# **CAUTION**

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

# Trial<sup>®</sup> Herbicide

ACTIVE CONSTITUENT: 500 g/L TRIALLATE SOLVENT: 426g/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 and for use in mixtures with Trifluralin 480g/L for control of a range of grass and broadleaf weeds in no-till/min-till cropping systems, pre-sowing or incorporated by sowing (IBS) as per Directions for Use.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USING THIS PRODUCT

Contents: 20L, 50L, 100L, 110L, 120L, 200L, 1000L

APVMA Approval No: 68318/58100



Sipcam Pacific Australia Pty Limited Level 1, 191 Malop Street Geelong VIC 3220

#### 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 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 500 mm 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.

#### 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, 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.) If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, goggles and respirator and contaminated clothing. If rubber wash with detergent and warm water.

**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.

#### **NOTICE TO BUYERS**

This product must be used in accordance with the directions for use. Where this product is not a good of a kind ordinarily acquired for personal, domestic or household use or consumption under the Australian Consumer Law, Sipcam's liability for any direct, indirect or consequential loss which you incur, including, without limitation, loss or damage to crop, loss of equipment, property damage, personal injury or death is limited, at Sipcam's option, to the replacement of the product or the supply of an equivalent product. By opening this package, you agree to be bound by these terms. If you do not agree to these terms, please return the entire unopened package intact to Sipcam or the place in which you purchased this product for a full refund.

APVMA No.: 68318/58100

DOM: Batch No:

This product is NOT considered to be a dangerous good under the Australian code for the transport of dangerous goods by road and rail

For specialist advice in emergency only, call **1800 033 111** all hours, Australia wide

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## **DIRECTIONS FOR USE**

Crop	Weed Controlled	States	Rate L/ha	Critical Comments
Barley, Triticale, Wheat, Chickpeas, Faba beans, Lupins, Peas, Linseed, Canola, Safflower	Wild Oats	All States	1.6 L	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. COMPLETE AND UNIFORM INCORPORATION OF TRIAL HERBICIDE IS ESSENTIAL FOR WEED CONTROL. See GENERAL INSTRUCTIONS for details of incorporation. Trial Herbicide 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. Trial Herbicide may be tank mixed with Chlorsulfuron 750g/Kg WDG for control of annual ryegrass, paradoxa grass and certain broadleaf weeds prior to planting of wheat only.  Trial Herbicide may be tank mixed with 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 Trifluralin 480g/L label incorporation details. Read and follow label instructions, restraints, plant-back periods and safety directions for tank mix products.
Wheat, Barley, and triticale	Annual Ryegrass, Wireweed, Phalaris spp, Fumitory, Wild Oats, Cereal oats, Sand Fescue (Vulpia fasciculata), Silvergrass (Vulpia bromoides) Wintergrass (Poa annua), Paradoxa Grass (Canary Grass) (Phalaris paradoxa), Corn Gromwell (Sheepweed) (Buglossoides anvensis), Rough Poppy (Papaver hybridum) Suppression Soil Surface - Bromegrass (Bromus diandrus), Barleygrass (Hordeum leporinum), Three Cornered Jack (doublegee) (Emex australis), Caltrop (Yellowvine & Bullhead) (Tribulus terrestris), Yellow Burr Weed Amsinckia spp), Deadnettle (Lamium	WA, SA, Vic, NSW, Qld only	1.6 - 2.0 L plus 1.5-2.0L Trifluralin 480g/L	For use in no-till/min-till Cropping Systems, Pre-Sowing or Incorporated by Sowing (IBS).  Use only with knife/blade points and press wheels - refer to method of incorporation on the Trifluralin 480g/L leaflet. Use higher rates on light sandy and sandy loam soils. Do NoT use on heavy soils. Avoid soils, which are nonwetting or are likely to become clumpy or cloddy as they may suffer reduced weed control. Use higher rates 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. Higher rates are likely to provide improved control levels of Bromegrass, Wild oats, Cereal oats, Barley grass and Silvergrass. Control of deep / late germinating weeds may be reduced. Insufficient incorporation of Trial Herbicide will reduce Wild oat control. Control may be poor in the first years of practicing no-till/min till. 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. Avoid sites that water log or where furrow walls may collapse as crop establishment and vigour may be reduced.  Incorporate within 24 hours of application when applied onto a dry soil. Incorporate within 6 hours when applied onto a moist soil. If applied onto a dry soil, and it rains before sowing/incorporation is planned, incorporate within 6 hours to ensure the effectiveness of Trial Herbicide is retained.

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

**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

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

#### SOIL PERSISTENCE AND FOLLOWING CROPS

Under prolonged and extremely dry conditions Trial Herbicide may persist for several months. Damage to field oats and sorghum may occur.

#### MIXING

Trial Herbicide is an oily concentrate that mixes readily with water. Add the required amount of Trial 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 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 Trial Herbicide.

Apply Trial Herbicide 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) Trial Herbicide 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, Trial 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 Trial Herbicide 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 left

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 sent of 10 cm points. Sweeps or other low profile points may not provide satisfactory incorporation.

#### COMPATIBILITY

Trial Herbicide is compatible with: Chlorsulfuron, Diclofop-methyl, Triasulfuron, Trifluralin, Glyphosate, Yield\*, MONZA^,

# RESISTANT WEEDS WARNING GROUP J HERBICIDE

Trial Herbicide is a member of the thiocarbamate group of herbicides. Trial Herbicide has the inhibition of fat synthesis mode of action. For weed resistance management Trial Herbicide is a Group J herbicide.

Some naturally occurring weed biotypes resistant to Trial 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 Trial Herbicide or other Group J herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Sipcam Pacific Australia Pty Ltd accepts no liability for any losses that may result from the failure of Trial 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 Trial Herbicide 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.

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.

#### **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, 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.) If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, goggles and respirator and contaminated clothing. If rubber wash with

### FIRST AID detergent and warm water.

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**

For further information, refer to the Material Safety Data Sheet (MSDS) which is available from the supplier.

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limited, at Sipcam's option, to the replacement of the product or the supply of an equivalent product. By opening this package, you agree to be bound by these terms. If you do not agree to these terms, please return the entire unopened package intact to Sipcam or the place in which you purchased this product for a full refund.

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