

## CAUTION

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

# TRIALATE GOLD

500 SELECTIVE HERBICIDE

### ACTIVE CONSTITUENT:

500 g/L TRIALLATE

### SOLVENT:

471 g/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 Directions for Use.

IMPORTANT: READ THIS LEAFLET BEFORE USE

**RELYON**

APVMA Approval No:  
89845/126227

## DIRECTIONS FOR USE IN ALL STATES

Crop	Weed Controlled	Rate L/Ha	Critical Comments
<b>Barley, Triticale, Wheat</b> <b>Chickpeas, Faba beans, Lupins, Peas</b> <b>Linseed, Canola, Safflower</b>	Wild Oats	1.6 L	<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 RELYON TRIALLATE GOLD 500 IS ESSENTIAL FOR WEED CONTROL. See GENERAL INSTRUCTIONS for details at incorporation.</p> <p>RELYON 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>RELYON TRIALLATE GOLD 500 may be tank mixed with Huron or Triasulfuron for control of annual ryegrass, paradoxa grass and certain broadleaf weeds prior to planting of wheat only.</p> <p>RELYON 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 Trifluralin 480 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.**

### WITHOLDING PERIOD - HARVEST

**NOT REQUIRED** when used as directed

### WITHOLDING 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

RELYON 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. RELYON 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. RELYON TRIALLATE GOLD 500 SELECTIVE 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 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.

### SOIL PERSISTENCE AND FOLLOWING CROPS

Under prolonged and extremely dry conditions RELYON TRIALLATE GOLD 500 may persist for several months. Damage to field oats and sorghum may occur.

### MIXING

RELYON TRIALLATE GOLD 500 herbicide is an oily concentrate that mixes readily with water. Add the required amount of RELYON 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 RELYON TRIALLATE GOLD 500.

Apply RELYON 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) RELYON TRIALLATE GOLD 500 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, RELYON 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 RELYON 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 wide-line 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

TRIALGOLD 500 is compatible with: Huron 750, Triasulfuron 750, Trifluralin 480, Glyphosate, Yield\*, MONZA<sup>^</sup>

#### RESISTANT WEEDS WARNING

### GROUP J HERBICIDE

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

Some naturally occurring weed biotypes resistant to RELYON TRIALLATE GOLD 500 SELECTIVE 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 weeds will not be controlled by RELYON TRIALLATE GOLD 500 SELECTIVE HERBICIDE or other Group J herbicides.

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 RELYON TRIALLATE GOLD 500 SELECTIVE 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 LIVESTOCK, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish. Do not contaminate dams, rivers or streams with RELYON TRIALLATE GOLD 500 or used containers.

#### STORAGE AND DISPOSAL

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

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 rinseate by adding it to the spray tank. Do not dispose of undiluted chemical on site. 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.

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.

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

#### SAFETY DIRECTIONS

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, loading and preparing spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves, goggles and a half facepiece respirator. When using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). If product on skin, immediately wash area with soap and water. Wash hands after use. After each day's use, wash gloves, goggles, respirator and if rubber wash with detergent and warm water and contaminated clothing.

#### FIRST AID

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.

#### SAFETY DATA SHEET

For further information refer to the Safety Data Sheet (SDS), which can be obtained from the supplier.

#### CONDITIONS OF SALE

The use of this product is beyond the control of Nutrien Ag Solutions Limited. Any provisions or rights under the Australian Consumer Law which cannot be excluded by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies expressed or implied under common law, statute or otherwise, in relation to the sale, supply, storage, use or application of this product are excluded. Nutrien Ag Solutions Limited does not accept any liability (including consequential loss and/or negligence) for any loss or damage connected with the sale, supply, storage, use or application of this product except for liability which cannot be excluded by statute.

Batch Number:

# RELYON<sup>®</sup>

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