

POISON

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

ALBAUGH DITTO SELECTIVE HERBICIDE

ACTIVE CONSTITUENT: 240 g/L CLODINAFOP-PROPARGYL
60 g/L CLOQUINTOCET-MEXYL
SOLVENTS: 575 g/L LIQUID HYDROCARBONS
100 g/L N-METHYL-2-PYRROLIDONE


GROUP


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HERBICIDE

For the control of Wild Oats, Paradoxa Grass (Annual Phalaris), Canary Grass and Annual Ryegrass in Wheat. Highly active on Wild Oats and can be mixed with many broadleaf herbicides.
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 if rainfall is expected within 2 hours.

DO NOT apply to weeds or crops which are under stress. For example, due to very dry, very wet, frosty or diseased conditions, nutrient deficiency or high insect pressure.

DO NOT apply to weeds or crops immediately after a prolonged period of frosts.

DO NOT apply under poor growing conditions.

CROP	WEEDS CONTROLLED	STATE	RATE PER HECTARE	WEED GROWTH STAGE	CRITICAL COMMENTS
Wheat 2 leaf to late jointing (Zadocks 12-37)	Wild Oats	Qld, Nthn NSW only	65 mL+ 1 L of D-C- Trate oil or 500 mL Hasten or Uptake oil per 100 L of water.	2 to 5 leaf	NOT TO BE MIXED WITH BROADLEAF HERBICIDES AT THESE RATES Apply at 85 mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum Oil Volumes). Cold water: Under cold water conditions (10°C or less), use Hasten instead of D-C-Trate or Uptake.
			85 mL+ 1 L of D-C- Trate oil or 500 mL Hasten or Uptake oil per 100 L of water.	2 leaf to mid tillering	
			85 mL+ 1 L of D-C- Trate oil or 500 mL Hasten or Uptake oil per 100 L of water.	2 to 5 leaf	MAY BE TANK MIXED WITH COMPATIBLE HERBICIDES Apply in mixtures for broadleaf weed control only when weeds are actively growing. When mixing Albaugh Ditto Selective Herbicide with certain broadleaf weed herbicides some reduction in grass weed control may occur. Unless otherwise specified always use D-C Trate, Uptake or Hasten when tank mixing broadleaf herbicides. Apply at 125 mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum Oil Volumes). Cold water: Under cold water conditions (10°C or less), use Hasten instead of D-C-Trate or Uptake.
			125 mL+ 1 L of D-C- Trate oil or 500 mL Hasten or Uptake oil per 100 L of water.	2 leaf to mid tillering	
		Sthn NSW, Vic, SA, WA only	65 mL+ 1 L of D-C- Trate oil or 500 mL Hasten or Uptake oil per 100 L of water. Or 100 mL of a 100% non-ionic surfactant per 100 L of water.	2 to 5 leaf	MAY BE TANK MIXED WITH COMPATIBLE HERBICIDES Apply in mixtures for broadleaf weed control only when weeds are actively growing. When mixing Albaugh Ditto Selective Herbicide with certain broadleaf weed herbicides some reduction in grass weed control may occur. Refer to compatibility chart for specific rates for tank mixes.
			85 mL + 1 L of D-C- Trate oil or 500 mL Hasten or Uptake oil per 100 L of water. Or 100 mL of a 100% non-ionic surfactant per 100 L of water.	2 leaf to mid tillering	Unless otherwise specified always use D-C Trate, Uptake or Hasten when tank mixing broadleaf herbicides. Apply at 85 mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum Oil Volumes). Cold water: Under cold water conditions (10°C or less), use Hasten instead of D-C-Trate or Uptake.
	Paradoxa Grass (<i>Phalaris paradoxa</i>), Canary Grass (<i>Phalaris minor</i>)	Qld, NSW, Vic, SA only	85 mL + 1 L of D-C Trate oil or 500 mL Hasten or Uptake per 100 L of water.	2 to 3 leaf	NOT TO BE MIXED WITH BROADLEAF HERBICIDES AT BELOW 160 mL/ha Apply in mixtures for broadleaf weed control only when weeds are actively growing. When mixing Albaugh Ditto Selective Herbicide with certain broadleaf weed herbicides some reduction in grass weed control may occur.
			125 mL + 1 L of D-C- Trate oil or 500 mL Hasten or Uptake per 100 L of water.	2 to 5 leaf	Apply at 160 mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum Oil Volumes). Cold water: Under cold water conditions (10°C or less), use Hasten instead of D-C-Trate or Uptake
			160 mL + 1 L of D-C- Trate oil or 500 mL Hasten or Uptake per 100 L of water.	2 leaf to early tillering	
	Annual Ryegrass	NSW, Vic, SA, WA only	160 mL + 1 L of D-C-Trate oil or 500 mL Hasten or Uptake per 100 L of water.	2 to 4 leaf	MAY BE TANK MIXED WITH COMPATIBLE HERBICIDES Apply in mixtures for broadleaf weed control only when weeds are actively growing. When mixing Albaugh Ditto Selective Herbicide with certain broadleaf weed herbicides some reduction in grass weed control may occur. Apply at 210 mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum Oil Volumes). Cold water: Under cold water conditions (10°C or less), use Hasten instead of D-C-Trate or Uptake.
			210 mL + 1 L of D-C-Trate oil or 500 mL Hasten or Uptake per 100 L of water.	2 leaf to early tillering	

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

Withholding Periods:

HARVESTED GRAIN: WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED.

