

Product Name: ACP PropaQuiz 100 Herbicide
APVMA Approval No: 96535/149713

Label Name:	ACP PropaQuiz 100 Herbicide
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENT: 100 g/L PROPAQUIZAFOP SOLVENTS: 100 g/L N-METHYL-2-PYRROLIDONE 410 g/L LIQUID HYDROCARBON
Mode of Action:	GROUP 1 HERBICIDE
Statement of Claims:	For post-emergence selective weed control of annual grasses in broadleaf crops and legume pastures as specified in the Directions for Use table.
Net Contents:	10L to 1000L
Restraints:	<p>DO NOT apply ACP PropaQuiz 100 Herbicide when target weeds are stressed by adverse environmental conditions. Such conditions may include high or low temperatures, low humidity, moisture stress, nutrient deficiencies or waterlogging.</p> <p>SPRAY DRIFT RESTRAINTS Specific definitions for terms used in this section of the label can be found at www.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. 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 kilometres per hour at the application site during the time of application.</p>

	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 sunset and persist until one to two hours after sunrise.
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Directions for Use:	This section contains file attachment.
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Other Limitations:	
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Withholding Periods:	<p>Harvest</p> <p>Canola, Linseed: DO NOT HARVEST FOR 16 WEEKS AFTER APPLICATION.</p> <p>Chickpeas, Field peas, Lentils: DO NOT HARVEST FOR 12 WEEKS AFTER APPLICATION.</p> <p>Cotton: DO NOT HARVEST FOR 11 WEEKS AFTER APPLICATION.</p> <p>Faba beans: DO NOT HARVEST FOR 7 WEEKS AFTER APPLICATION</p> <p>Lupins: DO NOT HARVEST FOR 15 WEEKS AFTER APPLICATION</p> <p>Peanuts: DO NOT HARVEST FOR 14 WEEKS AFTER APPLICATION</p> <p>Safflower: DO NOT HARVEST FOR 20 WEEKS AFTER APPLICATION</p> <p>Sunflower: DO NOT HARVEST FOR 14 WEEKS AFTER APPLICATION</p> <p>Grazing</p> <p>Cotton: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 11 WEEKS AFTER APPLICATION.</p> <p>Legume pasture, Lucerne: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 3 DAYS AFTER APPLICATION</p> <p>Peanuts: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 2 WEEKS AFTER APPLICATION</p> <p>Sunflowers: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 weeks AFTER APPLICATION</p> <p>Vetch: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 3 DAYS AFTER APPLICATION</p> <p>Fallow: DO NOT GRAZE TREATED WEEDS AND STUBBLE IN A FALLOW SITUATION FOR 2 WEEKS AFTER APPLICATION.</p> <p>Tank Mixture with Sertin 186 EC or 120 g/L sethoxydim EC product</p> <p>Canola, Linseed: DO NOT HARVEST FOR 17 WEEKS AFTER APPLICATION.</p> <p>Chickpeas, Faba beans: DO NOT HARVEST FOR 14 WEEKS AFTER APPLICATION.</p> <p>Lentils: DO NOT HARVEST FOR 20 WEEKS AFTER APPLICATION.</p>
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Trade Advice:	
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General Instructions:

ACP PROPAQUIZ 100 HERBICIDE is a systemic post-emergence herbicide, rapidly absorbed by foliage and translocated within the plant to the roots. ACP PROPAQUIZ 100 HERBICIDE is rainfast one hour after application. Treated grasses cease growth within 1-2 days after application.

ACP PROPAQUIZ 100 HERBICIDE is most effective when grasses are actively growing at the seedling to early tillering stage. Allow a 10 day period between the application of ACP PROPAQUIZ 100 HERBICIDE and post-emergence broadleaf herbicide. ACP PROPAQUIZ 100 HERBICIDE may be tank-mixed at reduced rates, with Sertin 186 EC OR 120 g/L sethoxydim EC product for broader spectrum grass weed control as per the Directions for Use table.

