



Australian Pesticides &
Veterinary Medicines Authority

Product Name: AMGROW BIN-DIE PROFESSIONAL SELECTIVE HERBICIDE
APVMA Approval No: 66082 / 150786

Label Name:	AMGROW BIN-DIE PROFESSIONAL SELECTIVE HERBICIDE
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Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	300 g/L MCPA present as the POTASSIUM SALT 20 g/L CLOPYRALID present as the POTASSIUM SALT 15 g/L DIFLUFENICAN
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Mode of Action:	GROUP 4 12 HERBICIDE
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Statement of Claims:	For the control of certain broadleaf weeds in turf as specified in the Directions for Use table.
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Net Contents:	500mL-20L
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Restraints:	<p>DO NOT apply if weeds or turf are under stress or when frosts are imminent. DO NOT use if rain is expected within 4 hours. DO NOT use clippings as mulch around other plants or for composting. DO NOT use on bent grass or winter grass golf and bowling greens.</p> <p>SPRAY DRIFT RESTRAINTS Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift</p> <p>DO NOT allow bystanders to come into contact with the spray cloud.</p> <p>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.</p>
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	<p>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> <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.</p>
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Directions for Use:	This section contains file attachment.
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Other Limitations:	
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Withholding Periods:	DO NOT GRAZE TREATED TURF OR FEED TURF CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK.
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Trade Advice:	
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General Instructions:	<p>For best results the turf and weeds should be actively growing at the time of treatment. Complete weed death may take up to 6 weeks. Faster results can be expected on smaller weeds.</p> <p>Due to residual effects on diflufenican, overseeding treated areas within 3 months of application may inhibit establishment of the turf grass.</p> <p>MIXING Shake original container before use. Agitate continuously to ensure thorough mixing before and during application. Only mix sufficient chemical for each day's work. Surfactants (if used) should be added after Amgrow Bin-Die Professional Selective Herbicide and water are mixed when the spray-tank is almost full.</p> <p>MOWING Avoid mowing during the 3 to 4 days preceding or following treatment.</p> <p>CLEANING SPRAY EQUIPMENT THOROUGHLY CLEAN ALL APPLICATION EQUIPMENT AFTER USE: Rinse water should be discharged onto a designated area or if unavailable onto unused land away from desirable plants and water courses.</p> <p>Partial Cleaning (before spraying tolerant turf): After using Amgrow Bin-Die Professional Selective Herbicide empty the tank completely and drain the whole system. Thoroughly wash inside the tank with a pressure hose. Quarter fill the tank with clean water and circulate through the pump, line, hoses and nozzles. Drain and repeat procedure twice.</p> <p>Complete Cleaning (before spraying susceptible plants): After using Amgrow Bin-Die Professional Selective Herbicide empty the tank completely and drain the whole system. Thoroughly wash inside the tank with a pressure hose. Quarter fill the tank with clean water and circulate through the pump, line, hoses and nozzles, then drain. Quarter fill the tank again and add an alkaline detergent at 500 mL/100 L water and circulate through the system for at least 15 minutes. Drain, remove filters and nozzles and clean separately. Rinse inside the tank thoroughly using a pressure hose and flush system with clean water.</p> <p>COMPATIBILITY</p>
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No information is available that indicates physical compatibility with other products. Tank-mixing other products with Amgrow Bin-Die Professional Selective Herbicide cannot therefore be recommended. As formulations of other manufacturers' products are beyond the control of Australian Agribusiness Holdings Pty Ltd, all mixtures should be tested prior to mixing commercial quantities.

Resistance Warning:

RESISTANT WEEDS WARNING

GROUP 4 12 HERBICIDE

Amgrow Bin-Die Professional Selective Herbicide is a member of the nicotinanilide, phenoxy and pyridine groups of herbicides. Amgrow Bin-Die Professional Selective Herbicide has the inhibitors of carotenoid biosynthesis and disruptor of cell growth modes of action. For weed resistance management Amgrow Bin-Die Professional Selective Herbicide is a Group 4 and 12 Herbicide. Some naturally occurring weed biotypes resistant to Amgrow Bin-Die Professional Selective Herbicide and other Group 12 and 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 Amgrow Bin-Die Professional Selective Herbicide or other Group 4 or 12 herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Australian Agribusiness Holdings Pty Ltd accepts no liability for any losses that may result from the failure of Amgrow Bin-Die Professional Selective Herbicide to control resistant weeds.

Precautions:

PRECAUTION

Manual Handling of turf: Hand-weeding and transplanting should not be performed before 2 weeks after spray application, unless workers wear overalls (or equivalent clothing) and chemical resistant gloves.

RE-ENTRY STATEMENT

DO NOT allow entry into treated areas until the spray has dried. When prior entry is necessary wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

Protections:

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 or pastures. Spray drift from Amgrow Bin-Die Professional Selective Herbicide application may cause injury to herbaceous plants, vegetables, fruit crops, vines, ornamentals and trees.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish and other aquatic life. DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.

Storage and Disposal:

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or a designated collection point. 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.

Safety Directions:	Harmful if swallowed. Will damage the eyes. Will irritate skin. Avoid contact with eyes and skin. If product in eyes, wash it out immediately with water. Wash hands after use. When opening the container, preparing the spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves and goggles. After each day's use wash gloves, 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, New Zealand 0800 764 766.
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First Aid Warnings:	
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DIRECTIONS FOR USE:

SITUATION	WEEDS CONTROLLED	RATE	CRITICAL COMMENTS
Turf	Broadleaf weeds including: White Clover (<i>Trifolium repens</i>), Plantain (<i>Plantago lanceolata</i>), Capeweed (<i>Arctotheca calendula</i>), Cat's Ear (<i>Hypochoeris radicata</i>), Bin-dii (Jo-Jo, Onehunga) (<i>Soliva sessilis</i>), Cudweed (<i>Gnaphalium</i> spp.), Creeping Oxalis (<i>Oxalis corniculata</i>)	5 L in 200 - 500 L water/ha or 50 mL in 2–5 L water per 100m ²	Apply to actively growing weeds. Transient discolouration may occur on kikuyu and carpet grass and Queensland blue couch. Varietal differences in certain buffalo grasses (e.g. ST85) may produce more pronounced effects and it is recommended that small areas be tested for turf safety before large-scale application occurs. Avoid exceeding application rates through overlapping sprayed areas. Use a surfactant for difficult to wet weeds.

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