

CAUTION

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

Agro-Essence Tri-allate 500 Herbicide

ACTIVE CONSTITUENT: 500 g/L TRI-ALLATE
SOLVENT: 471 g/L LIQUID HYDROCARBON

GROUP	J	HERBICIDE
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For the control of wild oats in wheat, triticale, chickpeas, barley, peas, linseed, lupins, canola (rapeseed), faba beans and safflower as per the Directions for Use

THIS LEAFLET IS PART OF THE LABEL, READ THOROUGHLY BEFORE USE

APVMA Approval No.: 67429/56022

Agro-Alliance (Australia) Pty Ltd
ABN: 11 130 864 603
2 Mavron Street
Ashwood VIC 3147
Ph: 03 8644 2677
Fax: 03 9807 3883
Email: info@agroalliance.com.au

DIRECTIONS FOR USE

Crop	Weeds	States	Rate L/ha	Critical Comments
<p>Barley, Triticale, Wheat</p> <p>Chickpeas, Faba beans, Lupins, Peas</p> <p>Linseed, Canola, Safflower</p>	<p>Wild Oats</p>	<p>All states</p>	<p>1.6L</p>	<p>Apply immediately prior to or up to 3 weeks before sowing to a friable seedbed under conditions, which will allow for the incorporation of the product to a depth of 2 to 4 cm with either a single or double pass of suitable incorporation equipment (see incorporation). A delay of 1 week between application and planting is recommended for Linseed.</p> <p>COMPLETE AND UNIFORM INCORPORATION OF AGRO_ESSENCE TRI-ALLATE IS ESSENTIAL FOR WEED CONTROL.</p> <p>See GENERAL INSTRUCTIONS for details at incorporation.</p> <p>Agro-Essence Tri-allate may be used in crops undersown with legumes.</p> <p>For shallow-sown legume and oil seed crops, complete incorporation by cultivation to a depth of 5cm must be undertaken before planting:</p> <p>Agro-Essence Tri-allate 500 Herbicide may be tank mixed with Chlorsulfuron and Agro-Essence Triasulfuron for control of annual ryegrass, Paradoxa grass and certain broadleaf weeds prior to planting of wheat only.</p> <p>Agro-Essence Tri-allate 500 Herbicide may be tank mixed with Agro-Essence Trifluralin (480g/L) for control of annual ryegrass, annual Phalaris, Paradoxa grass, enhanced control of wild oats (emerging from top 1cm of seedbed) and wireweed. Do not apply less than 1 week prior to planting of wheat, barley, triticale and linseed (do not use the tank mix in Qld). Incorporation of this tank mix should be within 4-5 hours of application. Refer to the Agro-Essence Trifluralin label incorporation details.</p> <p>Read and follow label instructions, restraints, plant-back periods and safety directions for tank mix products.</p>

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

WITHHOLDING PERIOD – HARVEST

NOT REQUIRED WHEN USED AS DIRECTED

WITHHOLDING PERIOD – GRAZING

CEREAL FORAGE: DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 11 WEEKS AFTER APPLICATION

OILSEED FORAGE: DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 13 WEEKS AFTER APPLICATION

PULSE FORAGE: DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 13 WEEKS AFTER APPLICATION

GENERAL INSTRUCTIONS

WEED CONTROL

Agro-Essence Tri-allate normally provides 6 to 8 weeks control of wild oats when the seedbed is moist during the emergence of wild oats. Under very dry soil surface (top 2cm) conditions, wild oats may not be controlled. Wild oats may emerge between application and complete incorporation by sowing particularly if harrows provide initial incorporation. Agro-Essence Tri-allate may not control wild oats which have germinated at the time of application and incorporation if the top 2 cm of soil is dry. Agro-Essence Tri-allate will not control emerged wild oats.

CROP SAFETY

Reduced emergence of cereals and linseed may occur if seed is placed in treated soil layer. Do not plant cereal crops at greater than 5 to 7 cm. Over spraying of headlands or corners may result in crop damage. On heavy clay soils, crop thinning may occur in wheel tracks. Environmental conditions which adversely affect emergence or early crop growth, may predispose crops to injury, particularly where tank mixes with other pre-emergence herbicides are used. Read and follow label directions, restraints, plantback periods and safety directions for tank mix products.

SOIL PERSISTENCE AND FOLLOWING CROPS

Under prolonged and extremely dry conditions Agro-Essence Tri-allate may persist for several months. Damage to field oats and sorghum may occur.

MIXING

Agro-Essence Tri-allate herbicide is an oily concentrate that mixes readily with water. Add the required amount of Agro-Essence Tri-allate to half the required amount of water in the spray tank. Mix thoroughly and add the remaining water.

