

Product Name: GENFARM TRIALLATE GOLD 500 SELECTIVE HERBICIDE
APVMA Approval No: 61390/131702



Label Name:	GENFARM TRIALLATE GOLD 500 SELECTIVE HERBICIDE
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Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	ACTIVE CONSTITUENT: 500 g/L TRIALLATE SOLVENT: Maximum 504g/L HYDROCARBON LIQUID
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Mode of Action:	GROUP 15 HERBICIDE
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Statement of Claims:	For the control of Wild oats in Wheat, Triticale, Chickpeas, Barley, Peas, Linseed, Lupins, Canola (Rapeseed), Mustard, Faba beans, Safflower and control of Ryegrass in Oil seed poppy as per Directions for Use.
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Net Contents:	20 L - 1000 L
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Restrains:	<p>RESTRAINTS DO NOT apply by aircraft.</p> <p>SPRAY DRIFT RESTRAINTS Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift DO NOT allow bystanders to come into contact with the spray cloud. DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas. DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application. DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions</p>
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	exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.
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Directions for Use:	This section contains file attachment.
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Other Limitations:	
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Withholding Periods:	<p>HARVEST: Not required when used as directed.</p> <p>GRAZING: WHEAT, BARLEY, TRITICALE, CANOLA AND MUSTARD FORAGE, HAY AND FAILED CROPS: DO NOT graze or cut for stockfood for 12 weeks after application. Following observation of the 12 week withholding period, DO NOT send animals to slaughter that have consumed treated forage, hay and failed crops UNLESS they are first placed on clean feed for 28 days before leaving the farm. The clean feed interval does NOT apply to grazing of post-harvest stubble.</p> <p>CHICKPEA, FAB A BEAN, LUPIN, PEA, LINSEED AND SAFFLOWER FORAGE AND FODDER: DO NOT graze or cut for stock food for 13 weeks after application.</p> <p>OIL SEED POPPY: Do not graze or cut for stock food.</p>
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Trade Advice:	
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General Instructions:	<p>GENERAL INSTRUCTIONS</p> <p>WEED CONTROL GENFARM TRIALLATE GOLD 500 SELECTIVE 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. GENFARM TRIALLATE GOLD 500 SELECTIVE HERBICIDE may not control wild oats which have germinated at the time of application and incorporation if the top 2 cm of soil is dry. GENFARM TRIALLATE GOLD 500 SELECTIVE HERBICIDE will not control emerged wild oats.</p> <p>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. 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.</p> <p>SOIL PERSISTENCE AND FOLLOWING CROPS Under prolonged and extremely dry conditions GENFARM TRIALLATE GOLD 500 may persist for several months. Damage to field oats and sorghum may occur.</p> <p>MIXING</p>
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GENFARM TRIALLATE GOLD 500 herbicide is an Emulsifiable Concentrate that mixes readily with water. Add the required amount of GENFARM TRIALLATE GOLD 500 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 GENFARM TRIALLATE GOLD 500.

Apply GENFARM TRIALLATE GOLD 500 by ground sprayer in 30 to 100 litres 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. GENFARM TRIALLATE GOLD 500 may be incorporated initially in a suitable cultivated seedbed with either heavy 5 row harrows e.g. Phoenix harrow, or tyned cultivator. Final incorporation with a combine or airseeder/cultivator is essential to provide for maximum weed control. Heavy tyned 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, GENFARM TRIALLATE GOLD 500 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 GENFARM TRIALLATE GOLD 500 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 which provides full soil disturbance. Heavy tyned 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

TRIALATE GOLD 500 Is Compatible With: Chlorsulfuron 900, Triasulfuron 750, Trifluralin 480, Oryzalin/Trifluralin 250, Glyphosate, Sulfosulfuron 750, S-Metolachlor 960, Terbutylazine 875, Diuron 900, Simazine, Atrazine, Paraquat 250, Diquat/Paraquat 250. Pyroxasulfone, S-Metolachlor/Prosulfocarb 920, Trifluralin 600, Dimethenamid-P 720 And Non-Ionic Surfactants.

