



Company Name: AMGROW PTY LTD
Product Name: KROVAR WG HERBICIDE

APVMA Approval No: 31253/105258

Label Name:	KROVAR WG HERBICIDE
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Signal Headings:	READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	ACTIVE CONSTITUENTS: 400 g/kg BROMACIL 400 g/kg DIURON
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Mode of Action:	GROUP C HERBICIDE
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Statement of Claims:	For selective weed control in pineapples
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Net Contents:	Net Contents: 5 kg
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Restraints:	<p>Restraints:</p> <p>DO NOT use in water-logged areas</p> <p>DO NOT apply if greater than 50 mm rainfall is expected within 3 days of application.</p> <p>DO NOT irrigate within 3 days of application.</p> <p>DO NOT apply to fields where the slope exceeds 3%.</p> <p>DO NOT spot spray more than 5% of total farm areas.</p> <p>DO NOT apply more than once per calendar year.</p> <p>DO NOT apply in the Wet Tropics.</p> <p>SPRAY DRIFT RESTRAINTS:</p> <p>DO NOT apply by air.</p> <p>DO NOT apply with spray droplets smaller than COARSE spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guidelines.</p> <p>Users of this product MUST make an accurate written record of the details of each spray application within 24 hours following application and KEEP this record for a minimum of 2 years.</p> <p>The spray application details that must be recorded are:</p> <ol style="list-style-type: none">1. Data with start and finish times of application;
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2. Location address and paddock/s sprayed;
3. Full name of this product;
4. Amount of products used per hectare and number of hectares applied to;
5. Crop/situation and weed/pest;
6. Wind speed and direction during application;
7. Air temperature and relative humidity during application;
8. Nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application;
9. Name and address of person applying this product. (Additional record details many be required by the State or Territory where this product is used).

MANDATORY NO-SPRAY ZONES

DO NOT apply when there is non-target vegetation within 200 m downwind from the application area

DO NOT apply when there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers within 100 m downwind from the application area.

Directions for Use: This section contains file attachment.

File Name: Kovar DFU - 1215.docx

File Size: 1237560 bytes

Other Limitations:

Withholding Periods: WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

Trade Advice:

General Instructions:

GENERAL INSTRUCTIONS

This product is a soil residual herbicide that mainly enters weeds through their roots. For best results in all areas apply to moist weed free soil. Well established weeds should be removed before application. For best results sufficient moisture, either by rainfall or irrigation, is required within 3 – 4 days of treatment to carry the product into the soil. With irrigation wet the entire area.

EQUIPMENT AND MIXING INSTRUCTIONS

Mix the required amount of the product into a minimum of 20 L water per kg of product. Large areas: Use a fixed boom powered sprayer or hand gun. To prevent nozzle blockage, strainer and nozzle screens should be 50 mesh or coarser. Agitate continuously in spray tank to keep material suspended.

- a) Fixed boom power sprayers - For selective weed control use 250 – 450 L/ha at 200 – 300 kPa pressure. Avoid higher pressures to prevent drift to non-target areas.
- b) Hand gun - Use 1,000 – 2,000 L/ha and 600 – 800 kPa pressure.

Small areas: Use a knapsack or pressurised hand sprayer or watering can. Shake or stir frequently.

Resistance Warning:

RESISTANT WEEDS WARNING

Krovar® WG Herbicide contains members of the uracil and urea groups of herbicides. The product has the inhibitor of photosynthesis at photosystem II mode of action. For weed resistance management, the product contains Group C herbicides.