ANIMAL GRAZING/FEEDING: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION.

GENERAL INSTRUCTIONS

Albaugh Ditto Selective Herbicide should be applied only when weeds are actively growing.

MIXING

Fill the spray tank to one quarter full. Then add Albaugh Ditto Selective Herbicide while adding water to make up the final spray volume. Pour Albaugh Ditto Selective Herbicide into the stream of incoming water. Good agitation at the time Albaugh Ditto Selective Herbicide is added to the tank will ensure good mixing. Add the required amount of D-C-Trate*, Hasten* or Uptake* oil just before the tank is full of water and with the agitators in motion.

Mixing order

Some products may react with other products if they are not mixed in the correct order. The general mixing order of products should be –

- 1. Water conditioners or buffers
- 2. Water dispersible granules (WG)
- 3. Wettable powders (WP)
- 4. Flowable or suspension concentrates (SC)
- 5. Emulsifiable concentrates (EC) (Albaugh Ditto Selective Herbicide)
- 6. Water based or soluble concentrates
- 7. Oils and wetters - eg Hasten, BS 1000

It is important to ensure that each individual component of the tank mix is fully dissolved and in solution before the next product is added to the tank mix, otherwise mixing problems may occur.

Minimum Oil Volumes

The minimum amount of oil to be applied with Albaugh Ditto Selective Herbicide will depend on the type of oil used. When applying Albaugh Ditto Selective Herbicide using low water volumes, DO NOT use less than the minimum oil volumes specified below:

- For oils normally applied at 1% v/v (eg D-C-Trate), DO NOT apply less than 500 mL oil/ha.
- For oils normally applied at 0.5% v/v (eg Uptake, Hasten), DO NOT apply less than 250 mL oil/ha.

CLEANING SPRAY EQUIPMENT

After using Albaugh Ditto Selective Herbicide, empty the tank completely and drain the whole system. Thoroughly wash inside the tank using a pressure hose, drain the tank and clean any filters in the tank, pump, line and nozzles.

To rinse:

After cleaning the tank as above, quarter fill the tank with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

To decontaminate:

Before spraying cereals (except wheat), maize, sorghum or other sensitive crops, wash the tank and rinse the system as above. Drain and repeat the rinsing procedure. Then quarter fill the tank and add a liquid alkali detergent (eg SURF*, OMO*, DRIVE*) at 0.5 L/100 L of water and circulate throughout the system for at least fifteen minutes. Drain the whole system. Remove the filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain. Dispose of all water used for cleaning in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots.

APPLICATION

Ground Application: Boom spray with flat fan nozzles. Ensure good spray coverage is obtained. Apply using 50 to 110 L water per hectare. The ideal droplet size is 200 to 300 microns VMD.

Aircraft Application: For best results use 20 to 30 L water per hectare and spray at 2 m to 3 m above the crop. Ideal droplet size is 250 to 350 microns VMD. For rotary atomizers (micronairs) this can be achieved using blade angles of 55° to 65°. Where booms and nozzles are attached, flat fan nozzles with a spray angle of 65° to 90° should be used.

Avoid applying Albaugh Ditto Selective Herbicide if wind speeds are greater than 5 m/s. If spraying in calm conditions use larger droplets and reduce flying height.

RESISTANCE WARNING

GROUP	1	HERBICIDE
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Albaugh Ditto Selective Herbicide is a member of the aryloxyphenoxypropionate (“fop”) group of herbicides. The product has the inhibition of fat (lipid) synthesis, (or inhibitors of acetyl CoA carboxylase) mode of action. For weed resistance management, the product is a Group 1 herbicide.

Some naturally occurring weed biotypes resistant to the product 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 this product 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 this product to control resistant weeds.

RE-ENTRY PERIOD

DO NOT enter treated areas without protective clothing until the spray has dried.

PROTECTION OF CROPS, NATIVE AND OTHER NON - TARGET PLANTS

DO NOT apply on or near shrubs, trees, lawns or crops other than wheat. DO NOT drain or flush equipment on or near desirable trees or other plants, where their roots may extend, or in situations where by movement of soil or by seepage absorption of the herbicide may occur. DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray to drift onto nearby susceptible plants, adjacent crops, crop lands or pastures. DO NOT allow spray to drift onto adjacent fallow land.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT apply to irrigation drains or channels. DO NOT contaminate dams, streams, creeks and rivers with the chemical, spray mixture, used containers or equipment washings.

STORAGE AND DISPOSAL

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, 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

Harmful if swallowed. Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid inhaling spray mist. Avoid contact with eyes and skin. When opening the container, preparing spray and using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), a washable hat, elbow-length butyl rubber gloves and face shield or goggles. If product gets on skin, immediately wash area with soap and water. If product gets 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 131 126. If swallowed, do NOT induce vomiting. Give a glass of 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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