CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

ALBAUGH ICASSO 240 HERBICIDE

ACTIVE CONSTITUENT: 240 g/L CLETHODIM
SOLVENT: 663 g/L LIQUID HYDROCARBONS

GROUP 1 HERBICIDE

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
IMPORTANT: READ THE ATTACHED LEAFLET/BOOKLET BEFORE USE

ALBAUGH AUSTRALIA PTY LTD
Level 1, 530 Little Collins Street,
Melbourne VIC 3000
Australia
Tel 03 9909 7183
www.albaugh.com/au

SELECTIVE HERBICIDE

ALBAUGH® your alternative

Directions for Use
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.

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 (*Lolium rigidum*), Annual phalaris (*Phalaris minor*)	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 (*Hordeum leporinum*), Brome grass (*Bromus diandrus*), Wild Oats (*Avena* spp.)	175 to 500			
		Volunteer wheat (*Triticum aestivum*), Volunteer oats (*Avena sativa*)	200* to 500* (175 to 500 in WA only)			
		Volunteer barley (*Hordeum vulgare*)	500			
		Silver grass (*Vulpia bromoides*) – suppression only	250 to 500		NSW, ACT, Vic, Tas only	
		Paradox grass (*Phalaris paradoxa*)	250 to 500 375 to 500	2 to 5 leaf stage 5 leaf to fully tillered	Qld , NSW, ACT only	
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 (*Echinochloa* spp.), Blown grass (*Agrostis aveacea*), Crowsfoot grass (*Eleusine indica*), Feathertop Rhodes grass (*Chloris virgata*), Liverseed grass (*Urochloa panicoides*), Red sprangletop grass (*Leptochloa filiformis*), Seedling Johnson grass[1] (*Sorghum halepense*), Summer grass (*Digitaria* spp), Volunteer sorghum (*Sorghum* spp).	250 to 375 375 to 500	2 to 5 leaf stage 5 leaf to fully tillered	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.
Forestry, non-bearing fruit trees and ornamentals		Annual ryegrass (*Lolium rigidum*), Annual phalaris (*Phalaris minor*), Barley grass (*Hordeum leporinum*), Barnyard grass (*Echinochloa* spp.), Blown grass (*Agrostis aveacea*), Brome grass (*Bromus diandrus*), Crowsfoot grass (*Eleusine indica*), Feathertop Rhodes grass (*Chloris virgata*), Liverseed grass (*Urochloa panicoides*), Paradoxa grass (*Phalaris paradoxa*), Red sprangletop grass (*Leptochloa filiformis*), Seedling Johnson grass[1] (*Sorghum halepense*), Silver grass (*Vulpia bromoides*) – suppression only (not Qld, WA), Summer grass (*Digitaria* spp), Volunteer sorghum (*Sorghum* spp). Volunteer wheat (*Triticum aestivum*), Volunteer oats (*Avena sativa*), Volunteer barley (*Hordeum vulgare*), Winter grass (*Poa annua*)	150 to 500	2-leaf to fully tillered		Apply after plants have recovered from transplant shock and are showing signs of active growth. 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. Use a spray volume of 150 L/ 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. [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 maybe required to control emerging shoots.

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

WITHHOLDING PERIODS:
HARVEST:
CANOLA, CHICKPEAS, COTTON, FABA 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, FABA 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.

GENERAL INSTRUCTIONS

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.

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.

APPLICATION

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.

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.

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 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

GROUP 1 HERBICIDE

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 Australia Pty Ltd accepts no liability for any losses that may result from the failure of Albaugh Icasso 240 Herbicide to control resistant weeds.

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 AUSTRALIA PTY LTD.

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

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

SAFETY DATA SHEET

Additional information is listed in the safety data sheet (SDS) which is available from the supplier and accessible from the Albaugh website albaugh.com/au

TERMS AND CONDITIONS OF SUPPLY, SALE AND USE

Many factors can affect or influence the activity of this product, including, but not limited to: weather and soil conditions, crop variety, treatment timing, water volume, application rates, spraying techniques, crop rotation, regional factors, and the occurrence and development of strains resistant to the active ingredient. Under certain circumstances, changes in activity or crop damage can occur. The manufacturer or supplier is unable to accept liability in these circumstances. All goods supplied by us are of a high grade and we believe them to be suitable for the purpose for which we expressly supply them: but we cannot exercise any control over their mixing, use or application which may affect the performance of the goods. All conditions and warranties statutory or otherwise as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application, or use. These conditions cannot be varied by our staff, agents, or the re-sellers of the product whether or not they supervise or assist in the use of such goods.

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