

Crop	Weeds Controlled	State	Rate	Critical Comments	
Aquatic areas: Farm dams and artificial water bodies	Duck weeds, Red Azolla, Water Hyacinth, Salvinia, Marsilea, Water Lillies, Water Lettuce	All States	DO NOT apply to water bodies from which the product may contaminate natural aquatic areas. DO NOT use treated water for human consumption, livestock watering or irrigation purposes for 10 days after application.		
			5 or 10 L/ha	Apply as an overall spray wetting foliage thoroughly. Clear water as necessary for best results as suspended soil particles interfere with herbicidal action. Use the higher rate for heavy infestations or for deep or dirty water. A repeat application 7 to 14 days later may be necessary for control of dense infestations. Oxygen depletion of decaying weeds may occur, therefore not more than ¼ of the area should be treated at once to ensure adequate oxygen supply for fish.	
			400 mL plus 150 mL Agral per 100 L water	Small areas - spray to wet weeds thoroughly. About 1 ml of product should be sufficient to treat about 1m².	
	Cattail and Pond Weeds	5 L/megaliter water	Apply by injection below the surface or as a surface spray.		
Asparagus	Broadleaf weeds	All States	1.4 L/ha plus 800 mL Agral in 400 L water	Apply to control seedling weeds before the spears have emerged	
Hops	Annual broadleaf and grass weeds	Vic and Tas only	700 mL to 1.4 L/ha^ may be mixed with 1.1 kg Simazine granules	Apply as a directed inter-row spray prior to crop emerging from winter dormancy, using a minimum of 250 L/ha spray volume to ensure good and even coverage of weeds.	
Infested areas	Cotton Thistle (<i>Onopordum acanthium</i>)	Tas only	300 mL/ha plus 150 mL Agral in 100L water	Spot spray at the rosette stage before the entire centre shoot is 15 cm tall. The spray should be applied to give complete wetting of the leaf surface. DO NOT use a lower rate or treat at a later growth stage.	
	Saffron Thistle	All States	2.8 L/ha plus 1 L Agral in 200 L water/ha	Apply as an overall treatment to prevent seeding. Alternatively spot spray on the same basis.	
Lucerne	Capeweed and <i>Erodium</i> spp.	All States	350 mL/ha^ in 200L water	Early Autumn application	Heavy grazing is necessary to reduce Lucerne to 2 cm in height before spraying.
			700 mL/ha^ in 200 L water	Early Winter application	
Oil seed poppies	Weed Control	Tas only	300 mL to 1.4 L/ha	Use in accordance with recommendations made by the Department of Primary Industries of the poppy contracting company. DO NOT add Agral or any other wetting agent to the spray solution.	

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Pasture Renovation and establishment	Capeweed and <i>Erodium</i> spp. (Storksbill)	All States	750 mL to 940 mL/ha plus Agral in a minimum of 100 L water	Apply by boom spray as an overall spray on ‘run-down’ pasture after heavy grazing. Pasture should not be greater than 4 cm long when sprayed. Grazing should be carried out during previous spring, summer and early autumn. Where Capeweed is in the very young seedling stage (2 or 3 true leaves only), rates may be reduced to 350 ml/ha. Where Capeweed infestation is high, oversowing with new pasture seed by direct drilling is advisable. Direct drill 3 to 7 days after spraying using a pasture mixture suitable to district.	
Berries and other small fruit (except grapes)	Broadleaf weeds	All States	1.4 L/ha^	Seedling weeds	Apply as a blanket spray prior to crop emergence. Once crops have emerged, or seedlings have been transplanted, apply as a shielded spray between crop rows. Do not allow spray to contact any part of the crop.
Broccoli, head cabbages, cauliflower and Chinese cabbage (type Pe-tsai)					
Bulb onions					
Fruiting Vegetables: other than cucurbits					
Cucumbers					
Leafy vegetables					
Legume vegetables					
Root and tuber vegetables					
Wheat and Oats	Capeweed	QLD, NSW, Vic, Tas, SA only	550 mL/ha in 200 L water	Small seedlings	DO NOT add wetting agent. Spray when the crop is between the 4 (Wheat) or 3 (Oats) leaf and early tillering stage.
^ WETTING AGENT: Add Agral at a rate of 200 mL/100L or Imtrade Penetrate Wetter at 160 mL/100L of prepared spray unless otherwise specified.					

