



Australian Pesticides &  
Veterinary Medicines Authority

Product Name: eLabel      Argold Herbicide  
APVMA Approval No:      94842 / 143824

Label Name:	Argold Herbicide
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENT: 750 g/L CINMETHYLIN
Mode of Action:	GROUP 30 HERBICIDE
Statement of Claims:	For the management of Winter grass ( <i>Poa annua</i> ) on Turf as indicated in the Directions for Use table.
Net Contents:	500 mL - 20 L
Restraints:	This section contains file attachment. File Name: Restraints.pdf File Size: 200759 bytes
Directions for Use:	This section contains file attachment. File Name: DFU.pdf File Size: 94114 bytes
Other Limitations:	
Withholding Periods:	DO NOT graze treated turf or lawn; or feed turf or lawn clippings from any treated area to poultry or livestock.

Trade Advice:	
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General Instructions:	<p><b>GENERAL INSTRUCTIONS</b></p> <p>Argold Herbicide is a pre- and post-emergent residual herbicide for the management of Winter grass (<i>Poa annua</i>) in highly managed turf surfaces. Argold Herbicide is primarily absorbed by roots of germinating weeds. Optimum weed control is achieved when Argold Herbicide is applied evenly to the turf surface for 3-4 repeated applications and irrigated in post application with 2-5mm irrigation, placing the Argold Herbicide at the roots of the target weed. Repeated applications at lower rates will enable host grass to grow in at a similar or equivalent rate to the weed removal, ensuring the quality and usability of the turf surface is maintained.</p> <p>Argold Herbicide is best suited for programs targeting pre-emergent, or newly establishing weeds. For optimum control applications should commence from autumn (or when new weed germinations are frequently noticed). Late season application programs commencing from late winter may only achieve weed suppression. Higher application rates and shorter re-application intervals typically achieve faster weed control than lower application rates and longer re-application intervals. Care should be taken to tailor the Argold Herbicide weed management program to the initial population and individual site requirements to maintain a playable surface.</p> <p>Excessive irrigation or an unplanned rain event may wash Argold Herbicide too low in the thatch and may cause adverse effects to the host grass. Winter grass (<i>Poa annua</i>) may germinate post application, however, will not establish adequate roots for viability. Plants may also appear yellow soon after germination. Minor transient discoloration may occur on the host grass after repeated applications, however, this should recover by 28 days after treatment.</p> <p>To ensure thorough coverage, Argold Herbicide should be applied in a minimum of 800L/ha water.</p> <p>Argold Herbicide is not compatible for use in conjunction with a Primo Maxx (Trinexapac-ethyl) program.</p> <p>Argold Herbicide has been tested on a range of turf cultivars without damage. However, some species and varieties are particularly susceptible to chemical products. As sensitivity may be related to local conditions it is advisable that a small test plot of turf is treated first to determine reaction to the product before treating entire surface.</p> <p><b>MIXING</b></p> <p>Half fill the spray tank with clean water. Commence agitation and add the required amount of product to the tank. Maintain agitation whilst filling the tank and throughout the spraying operation.</p> <p>Argold Herbicide is an emulsifiable concentrate formulation. When using in a tank mix with other products the following mix order should be observed;</p> <ul style="list-style-type: none"><li>• half fill the spray tank;</li><li>• add any granule (WG) formulated products first and allow dispersion, followed by any suspension concentrates (SC/flowable);</li><li>• add Argold Herbicide and any other EC formulations;</li><li>• add any water-soluble salts;</li><li>• add any adjuvants as required for other herbicides.</li></ul> <p>As water quality can influence compatibility, it is recommended that mixtures should be bottle-tested in the water intended for spraying, prior to mixing commercial quantities.</p>
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Resistance Warning:	<p><b>HERBICIDE RESISTANCE WARNING</b></p> <p><b>GROUP 30 HERBICIDE</b>  Argold Herbicide is a member of the benzyl ether group of herbicides. Argold Herbicide acts by inhibiting the enzyme fatty acid thioesterase, which disrupts fatty acid biosynthesis. For weed resistance management Argold Herbicide is a Group 30 herbicide. Some naturally occurring weed biotypes resistant to this product and Group 30 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 Group 30 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, BASF Australia Limited accepts no liability for any losses that may result from the failure of this product to control resistant weeds.</p> <p><b>Resistance Management</b>  Arglod Herbicide will control weeds which have developed resistance to other mode of action herbicides. Where possible, Argold Herbicide should be used as a part of an integrated weed management program which includes herbicides from other modes of action and non-chemical methods.</p>
Precautions:	<p><b>Re-entry statement for occupational users:</b>  DO NOT enter treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each days use.</p> <p><b>Re-entry statement for the general public:</b>  DO NOT allow entry into treated areas until the spray has dried.</p>
Protections:	<p><b>PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT</b>  Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.</p>
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. 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 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, dispose of empty container or unused product in compliance with relevant local, state or territory government regulations. DO NOT burn empty containers or product.</p>
Safety Directions:	<p>Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When opening the container and preparing the product for use, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat, PVC or rubber apron and elbow-length chemical resistant gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. 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.</p>
First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126; New Zealand 0800 764 766.</p>
First Aid Warnings:	

