



Product Name: Apparent Clethodim 360 Herbicide
APVMA Approval No: 80404 / 124118

Label Name:	Apparent Clethodim 360 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:	360 g/L CLETHODIM 570 g/L HYDROCARBON LIQUID
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Mode of Action:	GROUP A HERBICIDE
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Statement of Claims:	For the control of certain grass weeds in beetroot, cabbage, canola, celery, chickpeas, cotton, faba beans, field peas, forestry, lentils, lettuce, lupins, mung beans, non-bearing fruit trees, onions, ornamentals, peanuts, potatoes and soybeans as specified in the Directions for Use
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Net Contents:	1000L 200L 110L 100L 20L 5L
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Restrains:	RESTRAINTS DO NOT apply without the addition of an adjuvant. DO NOT apply to plants that are stressed by moisture or temperature extremes. DO NOT apply if rain is expected within one hour of application. DO NOT apply Apparent Clethodim 360 Herbicide more than once to any one crop.
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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>WITHHOLDING PERIODS: HARVEST: Canola, Chickpeas, Cotton, Faba Beans, Field Peas, Lentils, Lupins, Mung Beans, Peanuts, Soybeans: NOT REQUIRED WHEN USED AS DIRECTED Forestry: NOT REQUIRED WHEN USED AS DIRECTED Beetroot, Cabbage: DO NOT APPLY LATER THAN 7 DAYS BEFORE HARVEST Onions: DO NOT APPLY LATER THAN 14 DAYS BEFORE HARVEST Lettuce, Potatoes: DO NOT APPLY LATER THAN 4 WEEKS BEFORE HARVEST Celery: DO NOT APPLY LATER THAN 9 WEEKS BEFORE HARVEST</p> <p>GRAZING: Canola, Chickpeas, Faba Beans, Field Peas, Lentils, Lupins, Mung Beans, Soybeans: DO NOT GRAZE OR CUT FOR STOCK-FEED FOR 21 DAYS AFTER APPLICATION Cotton: DO NOT GRAZE OR CUT COTTON FORAGE OR STUBBLE FOR STOCK-FEED</p>
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Trade Advice:	
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General Instructions:	This section contains file attachment.
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Resistance Warning:	<p>RESISTANT WEEDS WARNING GROUP A HERBICIDE Apparent Clethodim 360 Herbicide is a member of the cyclohexanedione group of herbicides. Apparent Clethodim 360 Herbicide has the inhibition of acetyl CoA carboxylase mode of action. For weed resistance management, Apparent Clethodim 360 Herbicide is a Group A herbicide. Some naturally occurring weed biotypes resistant to Apparent Clethodim 360 Herbicide and other Group A 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 Apparent Clethodim 360 Herbicide or other Group A herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, AIRR Apparent Pty Ltd accepts no liability for any losses that may result from the failure of Apparent Clethodim 360 Herbicide to control resistant weeds.</p>
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Precautions:	<p>CAUTION Ornamentals and Trees - While Apparent Clethodim 360 Herbicide is generally selective to broadleaf plants (i.e. it is active against grasses), tests should always be made on a small number of plants not previously tested. Do NOT use on Gymnosperms (pines, conifers etc.) unless a prior test has been conducted to check safety on the relevant species.</p>
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Protections:	<p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS DO NOT apply Apparent Clethodim 360 Herbicide if wind is likely to cause drift onto susceptible crops/plants, cropping lands or pastures. Apparent Clethodim 360 Herbicide should not be applied through misting equipment or any other method likely to cause excessive drift. Care should be taken to avoid damage to adjoining native grasses or grass crops.</p>
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PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

Storage and Disposal:

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Protect from frost.
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, puncture or shred and deliver empty packaging for appropriate disposal 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:

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. When preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length chemical resistant 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 day's use, wash gloves and face shield or goggles and contaminated clothing.

First Aid Instructions:

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126; New Zealand 0800 764 766. If swallowed, do NOT induce vomiting. If in eyes wash out immediately with water.