Some naturally-occurring weed biotypes resistant to the product and other Group C herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are

	<p>used repeatedly. These resistant weeds will not be controlled by this product or other Group C herbicides.</p> <p>Since the occurrence of resistant weeds is difficult to detect prior to use, Barmac accepts no liability for any losses that may result from the failure of this product to control resistant weeds.</p> <p>Strategies to minimise the risk of herbicide resistance are available. Consult your farm chemical supplier, consultant, local Department of Agriculture or Primary Industries, or local Barmac representative.</p>
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Precautions:	
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Protections:	<p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS DO NOT replant treated areas to any crop (including citrus), other than pineapples, within 3 years after last application as injury may occur.</p> <p>DO NOT apply, drain or flush equipment on or near desirable trees or other plants or where their roots may extend. Prevent drift of dry powder or spray onto desirable plants.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT DO NOT contaminate streams, rivers or waterways with the chemical or used containers.</p>
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Storage and Disposal:	<p>STORAGE AND DISPOSAL KEEP OUT OF REACH OF CHILDREN.</p> <p>Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Single rinse before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemical on site. Puncture and bury empty containers in a local authority landfill. If no landfill is available bury the container below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.</p>
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Safety Directions:	<p>SAFETY DIRECTIONS</p> <p>May irritate the eyes, nose, throat and skin. Avoid contact with the eyes and skin. DO NOT inhale dust or spray mist. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.</p>
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First Aid Instructions:	<p>FIRST AID</p> <p>If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone Australia 13 11 26.</p>
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First Aid Warnings:	
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DIRECTIONS FOR USE

CROP/SITUATION	WEEDS CONTROLLED	STATES	RATE	CRITICAL COMMENTS
Pineapple	Asthma plant, Barnyard grass, Billygoat weed, Cobbler's-pegs, Crowsfoot grass, Fat-hen, Guinea grass, Pigweed, <i>Physalis</i> spp., Red natal grass, <i>Sonchus</i> spp., Sourgrass, Stinking roger, Summer grass, Thickhead.	Qld only	4.5 kg/ha	<p>CROP - Avoid spray contacting crop foliage or fruit.</p> <p>PRE-EMERGENCE OF WEEDS OR TO WEED SEEDLINGS ONLY.</p> <p>DO NOT apply in the Wet Tropics.</p> <p>DO NOT apply in the Burdekin between 1 December and 29 February.</p> <p>DO NOT apply in Mackay/Whitsunday between 1 December and 31 May.</p> <p>DO NOT apply in Mary-Burnett between 1 December and 31 May.</p> <p>DO NOT apply in SE Queensland between 1 September and 31 May.</p> <p>BLANKET SPRAYS - apply to moist soil prior to weed emergence after planting and before planting material begins to grow. Use 2,200 – 4,400 L/ha.</p>
			2.2 kg/ha	<p>DIRECT INTER-ROW SPRAYS</p> <p>APPLY ONLY as a directed band spray over a maximum of 60% of the crop area.</p> <p>DO NOT apply in the Wet Tropics.</p> <p>DO NOT apply in the Burdekin between 1 December and 29 February.</p> <p>DO NOT apply in Mackay/Whitsunday between 1 December and 29 February.</p> <p>DO NOT apply in Mary-Burnett between 1 December and 31 May.</p> <p>DO NOT apply in SE Queensland between 1 December and 31 May.</p> <p>These additional sprays may be made prior to flower differentiation if needed. DO NOT spray over top of plants. DO NOT apply more than 13 kg/ha per year. For best results the soil should be well prepared and as free as possible from trash and clods. DO NOT cultivate soil surface after application as efficacy may be reduced and/or crop injury may result.</p>
			4.5 kg/ha	<p>DIRECT INTER-ROW SPRAYS –</p> <p>APPLY ONLY as a directed band spray over a maximum of 60% of the crop area.</p> <p>DO NOT apply in the Wet Tropics.</p> <p>DO NOT apply in the Burdekin between 1 December and 29 February.</p> <p>DO NOT apply in Mackay/Whitsunday between 1 December and 31 May</p> <p>DO NOT apply in Mary-Burnett between 1 December and 31 May.</p> <p>DO NOT apply in SE Queensland between 1 September and 31 May.</p> <p>These additional sprays may be made prior to flower differentiation if needed. DO NOT spray over top of plants. DO NOT apply more than 13 kg/ha per year. For best results the soil should be well prepared and as free as possible from trash and clods. DO NOT cultivate soil surface after application as efficacy may be reduced and/or crop injury may result.</p>

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