## RESTRAINTS

DO NOT apply to turf stressed through disease, insect damage, frost, nutrient deficiencies, or other herbicide use.

DO NOT apply for 28 days after seeding tolerant turf grasses.

DO NOT seed tolerant turf grasses for 12-16 weeks following the last application.

DO NOT apply if heavy rains or storms are forecast within 3 days.

DO NOT irrigate to the point of field runoff for at least 3 days after application.

DO NOT apply by aircraft.

DO NOT apply by vertical sprayer.

DO NOT apply more than 4 applications per year.

DO NOT apply to waterlogged soil.

DO NOT apply for 28 days after turf renovation (aeration, verticutting).

## SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at [apvma.gov.au/spraydrift](http://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 buffer zone table 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 kilometres per hour 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 sunset and persist until one to two hours after sunrise.

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

- spray droplets not smaller than a MEDIUM spray droplet size category
- minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer zones for boom sprayers						
Application rate	Boom height above the target canopy	Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to 350 mL/ha	0.5 m or lower	0 metres	0 metres	0 metres	30 metres	0 metres
	1.0 m or lower	0 metres	20 metres	0 metres	70 metres	30 metres
Up to 500 mL/ha	0.5 m or lower	0 metres	0 metres	0 metres	35 metres	5 metres
	1.0 m or lower	0 metres	25 metres	0 metres	90 metres	45 metres

## DIRECTIONS FOR USE

SITUATION	WEED	RATE	CRITICAL COMMENTS
<p><b>Highly managed turf surfaces including but not limited to:</b></p> <p><b>Golf course greens, tees and bowling greens</b></p> <p>Creeping Bent grass (<i>Agrostis stolonifera</i>)</p> <p>Couch grass (<i>Cynodon dactylon</i>)</p> <p>Hybrid couch grass (<i>Cynodon dactylon</i> x <i>Cynodon transvaalensis</i>)</p>	<p>Winter grass (<i>Poa annua</i>)</p>	<p>350 - 500 mL / ha</p>	<p>Apply to turf surface for pre- and/or early post-emergent management of Winter grass (<i>Poa annua</i>) in 800L/ha water, immediately followed by 2-5mm overhead irrigation. Use sufficient irrigation ONLY to place the Argold Herbicide at the roots of the Winter grass (<i>Poa annua</i>).</p> <p>For optimum weed control applications targeting pre-emergent control, or newly establishing weeds should commence from autumn (or when new weed germinations are frequently noticed). Late season application programs commencing from late winter may only achieve weed suppression. See GENERAL INSTRUCTIONS.</p> <p>To enable consistent host grass grow-in and a useable turf surface, apply ARGOLD® at 4–6-week intervals. In situations of high Winter grass (<i>Poa annua</i>) populations (greater than 50%) in concentrated patches, lower use rates, and longer re-application intervals may be favourable to avoid creating bare patches of turf.</p> <p>If the weed population is dispersed evenly throughout the host grass, or in situations where a Winter grass (<i>Poa annua</i>) management strategy has been used in previous years, higher use rates and shorter re-application intervals may be favourable.</p>

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