



Product Name: Albaugh Icasso 240 Herbicide
APVMA Approval No: 80906/141767

Label Name:	Albaugh Icasso 240 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:	ACTIVE CONSTITUENT: 240 g/L CLETHODIM SOLVENT: 663 g/L LIQUID HYDROCARBONS
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Mode of Action:	GROUP 1 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 soy beans as per the Directions for Use Table in the attached booklet
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Net Contents:	1L, 5L, 10L, 20L, 60L, 110L
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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 Albaugh Icasso 240 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>HARVEST: CANOLA, CHICKPEAS, COTTON, FAB A BEANS, FIELD PEAS, LENTILS, LUPINS, MUNG BEANS, PEANUTS, SOYBEANS: WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED FORESTRY: WITHHOLDING PERIOD 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. GRAZING: CANOLA, CHICKPEAS, FAB A BEANS, FIELD PEAS, LENTILS, LUPINS, MUNG BEANS, PEANUTS, 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 STOCKFEED.</p>
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Trade Advice:	
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General Instructions:	<p>GENERAL INSTRUCTIONS</p> <p>CLEANING SPRAY EQUIPMENT Before using Albaugh Icasso 240 Herbicide ensure that recommended clean out procedure for the previous product (particularly sulfonylurea herbicides) sprayed with the equipment was done properly. After using Albaugh Icasso 240 Herbicide empty the spray tank and drain the whole system. Thoroughly wash inside of tank using a pressure hose, drain the tank and clean all filters in the tank, pump line and nozzles. Use of a household cleaning detergent will aid in 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 into a designated disposal area, or if this is unavailable unused land away from desirable plants and water sources.</p> <p>MIXING To ensure even mixing, half-fill the spray tank with clean water and add the required amount of product. Add spray additive and agitate thoroughly, then add the remainder of the water. Agitate again before spraying commences.</p> <p>APPLICATION</p> <p>Ground Application Albaugh Icasso 240 Herbicide should be applied with calibrated spray equipment producing a median droplet range of 200 go 300 microns VMD. Apply in a minimum of 50 litres of water per hectare. Use 150 L/ha when spraying dense populations.</p> <p>Aerial Application Albaugh Icasso 240 Herbicide can be applied through aircraft fitted with boom or Micronair equipment. A spray volume of 20 to 30 L/ha is recommended and equipment should be adjusted to deliver droplets in the range of 200 to 250 microns VMD. 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</p> <p>CAUTION Ornamentals and Trees – While Albaugh Icasso 240 Herbicide is generally selective to broadleaved plants (i.e. it is active against grasses), tests should always be made on a smaller number</p>
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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.

**Resistance
Warning:**

Albaugh Icasso 240 Herbicide is a member of the cyclohexanedione group of herbicides. Albaugh Icasso 240 Herbicide has the inhibitor of acetyl coA carboxylase mode of action. For weed resistance management Albaugh Icasso 240 Herbicide is a Group 1 Herbicide. Some naturally occurring weed biotypes resistant to Albaugh Icasso 240 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 Albaugh Icasso 240 Herbicide or other Group 1 Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Albaugh Asia Pacific Limited accepts no liability for any losses that may result from the failure of Albaugh Icasso 240 Herbicide to control resistant weeds.

Precautions:

Protections:

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS:
DO NOT apply Albaugh Icasso 240 Herbicide if wind is likely to cause drift onto susceptible crops/plants, cropping lands or pastures. Albaugh Icasso 240 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.
PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
DO NOT contaminate streams, rivers or waterways with the product or used containers.

**Storage and
Disposal:**

Store in the closed, original container in a dry, cool, well-ventilated area out of 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 or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty containers 500mm 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.
Envirodrum 110L Mini Bulk Returnable Container:
Store the original Envirodrum in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the Envirodrum with water or foreign matter.
After each use of the product, please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. The Envirodrum remains the property of Albaugh Asia Pacific Limited.

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, face shield or goggles. If product is 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, face shield or goggles and contaminated clothing.

**First Aid
Instructions:**

If poisoning occurs, contact a doctor, or Poisons Information Centre
Phone Australia 131126
If swallowed, do NOT induce vomiting. Give a glass of water.

First Aid Warnings:

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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(1), Lupins#	Canola: DO NOT APPLY after flower buds become visible (green buds). Chickpeas: DO NOT APPLY beyond full flowering. Faba Beans: DO NOT APPLY beyond full flowering. Field Peas: DO NOT APPLY beyond full flowering. Lentils: Apply up to the 7 node/early branching stage of crop growth. Lupins: DO NOT APPLY after 80% of flowers have opened.	Annual ryegrass (<i>Lolium rigidum</i>) Annual phalaris (<i>Phalaris minor</i>)	150 to 500	2-leaf to fully tillered	Qld, NSW, ACT, Vic, Tas, SA, WA only	Always apply with D-C Trate* at 2 L/100 L or Hasten* at 1 L/100 L or Kwickin* at 1 L/100 L or Uptake* at 500 mL/100 L spray volume. The lower rates will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress. See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for mixture recommendations with insecticides, fungicides and other herbicides. (1) Application up to 7-node/early –branching crop growth stage only #Not Queensland	
		Barley grass (<i>Hordeum leporinum</i>), Brome grass (<i>Bromus diandrus</i>), Wild Oats (<i>Avena spp.</i>)	175 to 500				
		Volunteer wheat (<i>Triticum aestivum</i>), Volunteer oats (<i>Avena sativa</i>)	200* to 500* (175 to 500 in WA only)	2 to 5 leaf stage			Qld, NSW, ACT only
		Volunteer barley (<i>Hordeum vulgare</i>)	500				
		Silver grass (<i>Vulpia bromoides</i>) – suppression only	250 to 500	5 leaf to fully tillered			NSW, ACT, Vic, Tas only
		Paradox grass (<i>Phalaris paradoxa</i>)	250 to 500 375 to 500				
Cotton (Qld, NSW and NT only) Peanuts, Mung beans, Soybeans	Cotton: DO NOT APPLY after full flowering (mid bloom). Peanuts: DO NOT APPLY after the pod fill stage of crop development. Mung Beans: DO NOT APPLY after the first flower buds are visible. Soybeans: DO NOT apply after the first flower buds are visible.	Barnyard grass (<i>Echinochloa spp.</i>), Blown grass (<i>Agrostis aveacea</i>), Crowfoot 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 ¹ (<i>Sorghum halepense</i>), Summer grass (<i>Digitaria spp.</i>), Volunteer sorghum (<i>Sorghum spp.</i>)	250 to 375	2 to 5 leaf stage	Qld, NSW, ACT, Vic, WA, NT only	Always apply with D-C Trate at 2 L/100 L or Hasten at 1 L/100 L or Kwickin at 1 L/100 L or Uptake at 500 mL/100 L spray volume. The lower rates will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress. See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for mixture recommendations with insecticides, fungicides and other herbicides. ¹ Only Johnson Grass seedlings germinating from seed will be controlled. Seedlings that appear later as shoots from underground stems will not be controlled, and more than one application may be required to control emerging shoots.	
			375 to 500	5 leaf to fully tillered			
Beetroot, Cabbage, Celery, Lettuce, Potatoes, Onions		Barnyard grass (<i>Echinochloa spp.</i>) Blown grass (<i>Agrostis aveacea</i>), Crowfoot 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 ¹ (<i>Sorghum</i>	250 to 375	2 to 5 leaf stage	All States	Always apply with D-C Trate at 2L/100L or Hasten at 1L/100L or Kwickin at 1L/100L or Uptake at 500mL/100L spray volume. The lower rates 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. 1 Only Johnson Grass	
			375 to 500	5 leaf to fully tillered			

Directions for Use

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	RATE (mL/ha)	STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
		<i>halepense</i>), Summer grass (<i>Digitaria</i> spp), Volunteer sorghum (<i>Sorghum</i> <i>spp.</i>).				seedlings germinating from seed will be controlled. Seedlings that appear later as shoots from underground stems will not be controlled, and more than one application may be required to control emerging shoots.
		Annual ryegrass (<i>Lolium rigidum</i>), Annual phalaris (<i>Phalaris minor</i>)	150 to 500	2-leaf to fully tillered		Always apply with D-C- Trate at 2L/100L or Hasten at 1L/100L or Kwickin at 1L/100L or Uptake at 500mL/100L spray volume. The lower rates 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.
		Barley grass (<i>Hordeum leporinum</i>), Brome grass (<i>Bromus diandrus</i>), Wild Oats (<i>Avena</i> <i>spp.</i>)	175 to 500			
		Volunteer wheat (<i>Triticum aestivum</i>), Volunteer oats (<i>Avena sativa</i>)	200* to 500 *(175 to 500 in WA only)			
		Volunteer barley (<i>Hordeum vulgare</i>)	500			
		Silver grass (<i>Vulpia</i> <i>bromoides</i>) – suppression only (not Qld, WA)	250 to 500			
		Winter grass (<i>Poa</i> <i>annua</i>)	500			
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 spp.</i>), Blown grass (<i>Agrostis aveacea</i>), Brome grass (<i>Bromus diandrus</i>), Crowfoot grass (<i>Eleusine indica</i>), Feathertop Rhodes grass (<i>Chloris virgata</i>), Liverseed grass (<i>Urochloa</i> <i>panicoides</i>), Paradoxa grass (<i>Phalaris paradoxa</i>), Red sprangletop grass (<i>Leptochloa</i> <i>filiformis</i>), Seedling Johnson grass ¹ (<i>Sorghum</i> <i>halepense</i>), Silver grass (<i>Vulpia</i> <i>bromoides</i>) – suppression only (not Qld, WA)), Summer grass (<i>Digitaria spp.</i>), Volunteer sorghum (<i>Sorghum</i> <i>spp.</i>), Volunteer wheat (<i>Triticum aestivum</i>), Volunteer oats (<i>Avena sativa</i>), Volunteer barley (<i>Hordeum vulgare</i>), Winter grass (<i>Poa</i> <i>annua</i>)				

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