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

WITHHOLDING PERIODS

GRAZING:

DO NOT GRAZE OR CUT SPRAYED VEGETATION FOR STOCK FOOD FOR 1 DAY AFTER APPLICATION

HARVEST:

BERRIES AND OTHER SMALL FRUITS, HOPS, BROCCOLI, CAULIFLOWER, HEAD CABBAGE, CHINESE CABBAGE, BULB ONIONS, FRUITING VEGETABLES (OTHER THAN CUCURBITS), CUCUMBERS, LEAFY VEGETABLES, LEGUME VEGETABLES, ROOT AND TUBER VEGETABLES, WHEAT AND OATS: **NOT REQUIRED WHEN USED AS DIRECTED**
POPPIES: **DO NOT HARVEST FOR 2 DAYS AFTER APPLICATION**

Trade Advice:

EXPORT OF TREATED PRODUCE

Growers should note that MRLs or import tolerances do not exist in all markets for edible produce treated with Albaugh Algedi 200 SL Herbicide. If you are growing edible produce for export, please check with Albaugh Australia Pty Ltd for the latest information on MRLs and import tolerances BEFORE using Albaugh Algedi 200 SL Herbicide.

GENERAL INSTRUCTIONS

Albaugh ALGEDI 200 SL Herbicide is an aqueous solution of diquat, a non-volatile herbicide with unique properties. It very quickly kills green growth with which it comes into contact and is particularly effective against broadleaved weeds. It is inactivated in contact with the soil and crop roots and seeds below the soil remain unharmed. It can be safely applied around bushes and trees which have no green bark. It is non-volatile, easily mixed with water and active at low concentrations.

MIXING: Add the required quantity of Albaugh ALGEDI 200 SL Herbicide to water in the spray tank and agitate to give even mixing. Agitate again if left standing. Use clean water only, as suspended soil particles in dirty water will interfere with herbicidal action.

WETTING AGENT: Albaugh ALGEDI 200 SL Herbicide contains no wetting agent, and a non-ionic wetting agent must be added to the spray mixture unless otherwise specified. Add Agral at the rate of 200 mL/100L or Imtrade Penetrate Wetter at 160 mL/100L of prepared spray unless otherwise specified.

APPLICATION: For best results an even and complete coverage and good penetration of the spray into the target foliage is necessary. Best results will be obtained when application is made in dull weather or at the end of the day. Albaugh ALGEDI 200 SL Herbicide is rapidly absorbed and is not affected by rain falling shortly after application.

APPLICATION RATES: Paraquat 250 g/l herbicide is preferred where grasses are dominant and Albaugh ALGEDI 200 SL Herbicide where there are mainly broadleaf weeds.

BOOM SPRAYING: A boom sprayer fitted with flat fan nozzles is preferred to ensure even coverage and to minimise drift. The boom should be set at sufficient height above the crop to provide a complete double overlap of the flat spray pattern. Spray drop arms on booms are useful for dense crops. A minimum spray volume of 100 L/ha is recommended. Aim for spray droplets not smaller than a MEDIUM spray droplet size.

HIGH VOLUME SPOT SPRAYING: Hand-held equipment - use 250 mL of product per 100 L of water and spray to visible wetness (about 700-1000 L/ha).

AERIAL APPLICATION: Flying height, pressure, nozzle size and positioning on the aircraft should be such as to minimize spray drift. Apply 30 to 60 L of spray per hectare. Avoid spraying in high winds or under temperature inversion conditions. Wash any spillage during filling of the aircraft and make sure there are no leaks in the spraying system.

Inspect the aircraft regularly for signs of corrosion and ensure the paintwork is in good condition.