First Aid Warnings:

DIRECTIONS FOR USE

Crop	Crop Growth Stage	Weeds Controlled	Rate mL/ha	Stage of Weed Growth	State	Critical Comments
Canola, Chickpeas, Faba beans, Field peas, Lentils #, Lupins @	<p>Canola: DO NOT APPLY after flower buds become visible (green buds)</p> <p>Chickpeas: DO NOT APPLY beyond full flowering</p> <p>Faba beans: DO NOT APPLY beyond full flowering</p> <p>Field peas: DO NOT APPLY beyond full flowering</p> <p>Lentils: Apply up to 7 nodes / early branching stage of crop growth</p> <p>Lupins: DO NOT APPLY after 80% of flowers have opened</p>	Annual Ryegrass (<i>Lolium rigidum</i>) Annual Phalaris (<i>Phalaris minor</i>)	100 to 165	2 leaf to fully tillered	Qld, NSW, ACT, Vic, Tas, WA only	<p>* Always apply with DC Trate at 2L/ha or Hasten at 1L/ha or Kwickin at 1L/100 L or Uptake at 500mL/100L spray volume.</p> <p>The lower doses will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress.</p> <p>See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for mixture recommendations with insecticides, fungicides and other herbicides.</p> <p># Application up to 7-node/early-branching crop growth stage only.</p> <p>@ NOT Queensland</p>
		Barley Grass (<i>Hordeum leporinum</i>) Brome Grass (<i>Bromus diandrus</i>) Wild Oats (<i>Avena</i> spp.)	115 to 165			
		Volunteer Wheat (<i>Triticum aestivum</i>) Volunteer Oats (<i>Avena sativa</i>)	135* to 165* (115 to 165 in WA only)			
		Volunteer Barley (<i>Hordeum vulgare</i>)	165	NSW, ACT, Vic, Tas only		
		Silver Grass <i>Vulpia bromoides</i> - suppression only	165 to 330			
		Paradoxa Grass, (<i>Phalaris paradoxa</i>)	165-250 250	2 to 5 leaf stage 5-leaf to fully tillered	Qld, NSW, ACT only	
Cotton (Qld, NSW and NT only), Peanuts, Mung Beans, Soybeans	<p>Cotton: DO NOT APPLY after full flowering (mid bloom)</p> <p>Peanuts: DO NOT APPLY after the pod fill stage of crop development</p> <p>Mung beans: DO NOT APPLY after first flower buds are visible</p> <p>Soybeans: DO NOT APPLY after first flowers are visible</p>	Barnyard Grass (<i>Echinochloa</i> spp.) Blown Grass (<i>Agrostis aveacea</i>) Crowsfoot Grass (<i>Eleusine indica</i>) Feathertop Rhodes Grass (<i>Chloris virgata</i>) Liverseed Grass (<i>Urochloa panicoides</i>) Red Sprangletop Grass (<i>Leptochloa filiformis</i>) Seedling Johnson Grass (<i>Sorghum halepense</i>) Summer Grass (<i>Digitaria</i> spp.) Volunteer Sorghum (<i>Sorghum</i> spp.)	165 to 250 250	2 to 5 leaf stage 5-leaf to fully tillered	Qld, NSW, ACT, Vic, WA, NT only	<p>Always apply with DC Trate at 2L/ha or Hasten at 1L/ha or Kwickin at 1L/100L or Uptake at 500mL/100L spray volume.</p> <p>The lower doses will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress.</p> <p>See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for mixture recommendations with insecticides, fungicides and other herbicides.</p>

Crop	Weeds Controlled	Rate mL/ha	Stage of Weed Growth	State	Critical Comments
Beetroot, Cabbage, Celery, Lettuce, Potatoes, Onions	Barnyard Grass (<i>Echinochloa</i> spp.) Blown Grass (<i>Agrostis aveacea</i>) Crowsfoot Grass (<i>Eleusine indica</i>) Feathertop Rhodes Grass (<i>Chloris virgata</i>) Liverseed Grass (<i>Urochloa panicoides</i>) Paradoxa Grass (<i>Phalaris paradoxa</i>) Red Sprangletop Grass (<i>Leptochloa filiformis</i>) Seedling Johnson Grass (<i>Sorghum halepense</i>) Summer Grass (<i>Digitaria</i> spp.) Volunteer Sorghum (<i>Sorghum</i> spp.)	165 to 250 250	2 to 5 leaf stage 5-leaf to fully tittered	All states	Always apply with DC Trate at 2L/ha or Hasten at 1L/ha or Kwickin at 1L/100L or Uptake at 500mL/100L spray volume. The lower doses will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress. Use a spray volume of 150L/ha when spraying dense grass populations.
	Annual Ryegrass (<i>Lolium rigidum</i>) Annual Phalaris (<i>Phalaris minor</i>)	100 to 165	2 leaf to fully tittered	All states	Always apply with DC Trate at 2L/ha or Hasten at 1L/ha or Kwickin at 1L/100L or Uptake at 500mL/100L spray volume.
	Barley Grass (<i>Hordeum leporinum</i>) Brome Grass (<i>Bromus diandrus</i>) Wild Oats (<i>Avena</i> spp.)	115 to 165			The lower doses will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress.
	Volunteer Wheat (<i>Triticum aestivum</i>) Volunteer Oats (<i>Avena sativa</i>)	135* to 165 *(115 to 165 in WA only)			Use a spray volume of 150L/ha when spraying dense grass populations.
	Vounteer Barley (<i>Hordeum vulgare</i>)	165			
	Silver Grass (<i>Vulpia bromoides</i>) — suppression only (not Qld, WA)	165 to 330			
	Winter Grass (<i>Poa annua</i>)	330			

