

CAUTION

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

TITAN

Tri-Allate 500

EC Herbicide

ACTIVE CONSTITUENT:

500g/L TRI-ALLATE

SOLVENT: 471g/L LIQUID HYDROCARBON

GROUP **J** HERBICIDE



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 table.

IMPORTANT: READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.

APVMA Approval No.: 65474/52948

CONTENTS: 20L, 110L, 1000L



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IN A TRANSPORT EMERGENCY

DIAL 000

POLICE OR FIRE BRIGADE

TRANSPORT AND HANDLING
NOT A DANGEROUS GOOD
ACCORDING TO THE AUSTRALIAN
DANGEROUS GOODS (ADG) CODE
FOR TRANSPORT BY ROAD AND RAIL.

DIRECTIONS FOR USE IN ALL STATES

CROP	WEEDS CONTROLLED	RATE	CRITICAL COMMENTS
Barley, Triticale, Wheat Chickpeas, Faba Beans, Lupins, Peas Linseed, Canola, Safflower	Wild Oats	1.6L	<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 4cm 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 TITAN TRI-ALLATE 500 EC HERBICIDE IS ESSENTIAL FOR WEED CONTROL.</p> <p>See GENERAL INSTRUCTIONS for details of incorporation.</p> <p>TITAN Tri-Allate 500 EC Herbicide may be used in crops under sown with legumes. For shallow-sown legumes and oil seed crops, complete incorporation by cultivation to a depth of 5cm must be undertaken before planting.</p> <p>TITAN Tri-Allate 500 EC Herbicide may be tank mixed with TITAN Chlorsulfuron 750 WG Herbicide or TITAN Triasulfuron 750 WG Herbicide for control of Annual Ryegrass, Paradoxa Grass and certain broadleaf weeds prior to planting of wheat only.</p> <p>TITAN Tri-Allate 500 EC Herbicide may be tank mixed with TITAN Trifluralin 480 Herbicide for control of Annual Ryegrass, Annual Phalaris, Paradoxa Grass, enhanced control of Wild Oats (emerging from top 1cm of seedbed) and Wireweed.</p> <p>DO NOT apply less than 1 week prior to planting of wheat, barley, triticale and linseed (DO NOT use the tank mix in Qld).</p> <p>Incorporation of this tankmix should be within 4-5 hours of application. Refer to the TITAN Trifluralin 480 Herbicide label incorporation details. Read and follow label instructions, 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 PERIODS:

HARVEST - NOT REQUIRED WHEN USED AS DIRECTED.

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

TITAN Tri-Allate 500 EC Herbicide 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 initial incorporation is provided by harrows.

TITAN Tri-Allate 500 EC Herbicide may not control Wild Oats, which have germinated at the time of application and incorporation if the top 2cm of soil is dry. TITAN Tri-Allate 500 EC Herbicide 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 7cm.

Overspraying 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, plant-back periods and safety directions for tank mix products.

SOIL PERSISTENCE AND FOLLOWING CROPS

Under prolonged and extremely dry conditions TITAN Tri-Allate 500 EC Herbicide may persist for several months. Damage to field oats and sorghum may occur.

MIXING

TITAN Tri-Allate 500 EC Herbicide is an oily concentrate that mixes readily with water. Add the required amount of TITAN Tri-Allate 500 EC Herbicide 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 4cm. The soil should be free of large clods (>75mm) 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 TITAN Tri-Allate 500 EC Herbicide.

Apply TITAN Tri-Allate 500 EC Herbicide by ground sprayer in 30 to 100L of water per hectare using a boomspray 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) TITAN Tri-Allate 500 EC Herbicide may be incorporated initially in a suitable cultivated seedbed with either heavy 5 row harrows eg. Phoenix harrow or tined cultivator. Final incorporation with a combine or airseed/cultivator is essential to provide for maximum weed control. Heavy tined harrows or a rotary harrow should trail the planter for 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, TITAN Tri-Allate 500 EC Herbicide 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 TITAN Tri-Allate 500 EC Herbicide has been sprayed on dry soil, and it rains before incorporation is planned, the product must be incorporated with 6 hours to retain its herbicide effectiveness. Planting should be carried out with a combine or airseed/cultivator which 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 7cm 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 5cm 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 15cm tyne spacing should be fitted with unworn 15cm points. A combine with 9cm spacing should be fitted with an evenly worn set of 10cm points. Sweeps or other low profile points may not provide satisfactory incorporation.

COMPATIBILITY

TITAN Tri-Allate 500 EC Herbicide is compatible with TITAN Chlorsulfuron 750 WG Herbicide, TITAN Triasulfuron 750 WG Herbicide, TITAN Trifluralin 480 Herbicide, Roundup* CT, Roundup* Dry, Yield*, Monza*, Roundup* Max, Glyphosate* CT, Credit* and Bonus*, Weedmaster Duo*.

RESISTANT WEEDS WARNING

TITAN Tri-Allate 500 EC Herbicide is a member of the thiocarbamate group of herbicides. TITAN Tri-Allate 500 EC Herbicide has the inhibition of mitosis mode of action. For weed resistance management TITAN Tri-Allate 500 EC Herbicide is a Group J herbicide. Some naturally occurring weed biotypes resistant to TITAN Tri-Allate 500 EC Herbicide and other 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 resistant weeds will not be controlled by TITAN Tri-Allate 500 EC Herbicide or other Group J herbicides.

Since occurrence of resistant weeds is difficult to detect prior to use, TITAN AG Pty Ltd accepts no liability for any losses that may result from the failure of TITAN Tri-Allate 500 EC Herbicide 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, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish. DO NOT contaminate dams, rivers or streams with TITAN Tri-Allate 500 EC Herbicide or used containers.

STORAGE AND DISPOSAL

20L: Store in the closed, original container in a 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

110L: Store in the original sealed 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 drum with water or any water or any other foreign matter. After each use of the product, please ensure the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the drum have been used, please return the empty drum to the point of purchase. The drums remain the property of TITAN AG Pty Ltd.

1000L: Store in the closed original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use then the integrity of this product cannot be assured. If this occurs TITAN AG Pty Ltd should be notified immediately. This minibulk/bulk container is reusable and remains the property of TITAN AG Pty Ltd. DO NOT rinse empty container. Empty contents fully into application equipment. Close all valves and return to the point of supply for refill or storage. No other liquid, solid or pesticide product should be put into it. When empty return to TITAN AG Pty Ltd for cleaning, relabelling and refilling.

SAFETY DIRECTIONS

May irritate the eyes and skin. Avoid contact with eyes, skin and clothing. DO NOT inhale spray mist. When preparing spray, wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves and face shield or goggles. If product on skin, immediately wash area with soap and 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 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 (MSDS). A material safety data sheet for TITAN Tri-Allate 500 EC Herbicide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9986 2943 or visit www.titanag.com.au

CONDITIONS OF SALE: TITAN AG Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on TITAN AG's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of TITAN AG Pty Ltd has any authority to add to or alter these conditions.

* Other trademarks

BATCH NO:
DATE OF
MANUFACTURE: