First Aid Warnings:	
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GENERAL INSTRUCTIONS

MIXING

Quali-Pro CREST Herbicide is a suspo-emulsion formulation which may show some separation on storage. Roll, shake or invert the container several times to ensure that Quali-Pro CREST has completely resuspended before measuring to mix.

APPLICATION

Apply Quali-Pro CREST Herbicide using coarse to very coarse spray droplet size category. Only apply Quali-Pro CREST using an accurately calibrated spray rig. Apply in sufficient volume to ensure thorough coverage.

COMPATIBILITY

Quali-Pro CREST Herbicide is compatible with the following:

Broadleaf Herbicides: Cutlass® 500, Bronco® MA-X, Bronco® 200, Bronco® 400.

Adjuvants: Always use a non-ionic surfactant at the recommended label rates.

CLEANING SPRAY EQUIPMENT

After using Quali-Pro CREST Herbicide, empty the tank completely and drain the whole system. Thoroughly wash inside the tank using a pressure hose, drain the tank and clean any tank, pump, line and nozzle filters.

Partial Cleaning (Rinse only) – before using rig to spray barley, triticale and wheat):

After cleaning the tank as above, quarter fill the tank with clean water and circulate through the pump, line, hoses and nozzles. Drain and repeat procedure twice.

Complete Cleaning (Decontamination) – before using rig to spray crops that are susceptible to Quali-Pro CREST Herbicide):

- After cleaning the tank as above, quarter fill the tank with clean water and add a liquid alkali detergent at 500 mL/100 L water and circulate throughout the system for at least fifteen minutes. Note: Chlorine-based cleaners are NOT recommended.
- Drain the whole system. Then remove filters and nozzles and clean separately.
- Finally, rinse inside the tank thoroughly using a pressure hose and flush system with clean water and allow to drain.

Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto unused land away from desirable plants and their roots and watercourses.

PHYTOTOXICITY

Established Turf: Transient discolouration may occur in turf situations when the high rate (2 L/ha) of Quali-Pro CREST has been used up to 21 days following treatment. This product is not recommended to be used in Creeping bentgrass golf or bowling green situations.

RESTRAINTS

DO NOT apply to turf or weeds which may be stressed due to prolonged periods of extreme cold, sustained high temperature within 48 hours of application, moisture stress (water-logging or drought), nutritional stress, root disease or previous herbicide treatments, as turf damage or reduced levels of control may result.

DO NOT apply if rain is likely to occur within three hours or if heavy rainfall that is likely to produce runoff is forecast within 48 hours.

DO NOT apply by aircraft.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift.

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone tables below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 km/h at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunsets and persist until one to two hours after sunrise.

DO NOT apply by a boom sprayer unless the following requirements are met:

- Spray droplets are not smaller than a COARSE spray droplet.
- Minimum distances between the application site and downwind sensitive areas are observed (see the "Mandatory buffer zone" section of the following table titled "Buffer zones for boom sprayers")

Table 1. Buffer Zones for boom sprayers

Mixture	Mandatory downwind buffer zone	
	Natural aquatic areas	Vegetation areas
Quali-Pro Crest Herbicide alone	10 metres	40 metres
Quali-Pro Crest + Cutlass®		
Quali-Pro Crest + Bronco® MA-X	15 metres	80 metres

DIRECTIONS FOR USE

Table 1. WEEDS CONTROLLED OR SUPPRESSED IN ESTABLISHED TURF

WEED	WEED STAGE	RATE/ha	CRITICAL COMMENTS
White clover (<i>Medicago repens</i>), Bindii (<i>Soliva sessilis</i>)	Any age	1 L - 2 L	Add a non-ionic surfactant at the recommended label rate. Apply to weeds after emergence from autumn to early spring. Use the higher rates during cooler months of the year or if weed pressure is high. Complete control may take 4 to 6 weeks depending on weed growth stage at application and also soil and air temperature. Weed death will generally take longer when an application is made during winter (May to August). A repeat application may be needed in 4 to 6 weeks if lower rates are used in high weed pressure situations or during extended germination periods due to environmental conditions.
Bathurst Burr (<i>Xanthium spinosum</i>), Noogoora Burr (<i>Xanthium strumarium</i>)	2 to 8 leaf stage, up to 20 cm tall	1.5 L	
Marshmallow or Smallflower Mallow (<i>Malva parviflora</i>)	Up to 8 leaf or 20 cm	2 L	
Pigweed (<i>Portulaca oleracea</i>)	Up to 10 cm diameter	1 L	
	10-30 cm diameter	1.5 L	
Sowthistle (<i>Sonchus oleraceus</i>)	2 to 5 leaf up to 10 cm diameter	2 L	

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.