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



## Check Mate 500

### HERBICIDE

ACTIVE CONSTITUENT: 500 g/L TRI-ALLATE  
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 booklet before use.**

APVMA Approval No. 67079/10/516

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**DIRECTIONS FOR USE**

<b>CROP/ SITUATION</b>	<b>WEEDS CONTROLLED</b>	<b>STATE</b>	<b>RATE</b>	<b>CRITICAL COMMENTS</b>
Barley, Triticale, Wheat, Chickpeas, Faba beans, Lupins, Peas, Linseed, Canola, Safflower	Wild Oats	All States	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).</p> <p>A delay of 1 week between application and planting is recommended for Linseed.</p> <p><b>COMPLETE AND UNIFORM INCORPORATION OF Apparent Check Mate 500 Herbicide IS ESSENTIAL FOR WEED CONTROL.</b></p> <p>See GENERAL INSTRUCTIONS for details of incorporation.</p> <p>Apparent Check Mate 500 Herbicide may be used in crops under sown with legumes.</p> <p>For shallow-sown legume and oil seed crops, complete incorporation by cultivation to a depth of 5 cm must be undertaken before planting.</p> <p>Apparent Check Mate 500 Herbicide may be tank mixed with Apparent Chlorsulfuron 750 Herbicide or Apparent Triasulfuron 750 Herbicide for control of annual ryegrass, paradoxa grass and certain broadleaf weeds prior to planting of wheat only.</p> <p>Apparent Check Mate 500 Herbicide may be tank mixed with Apparent Trifluralin 480 Selective Herbicide for control of annual ryegrass, annual phalaris, paradoxa grass, enhanced control of wild oats (emerging from top 1 cm 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). Incorporation of this tank mix should be within 4-5 hours of application. Refer to the Apparent Trifluralin 480 Selective Herbicide 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

Apparent Check Mate 500 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 2 cm) 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. Apparent Check Mate 500 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. Apparent Check Mate 500 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 Apparent Check Mate 500 Herbicide may persist for several months. Damage to field oats and sorghum may occur.

### MIXING

Apparent Check Mate 500 Herbicide is an oily concentrate that mixes readily with water. Add the required amount of Apparent Check Mate 500 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 Apparent Check Mate 500 Herbicide.

Apply Apparent Check Mate 500 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 – 240 kPa. 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) Apparent Check Mate 500 Herbicide may be initially incorporated 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 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, Apparent Check Mate 500 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 Apparent Check Mate 500 Herbicide has been sprayed on dry soil, and it rains before incorporation is planned, the product must be incorporated within 6 hours to retain herbicide effectiveness. Planting should be carried out with a combine or airseeder/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 left free from pronounced ridging.

DO NOT operate incorporation equipment 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 tyre spacing to avoid uneven incorporation. For example, a wideline seeder with 15 cm tyre 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

Apparent Check Mate 500 Herbicide is compatible with Apparent Chlorsulfuron 750 Herbicide, Apparent Triasulfuron 750 Herbicide, Apparent Trifluralin 480 Selective Herbicide, Roundup\* CT, Roundup\* Dry, Yield\*, Roundup\* Max, MONZA\*, Credit\* and Bonus\*, Weedmaster\* Duo.

### RESISTANT WEEDS WARNING

#### GROUP J HERBICIDE

Apparent Check Mate 500 Herbicide is a member of the thiocarbamate group of herbicides. Apparent Check Mate 500 Herbicide has the inhibition of mitosis mode of action. For weed resistance management Apparent Check Mate 500 Herbicide is a Group J herbicide.

Some naturally occurring weed biotypes resistant to Apparent Check Mate 500 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 Apparent Check Mate 500 Herbicide or other Group J herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Apparent Pty Ltd accepts no liability for any losses that may result from the failure of Apparent Check Mate 500 Herbicide to control resistant weeds.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish. DO NOT contaminate streams, rivers or waterways with this product or the used container.

### 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.

### 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 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 and product.

**For refillable containers (1000 L):** Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

### **Envirodrum 110 L Mini Bulk Returnable Container:**

Store 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 Envirodrum with water or any foreign matter. After each use of the product, please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. The Envirodrum remains the property of Apparent Pty Ltd.

### **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 and mixing and loading spray wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves, goggles and 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. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash contaminated clothing, gloves, goggles and respirator and 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.

### **SAFETY DATA SHEET**

Additional information is listed in the Safety Data Sheet, which can be obtained from Apparent Pty Ltd.

### **CONDITIONS OF SALE**

The use of Apparent Check Mate 500 Herbicide being beyond the control of the manufacturer no warranty expressed or implied is given by Apparent Pty Ltd regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Apparent Pty Ltd accepts with no responsibility for any consequences whatsoever resulting from the use of this product.

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