Resistance Warning:

RESISTANT WEEDS WARNING GROUP 15 HERBICIDE

GENFARM TRIALLATE GOLD 500 SELECTIVE HERBICIDE is a member of the thiocarbamate group of herbicides. GENFARM TRIALLATE GOLD 500 SELECTIVE HERBICIDE has the inhibition of mitosis mode of action. For weed resistance management GENFARM TRIALLATE GOLD 500 SELECTIVE HERBICIDE is a Group 15 herbicide.

	<p>Some naturally occurring weed biotypes resistant to GENFARM TRIALLATE GOLD 500 SELECTIVE HERBICIDE and other Group 15 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 GENFARM TRIALLATE GOLD 500 SELECTIVE HERBICIDE or other Group 15 herbicides.</p> <p>Since the occurrence of resistant weeds is difficult to detect prior to use, Nutrien Ag Solutions Limited accepts no liability for any losses that may result from the failure of GENFARM TRIALLATE GOLD 500 SELECTIVE HERBICIDE to control resistant weeds.</p>
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Precautions:	<p>PRECAUTION RE-ENTRY: DO NOT enter treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.</p>
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Protections:	<p>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.</p> <p>PROTECTION OF LIVESTOCK, FISH, CRUSTACEANS AND ENVIRONMENT Dangerous to fish. Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.</p>
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Storage and Disposal:	<p>Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.</p> <p>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.</p> <p>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.</p> <p>For drumMUSTER containers: This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate or any undiluted chemical according to state legislative requirements. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately.</p> <p>For REFILLABLE containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.</p>
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Safety Directions:	<p>Harmful if inhaled or swallowed. Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Do not inhale vapour or spray mist. Avoid contact with eyes and skin. When opening the container, mixing and loading, and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves, goggles, and half face-piece respirator. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length PVC gloves. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out</p>
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immediately with water. Wash hands after use. After each day's use, wash contaminated clothing, gloves, goggles, and respirator (if rubber wash with detergent and warm water).

First Aid Instructions:

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. If swallowed, do NOT induce vomiting.

First Aid Warnings:

DIRECTIONS FOR USE IN ALL STATES

Crop	Weed Controlled	State	Rate L/Ha	Critical Comments
<p>Barley, Triticale, Wheat</p> <p>Chickpeas, Faba beans, Lupins, Peas</p> <p>Linseed, Canola, Safflower, mustard (oilseed cultivars, Brassica juncea)</p>	<p>Wild Oats</p>	<p>All states</p>	<p>1.6 L</p>	<p>For use in full disturbance ('Conventional') seeding systems</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 GENFARM TRIALLATE GOLD 500 IS ESSENTIAL FOR WEED CONTROL. See GENERAL INSTRUCTIONS for details at incorporation.</p> <p>GENFARM TRIALLATE GOLD 500 may be used in crops undersown with legumes. For shallow-sown legume and oil seed crops, complete incorporation by cultivation to a depth of 5cm must be undertaken before planting.</p> <p>GENFARM TRIALLATE GOLD 500 may be tank mixed with Chlorsulfuron 750 or Triasulfuron 750 for control of annual ryegrass, paradoxa grass and certain broadleaf weeds prior to planting of wheat only.</p> <p>GENFARM TRIALLATE GOLD 500 may be tank mixed with Trifluralin 480 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 Genfarm Trifluralin 480 label incorporation details.</p> <p>Read and follow label instructions, restraints, plant-back periods and safety directions for tank mix products.</p>
<p>Wheat, Barley, Triticale and Canola¹, mustard (oilseed cultivars, Brassica juncea)</p>	<p>Annual ryegrass (including Group 3 resistant biotypes)</p> <p>Suppression Soil Surface - Bromegrass (<i>Bromus diandrus</i>)</p>	<p>SA, Vic, NSW, Tas¹ only</p>	<p>3L/ha</p>	<p>For use in no-till/min-till Cropping Systems, Pre-Sowing or Incorporated by Sowing (IBS).</p> <p>Use only with knife/blade points and presswheels - refer to table 13 on Genfarm Trifluralin 480 Herbicide label for method of incorporation. Use the higher rate specified in the rate column on light sandy and sandy loam soils. Avoid soils, which are non-wetting or are likely to become clumpy or cloddy as they may suffer reduced weed control. Use the higher rate specified in the rate column for heavier stubble coverage and high weed density situations. Stubble coverage above 40-50% ground cover can reduce weed control below acceptable levels. Suppression of Brome grass and Barley grass may be reduced in medium to high weed density situations.</p> <p>Use the higher rate specified in the rate column in tank mixtures with Trifluralin 480 for control of group 3 resistant annual ryegrass and group 1 resistant wild oats. Higher rates are likely to provide improved control levels of Brome grass, Wild oats, Cereal oats, Barley grass and Silver grass. Control of deep/late germinating weeds may be reduced.</p> <p>Insufficient incorporation of GENFARM TRIALLATE GOLD 500 will reduce Wild oat control. Control of annual ryegrass may be poor in the first years of practising no till/ min till.</p> <p>Where no till/min till has been practised for at least a few years, a high proportion of wild oat seeds may germinate near the surface. In these circumstances mixing GENFARM TRIALLATE GOLD 500 with Trifluralin 480 may enhance wild oat control.</p> <p>To maintain crop safety attention to sowing speed and soil throw is required. Avoid throwing treated soil into adjacent sowing furrows. This is especially critical at higher use rates and in cereals. Avoid sites that water log or where furrow walls may collapse as crop establishment & vigour may be reduced.</p> <p>Incorporate GENFARM TRIALLATE GOLD 500 alone and GENFARM TRIALLATE GOLD 500 + S-Metolachlor 960 tank mixtures within 48 hours of application and GENFARM TRIALLATE GOLD 500 + Trifluralin 480 tank mixtures within 24 hours of application to ensure the effectiveness of these treatments.</p> <p>The addition of Bouncer Herbicide may improve control of Group 1 and 3 resistant biotypes of Annual Ryegrass.</p> <p>1 DO NOT plant oilseed poppies when a detectable residue of Trifluralin is present in the soil. Levels as low as 0.02 ppm may interact with other unfavourable factors (moisture, stress, disease etc.) to reduce poppy growth and vigour.</p>
	<p>Wild oats (including Group 1 resistant biotypes)</p>	<p>WA, SA, Vic, NSW, Qld, Tas¹ only</p>	<p>3.2L/ha</p>	
	<p>Annual ryegrass (including Group 3 resistant biotypes), Wireweed, Phalaris spp, Fumitory, Wild oats, (including Group 1 resistant biotypes) Cereal oats, Sand fescue (<i>Vulpia fasciculata</i>), Silvergrass (<i>Vulpia bromoides</i>), Wintergrass (<i>Poa annua</i>), Paradoxa grass (Canary grass) (<i>Phalaris paradoxa</i>), Corn gromwell (Sheepweed) (<i>Buglossoides anvensis</i>), Rough poppy (<i>Papaver hybridum</i>)</p> <p>Suppression Soil Surface - Bromegrass (<i>Bromus diandrus</i>), Barleygrass (<i>Hordeum leporinum</i>), Three-cornered Jack (Doublegee) (<i>Emex australis</i>), Caltrop (Yellowvine & Bullhead) (<i>Tribulus terrestris</i>), Yellow burr weed <i>Amsinckia</i> spp, Deadnettle (<i>Lamium amplexicaule</i>), Speedwell (<i>Veronica</i> spp)</p>		<p>1.6-2.4L/ha plus 1.5- 2L/ha Trifluralin 480</p>	

Crop	Weed Controlled	State	Rate L/Ha	Critical Comments
Oil seed poppy	Ryegrass (<i>Lolium spp</i>)	All states	1.6 L / ha	Make one application by boom-spray or equivalent equipment between sowing and emergence in a spray volume of 150 L/ha. Spray should be incorporated into soil by rainfall or irrigation and NOT by physical means.

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