APPLICATION

Apply to soil in friable condition so that uniform incorporation of the product can be achieved to a depth of 2 to 4 cm. The soil should be free of large clods (>75 mm) and should not have crop or weed residue at a level which will interfere with the free flow of soil through planting equipment providing full soil disturbance. Emerged wild oats should be controlled either by prior cultivation/application of a knockdown herbicide or by the tank mixing of a knockdown herbicide with Agro-Essence Tri-allate.

Apply Agro-Essence Tri-allate by ground sprayer in 30 to 100 litres of water per hectare using a boom spray fitted with flat fan nozzles. Use spraying pressure of approximately 200-240kPa. Avoid application under strong and/or gusty wind conditions. DO NOT apply by aircraft.

INCORPORATION

Two-pass incorporation provides superior weed control to single pass incorporation on heavier textured soils.

- (i) Agro-Essence Tri-allate may be incorporated initially in a suitable cultivated seedbed with either heavy 5 row harrows e.g. Phoenix harrow, or tined cultivator. Final incorporation with a combine or airseeder/cultivator is essential to provide for maximum weed control. Heavy tined harrows or a rotary harrow should trail the planter or follow as a separate operation at an angle to the planter to complete incorporation. Ensure that the soil surface is left free of pronounced ridging.
- (ii) On soils in friable condition, Agro-Essence Tri-allate may be incorporated with the planting operation only up to 24 hours following application onto a dry soil surface or up to 6 hours on moist surface soil. If Agro-Essence Tri-allate has been sprayed on dry soil, and it rains before incorporation is planned, the product must be incorporated within 6 hours to retain its herbicide effectiveness. Planting should be carried out with a combine or airseeder/cultivator that provides full soil disturbance. Heavy tined harrows or a rotary harrow should trail the planter or follow as a separate operation to complete incorporation. Ensure that the soil surface is free of pronounced ridging.

DO NOT operate incorporation equipment at greater than 5 to 7 cm depth.

Where soil is wet at planting, poor incorporation may result. For shallow-sown legume and oil-seed crops, complete incorporation by cultivation to a depth of 5 cm must be undertaken before planting.

Note that point size should be matched to tyne spacing to avoid uneven incorporation. For example, a wideline seeder with 15 cm tyne spacing should be fitted with unworn 15 cm points. A combine with 9 cm spacing should be fitted with an evenly worn set of 10 cm points. Sweeps or other low profile points may not provide satisfactory incorporation.

COMPATIBILITY

Agro-Essence Tri-allate 500 Herbicide is compatible with: Chlorsulfuron, Agro-Essence Triasulfuron, Agro-Essence Trifluralin and Agro-Essence Glyphosate.

RESISTANT WEEDS WARNING

GROUP	J	HERBICIDE
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Agro-Essence Tri-allate 500 Herbicide is a member of the thiocarbamate group of herbicides. Agro-Essence Tri-allate 500 Herbicide has the inhibition of mitosis mode of action. For weed resistance management Agro-Essence Tri-allate 500 is a Group J herbicide.

Some naturally occurring weed biotypes resistant to Agro-Essence Tri-allate 500 and Group J 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 weeds will not be controlled by Agro-Essence Tri-allate 500 or other Group J herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use Agro-Alliance (Australia) Pty Ltd accepted no liability for any losses that may result from the failure of Agro-Essence Tri-allate 500 to control resistant weeds.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

Dangerous to fish. Do not contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

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

Triple or (preferably) pressure 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 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.

Refillable Containers: 1000L

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 sale for refill or storage.

SAFETY DIRECTIONS

Harmful if inhaled or swallowed, will irritate eyes and skin, repeated exposure may cause allergic disorders. Do not inhale spray mist, avoid contact with eyes and skin. When opening the container and mixing, loading and preparing the spray wear cotton overalls, buttoned to the neck and wrist and a washable hat and elbow length PVC gloves, goggles and half face piece respirator. When using the prepared spray wear cotton overalls buttoned to the neck and wrist. If product on skin, immediately wash area with soap and water, if in eyes wash it out

immediately with water. Wash hands after use. 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 on 13 11 26. If swallowed DO NOT induce vomiting. Give a glass of water. Avoid giving alcohol.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet that can be obtained from the supplier.

CONDITIONS OF SALE

The use of Agro-Essence Tri-Allate 500 Herbicide being beyond the control of the manufacturer, no warranty expressed or implied is given by Agro-Alliance (Australia) Pty Ltd regarding its suitability, fitness or efficacy for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Agro-Alliance (Australia) Pty Ltd accepts no responsibility for any consequences whatsoever resulting from the use of this product.