LEGUME PASTURE SPRAYING

Follow guidelines as for Boom Spraying and Aerial Spraying. When pastures are grazed or cut for hay wait for grass weeds to produce fully expanded leaves before applying CROPNOSYS PROPAQUIZAFOP 100EC HERBICIDE.

If pasture is to be grazed heavily following application with CROPNOSYS PROPAQUIZAFOP 100EC HERBICIDE, allow 7 days to elapse before introducing stock to the treated area. In dense pastures use water volumes of at least 75 L/ha.

Early application is essential in areas where soil moisture is often marginal late in the season.

ACP PROPAQUIZ 100 HERBICIDE may have some effect on other desirable pasture grasses. Consult your farm chemical supplier or local Australis Crop Protection Pty Ltd representative for advice.

MIXING

ACP PROPAQUIZ 100 HERBICIDE is an emulsifiable concentrate to be mixed with water and applied as a spray. Partially fill the spray tank with water. Add the required amount of ACP PROPAQUIZ 100 HERBICIDE to the tank with the agitation system running, then add the adjuvant and the remainder of water.

When tank-mixing ACP PROPAQUIZ 100 HERBICIDE with Sertin 186 EC or 120 g/L sethoxydim EC product, add Sertin first to partially filled spray tank with agitation system running. Continue agitation for 2 to 3 minutes, then add ACP PROPAQUIZ 100 HERBICIDE and continue agitating for a further 2 to 3 minutes. Add the required amount of adjuvant, then add the remainder of water. DO NOT allow the tank mix to sit overnight.

APPLICATION

Boom Spraying: Check height of boom above the target grasses to ensure the spray is evenly distributed and a double overlap pattern is obtained. Fan nozzles to produce no less than fine to medium spray droplet size category is desirable.

Water volumes per hectare will depend on nozzle selection and should be in the range of 30-150 L/ha. Use higher volumes of spray to achieve full coverage of dense, vigorous weed infestations.

Aerial Spraying: Spray in crosswinds to ensure maximum coverage and crop penetration and use fine droplets to improve coverage. Aim for a fine to medium spray droplet size category. Micronair or hydraulic fan nozzles are both suitable. Apply ACP PROPAQUIZ 100 HERBICIDE in a water volume of 20-30 L/ha.

Use large droplets and increase volume of water where limitation of drift is required.

Cleaning Spray Equipment: After using CROPNOSYS PROPAQUIZAFOP 100EC 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 filters in the tank, pump, line and nozzles.

To rinse: After cleaning the tank as above, quarter fill the tank with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

To decontaminate: Before spraying cereals, maize, sweetcorn, sorghum, ornamental grasses, turf grasses or other sensitive crops, wash the tank and rinse the system as above. Drain and repeat the rinsing procedure. Then quarter fill the tank and add a liquid alkali detergent (e.g., SURF, OMO, DRIVE) at 0.5 L/100 L water and circulate throughout the system for at least fifteen minutes. Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain.