CAUTION-USE BY AIRCRAFT: Although this product is no different in drift behaviour from other chemicals, it has rapid spotting effect on green foliage and, as with all herbicides, special care must be taken to avoid drift into adjacent crops. Aircraft operators must not apply during periods of thermal (temperature) instability and should avoid wind conditions and flying heights conducive to drift.

WEED CONTROL IN BERRIES AND OTHER SMALL FRUIT (EXCEPT GRAPES), BROCCOLI, HEAD CABBAGES, CAULIFLOWER AND CHINESE CABBAGE (TYPE PE-TSAI), BULB ONIONS, FRUITING VEGETABLES: OTHER THAN CUCURBITS, CUCUMBERS, LEAFY VEGETABLES, LEGUME VEGETABLES, ROOT AND TUBER VEGETABLES:

Pre-planting and pre crop emergence: To control weeds in seed beds before sowing, or post-sowing pre-crop emergence, apply as a blanket spray with this product using boom spray equipment or knapsack sprayers.

Post-emergence inter-row weed control: Use shielded nozzles for rapid control of weeds in inter-row spaces of row crops, after seedlings have emerged, or when transplanted crops are established. Direct spray so that it does not touch the crop.

RESISTANCE WEEDS WARNING

GROUP 22 HERBICIDE

Albaugh ALGEDI 200 SL Herbicide is a member of the bipyrldyl group of herbicides. The product has the inhibitor of photosynthesis at photosystem I mode of action. For weed resistance management, the product is a Group 22 Herbicide. Some naturally-occurring weed biotypes resistant to the product and other inhibitors of Group 22 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. The resistant weeds will not be controlled by this product or other inhibitors of Group 22 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 this product to control resistant weeds.

RE-ENTRY PERIOD:

DO NOT allow entry to treated areas until the spray has dried unless using an enclosed cab or wearing cotton overalls and gloves. Workers performing scouting and irrigation activities must comply with the re-entry periods specified below.

Rate	Activity	
	Scouting	Irrigation
Up to 700 mL/ha	0	0
Up to 1.4 L/ha	0	0
Up to 2.8 L/ha	1	7
Up to 4 L/ha	4	9

PROTECTION OF LIVESTOCK

Domestic pets and poultry - keep away from treated areas.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life.

DO NOT contaminate wetlands or watercourses with this product or used containers.

Toxic to birds. However, the use of this product as directed is not expected to have adverse effects on birds.

Toxic to beneficial foliar arthropods. Not compatible with integrated pest management (IPM) programs utilising beneficial foliar arthropods. Minimise spray drift to reduce harmful effects on beneficial foliar arthropods in non-crop areas.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight.

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Very dangerous, particularly the concentrate. Do not swallow. The product, particularly the concentrate, can kill if swallowed, absorbed through the eyes or absorbed by skin contact. The liquid can cause burns particularly to the eyes. Will irritate the nose, throat and skin. When handling, do not touch or rub eyes, nose or mouth with hand. Avoid contact with eyes and skin, open wounds and clothing. Protect eyes while using.

If clothing becomes contaminated with product or with wet spray remove clothing immediately. Do not inhale spray mist. Do not allow children to play with containers or any equipment that is used.

When connecting, disconnecting and cleaning equipment wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat, impervious footwear, elbow-length chemical resistant gloves and a full face-piece respirator with canister specified for paraquat/diquat OR half face-piece respirator with canister specified for paraquat/diquat and face shield or goggles.

When applying by hand wand wear cotton overalls, over normal clothing, buttoned to the neck and wrist and a washable hat, impervious footwear, elbow-length chemical resistant gloves and a full face-piece respirator with a canister specified for paraquat/diquat.

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, respirator (and if rubber wash with detergent and warm water), clothing and footwear.

FIRST AID INSTRUCTIONS

If poisoning occurs, get to a doctor or hospital quickly. If sprayed on skin, wash thoroughly. If sprayed in mouth, rinse mouth with water. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

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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