Forestry, non- bearing fruit trees and ornamentals	Annual Ryegrass (<i>Lolium rigidum</i>) Annual Phalaris (<i>Phalaris minor</i>) Barley Grass (<i>Hordeum leporinum</i>) Barnyard Grass (<i>Echinochloa</i> spp.) Blown Grass (<i>Agrostis aveacea</i>) Brome Grass (<i>Bromus diandrus</i>) Crowsfoot Grass (<i>Eleusine indica</i>) Feathertop Rhodes Grass (<i>Chloris virgata</i>) Liverseed Grass (<i>Urochloa panicoides</i>) Paradoxa Grass, (<i>Phalaris paradoxa</i>) Red Sprangletop Grass (<i>Leptochloa filiformis</i>) Seedling Johnson Grass (<i>Sorghum halepense</i>) Silver Grass (<i>Vulpia bromoides</i>) — suppression only (not Qld, WA) Summer Grass (<i>Digitaria</i> spp.) Volunteer Barley (<i>Hordeum vulgare</i>) Volunteer Oats (<i>Avena sativa</i>) Volunteer Sorghum (<i>Sorghum</i> spp.) Volunteer Wheat (<i>Triticum aestivum</i>) Winter Grass (<i>Poa annua</i>)	330	2 leaf to fully tillered	All states	Apply after plants have recovered from transplant shock and are showing signs of active growth. Always apply with DC Trate at 2L/ha or Hasten at 1L/ha or Kwickin at 1L/100L or Uptake at 500mL/100L spray volume. Use a spray volume of 150L/ha when spraying dense grass populations. Do NOT use on Gymnosperms (pines, conifers etc.) unless a prior test has been conducted to check safety on the relevant species. See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for particular species.
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NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

GENERAL INSTRUCTIONS

CLEANING SPRAY EQUIPMENT

Before using Apparent Clethodim 360 Herbicide

Ensure that the recommended clean—out procedures for the previous product (particularly sulfonylurea herbicides) sprayed with the equipment was done properly.

After using Apparent Clethodim 360 Herbicide

Empty the tank and drain the whole system.

Thoroughly wash inside the tank using a pressure hose, drain the tank and clean filters in the tank, pump line and nozzles.

Use of a household detergent will aid in the cleaning the equipment. Add detergent to the part-filled spray tank and thoroughly circulate through pumps, hoses and nozzles. Drain the system and thoroughly rinse twice with clean water.

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

MIXING

To ensure even mixing, half-fill the spray tank with clean water, add the required amount of Apparent Clethodim 360 Herbicide. Add spray additive and agitate thoroughly, then add the remainder of the water. Agitate again before spraying commences.

APPLICATION

Ground Application

Apparent Clethodim 360 Herbicide should be applied with calibrated spray equipment. DO NOT apply with spray droplets smaller than a MEDIUM spray droplet size category. Apply in a minimum of 50 litres of water per hectare. Use 150L/ha when spraying dense populations.

Aerial Application

Apparent Clethodim 360 Herbicide can be applied through aircraft fitted with boom or Micronair equipment. DO NOT apply with spray droplets smaller than a MEDIUM spray droplet size category. A spray volume of 20 to 30L/ha is recommended.

Best results will be obtained when aerial applications are made in a light crosswind. Applications should not be made during temperature inversions or in conditions of very low relative humidity. Care should be taken to avoid drift damage to adjoining grass crops.

COMPATIBILITY

Grass Herbicides: Apparent Clethodim 360 Herbicide is compatible with the following grass herbicides: Targa*, Fusilade*, Verdict*, Sertin* and Correct* (refer to the Bayer Correct label for detail on adjuvant recommendations for that product).

NOTE: In all situations where Apparent Clethodim 360 Herbicide is mixed with another grass herbicide, Apparent Clethodim 360 Herbicide should be used at the full label rate specified for the target weed species.

Insecticides: Apparent Clethodim 360 Herbicide may be applied in tank mixtures with the following products: alpha-cypermethrin and omethoate.

Apparent Clethodim 360 Herbicide should not be applied in tank mixtures with diflufenican, bentazone or acifluorfen. Apply as separate applications.

For information on compatibility of products not listed, please refer to AIRR Apparent Pty Ltd.