	<p>Dispose of all water used for cleaning in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots.</p> <p>COMPATIBILITY ACP PROPAQUIZ 100 HERBICIDE is physically compatible with a wide range of broadleaf herbicides, but such mixtures will usually result in a reduction in grass control. Consult your farm chemical supplier or Australis Crop Protection Pty Ltd representative for advice. ACP PROPAQUIZ 100 HERBICIDE is not compatible with Metribuzin 750 WG, 2,4-D, MCPA, 2,4-DB and mineral spray oil. DO NOT mix concentrates together but add each to the spray tank separately. As formulations of other manufacturers' products are beyond the control of Australis Crop Protection Pty Ltd all mixtures should be tested prior to mixing commercial quantities. As changes in climatic conditions can alter the sensitivity of plants to mixtures of sprays, Australis Crop Protection Pty Ltd cannot be responsible for the behaviour of such mixtures.</p>
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Resistance Warning:	<p>HERBICIDE RESISTANCE WARNING</p> <p>GROUP 1 HERBICIDE</p> <p>ACP PROPAQUIZ 100 HERBICIDE is a member of the aryloxyphenoxypropionate ("fop") group of herbicides. For weed resistance management ACP PROPAQUIZ 100 HERBICIDE is a Group 1 herbicide. Some naturally occurring weed biotypes resistant to ACP PROPAQUIZ 100 HERBICIDE and other Group 1 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 1 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Australis Crop Protection Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds. Large numbers of healthy surviving weeds can be an indication that resistance is developing. Efforts should be taken to prevent seed set of these survivors. If the user suspects that weeds resistant to Group 1 herbicides are present, ACP PROPAQUIZ 100 HERBICIDE or other Group 1 herbicide should not be used.</p> <p>To help prevent the potential development of resistant weed populations this product should be used as part of an overall Integrated Weeds Management Strategy, which incorporates the use of herbicides with different modes of action and alternate cultural weed control practices.</p> <p>Advice as to strategies and alternative treatments that can be used should be obtained from your local supplier, consultant, local Department of Agriculture, Primary Industries Department or an Australis Crop Protection Pty Ltd.</p> <p>DO NOT make more than one application of a Group 1 herbicide to a crop in the same season.</p>
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Precautions:	<p>RE-ENTRY DO NOT enter treated area without protective clothing until spray has dried.</p>
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Protections:	<p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands (e.g. cereals, maize, sweet corn, sorghum, ornamental grasses and turf grasses) or pastures. Thoroughly clean all traces of ACP PROPAQUIZ 100 HERBICIDE from application equipment after use. A strategy to minimise spray drift should be employed at all times when aerially applying sprays near sensitive areas. Such a strategy is illustrated by the cotton industry's Best Management Practice Manual.</p> <p>DO NOT plant cereal crops for a period of 28 days after application of ACP PROPAQUIZ 100 HERBICIDE.</p> <p>Avoid spray drift and vapour movement onto susceptible crops such as cotton, tobacco, tomatoes, vines, lupins, fruit trees and ornamentals.</p>
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	<p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</p> <p>Dangerous to fish. DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.</p>
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Storage and Disposal:	<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.</p> <p>If not recycling break, crush or puncture and deliver empty container to an approved waste management facility. If an approved facility is not available, bury the empty container 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>
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Safety Directions:	<p>Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. Avoid inhaling vapour or spray mist. When opening the container, preparing spray and using the product wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length butyl rubber gloves and face shield or goggles. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each days use, wash gloves, face shield or goggles and contaminated clothing.</p>
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First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126, New Zealand 0800 764 766. If swallowed, DO NOT induce vomiting. If in eyes, wash out immediately with water.</p>
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First Aid Warnings:	
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DIRECTIONS FOR USE

WINTER CROPS AND LEGUME PASTURES.

CROP	WEEDS CONTROLLED	GROWTH STAGE	RATE/ha	CRITICAL COMMENTS
Canola, Chickpeas, Faba beans, Field peas, Legume Pastures, Lentils, Linseed, Lucerne, Lupins, Safflower, Vetch	Annual (Wimmera) Ryegrass	3 leaf to mid tillering	300 - 450 mL*	Use the 300 mL/ha where Ryegrass is not the dominant weed and the dominate weeds are controlled by lower rates. Ensure maximum weed emergence prior to spraying. Spray when weeds are actively growing. Ryegrass: For best control wait until 75 % of ryegrass has begun tillering. Legume pastures: Refer to Legume pasture spraying recommendations under General Instructions for complete application instructions.
Canola, Chickpeas, Faba beans, Field peas, Lentils, Linseed, Lupins	Annual (Wimmera) Ryegrass, Barley Grass, Brome Grass, Volunteer Cereals (Barley, Oats, Wheat), Wild Oats	3 leaf to early tillering	200 - 300 mL + Sertin 186 EC 250 - 300 mL	Use this mixture with Sertin 186 EC OR 120 g/L sethoxydim EC product when Annual Ryegrass occurs in combination with Barley Grass, Brome Grass, Volunteer Cereals and/or Wild Oats. Use ACP PROPAQUIZ 100 HERBICIDE at the higher rate when Brome Grass and/or Wild Oat populations are high or dominate the weed spectrum. Use Sertin 186 EC or 120 g/L sethoxydim EC product at the higher rate when Ryegrass populations are high or dominate the weed spectrum. ACP PROPAQUIZ 100 HERBICIDE + Sertin 186 EC tank-mix The total amount of product should not be less than 500 mL/ha. ACP PROPAQUIZ 100 HERBICIDE + 120 g/L sethoxydim EC product tank-mix The total amount of product should not be less than 600 mL/ha.
			200 - 300 mL + 120 g/L sethoxydim EC product 300 - 400 mL	
Canola, Chickpeas, Faba Beans, Field Peas, Legume Pastures, Lentils, Linseed, Lucerne, Lupins, Safflower, Vetch	Barley Grass, Volunteer Cereals (Barley, Oats, Wheat)	3 leaf to mid tillering	200 mL*	Ensure maximum weed emergence prior to spraying. Spray when weeds are actively growing. Legume pastures: Refer to Legume pasture spraying recommendations under General Instructions for complete application instructions.
	Brome Grass			
	Wild Oats, Volunteer Triticale		300 mL* 250 mL*	
* IMPORTANT: USE ACP PROPAQUIZ 100 HERBICIDE WITH ONE OF THE FOLLOWING ADJUVANT SYSTEMS FOR WINTER CROPS AND PASTURES: Always add either a non-ionic surfactant such as BS 1000 at 0.2 % v/v (200 mL/100 L of water), or a blended methylated/ethylated seed oil at 0.5 % v/v (500 mL/100 L of water) e.g. Hasten, Plantocrop or Kwickin Spray Adjuvant. ACP PROPAQUIZ 100 HERBICIDE is not compatible with crop oils. DO NOT mix with Synertrol or Codacide oil.				

SUMMER CROPS AND FALLOWS

CROP	WEEDS CONTROLLED	GROWTH STAGE	RATE/ha	CRITICAL COMMENTS
Cotton, Peanuts, Sunflowers	Volunteer Barley, Volunteer Oats, Volunteer Wheat	3 leaf to mid tillering	200 mL*	Apply when the weeds are actively growing
	Volunteer Triticale		250 mL*	
	Crowsfoot Grass, Volunteer Sorghum	2 - 5 leaf stage	300 mL*	
	Barnyard Grass	5 leaf stage to the end of tillering	600 mL*	
		2 - 5 leaf stage	450 mL*	
		5 leaf stage to stem elongation	600 mL*	
		Johnson Grass	2 - 5 leaf stage	450 mL*
		5 leaf up to commencement of flowering	900 mL*	
	Liverseed Grass	2 - 5 leaf stage	600 mL*	Apply when the weeds are actively growing. DO NOT apply ACP PROPAQUIZ 100 HERBICIDE to Liverseed Grass after the 3 tiller stage as unacceptable control may result.
		5 leaf to 3 tiller stage	900 mL*	
	Feathertop Rhodes Grass	2 - 8 leaf stage	500 mL*	Apply to actively growing Feathertop Rhodes grass. DO NOT apply under stressed conditions from lack of moisture or in high temperatures. DO NOT apply ACP PropaQuiz 100 Herbicide to plants with more than three tillers as unacceptable control may result.
		8 leaf stage to 3 tillers	900 mL*	
	Summer fallow and prior to sowing summer or winter crop	3 leaf to early tillering	500 mL* Followed by an application of paraquat 250 SL 7-14 days later^	
* IMPORTANT: USE ACP PROPAQUIZ 100 HERBICIDE WITH ONE OF THE FOLLOWING ADJUVANT SYSTEMS FOR WINTER CROPS AND PASTURES: Always add either a non-ionic surfactant such as BS 1000 at 0.2 % v/v (200 mL/100 L of water), or a blended methylated/ethylated seed oil at 0.5 % v/v (500 mL/100 L of water) e.g. Hasten, Plantocrop or Kwicken Spray Adjuvant. ACP PROPAQUIZ 100 HERBICIDE ® is not compatible with crop oils. DO NOT mix with Synertril or Codacide oil.				

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