

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



TILLER 242

CEREA L HERBICIDE

ACTIVE CONSTITUENT: 420 g/L MCPA present as the POTASSIUM SALT
26 g/L PICLORAM present as the POTASSIUM SALT

GROUP I HERBICIDE

For the control of climbing buckwheat, common sowthistle, skeleton weed, capeweed, doublegee and other broadleaved weeds in winter cereals and linseed crops as per the Directions for Use table.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

Australis Crop Protection Pty Ltd

ABN 94 150 711 185

Shop 4, 30 Heber Street, Moree NSW 2400

Telephone: 0417 329 133 • Facsimile: 07 3337 9882

www.austcrop.com.au

CONTENTS **1000 Litres**

BATCH NO:

DATE OF MANUFACTURE:



Tiller 242

CEREAL HERBICIDE

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT store near food, feedstuffs, fertilisers or seed.

For Non-Refillable containers: 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 to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm 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.

For Refillable containers: 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 Australis Crop Protection Pty Ltd should be advised immediately. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SMALL SPILL MANAGEMENT

Wear protective equipment (see SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up materials for disposal when absorption is completed and contain in a refuse vessel for disposal (see STORAGE AND DISPOSAL section). If necessary wash the spill area with an alkali detergent and water and absorb as above the wash liquid for disposal as described above.

SAFETY DIRECTIONS

Harmful if swallowed. Attacks eyes. Will irritate the skin. Avoid contact with eyes and skin. If product in eyes, wash it out immediately with water. DO NOT inhale spray mist. When preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist, a washable hat and elbow length PVC gloves and goggles. 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, goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor, or Poisons Information Centre. Phone Australia 13 11 26.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet which can be obtained from the supplier.

CONDITIONS OF SALE: The use of ACP Tiller 242 Cereal Herbicide being beyond the control of the manufacturer no warranty expressed or implied is given by Australis Crop Protection 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 Australis Crop Protection Pty Ltd accepts no responsibility for any consequence whatsoever resulting from the use of this product. APVMA Approval No.: : 67216/55476

IN A TRANSPORT EMERGENCY

DIAL 000

POLICE OR FIRE BRIGADE



AUSTRALIS
CROP PROTECTION

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PEEL HERE

DIRECTIONS FOR USE:**RESTRAINTS:**

DO NOT apply to crops or weeds which are not actively growing or to plants which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (water-logged or drought affected) or previous herbicide treatment, as crop damage or reduced levels of control may result.

DO NOT use in high winds.

DO NOT spray if rain is likely to occur within four hours.

DO NOT apply close to, or on areas, containing roots of desirable vegetation, where treated soil may be washed into areas growing, or to be planted to, desirable plants, or on sites where surface water from heavy rain can be expected to run off to areas containing, or to be planted to, susceptible crops or plants.

DO NOT move soil which may have been sprayed to areas where desirable plants are to be grown.

TABLE 1: NEW SOUTH WALES AND QUEENSLAND ONLY

| CROP | CROP GROWTH STAGE | WEEDS CONTROLLED | WEED GROWTH STAGE | RATE /ha | CRITICAL COMMENTS |
|---|--|--|--|--|--|
| Barley, Canary Grass, Oats, Triticale, Wheat | Apply from early tillering (when the main shoot has 4-5 leaves and 2 or more new tillers have formed) to start of jointing (first node (Z30)). | Climbing Buckwheat (Black Bindweed) | Up to 6 leaf | 1 L | For best control of Climbing Buckwheat apply at early tillering as this weed becomes increasingly difficult to control as it becomes larger. To avoid possible crop damage, DO NOT spray outside the early tillering to early jointing stage. |
| | | Common Sowthistle, Doublegee (Spiny Emex), Mustard, Saffron Thistle, Skeleton Weed, Turnip Weed, Variegated Thistle, Wild Radish, Wild Turnip | Young rosette or seedling plants up to 8 true leaves | | |
| | | N.Z. Spinach ¹ , Wireweed ¹ | Up to 4 leaf | | ¹ Suppression only – Spray early. |
| Barley, Triticale, Wheat | | Common Sowthistle, N.Z. Spinach, Wireweed | Apply up to 4 leaf stage | 800 mL + 5 g Metsulfuron- methyl (600 g/kg) | Add a 100% concentrate non-ionic surfactant (non- ionic surfactant 1000 g/L) at the rate of 100 mL/100 L water. |

| CROP | CROP GROWTH STAGE | WEEDS CONTROLLED | WEED GROWTH STAGE | RATE /ha | CRITICAL COMMENTS |
|--|--|--|--|---------------|---|
| Linseed, Linola | Apply when crop is 8-20 cm high | Climbing Buckwheat (Black Bindweed), Doublegee (Spiny Emex), Mustard, Saffron Thistle, Skeleton Weed, Variegated Thistle, Wild Radish, Wild Turnip | Young rosette or seedling plants up to 4 true leaves | 670 to 840 mL | Use the higher rate when Climbing Buckwheat is present or weed growth is advanced. |
| | | N.Z. Spinach ¹ , Wireweed | Up to 2 leaf | | |
| Barley, Canary Grass, Oats, Triticale, Wheat | Apply from 3 leaf to early tillering (when the main shoot has 4-5 leaves and 2 or more new tillers have formed) to start of jointing (first node (Z30)). | Capeweed, Doublegee, Saffron Thistle, Turnip Weed, Wild Mustard, Wild Turnip | Young rosette or seedling plants up to 4 true leaves | 600 mL | To avoid possible crop damage DO NOT spray outside the early tillering to early jointing stage. Caution: DO NOT use this product where the land to be treated will be sown to lupins or peas the following year or where a volunteer medic or subclover pasture is required in the following season. Only use when a cereal crop will follow the cereal crop to be treated. |
| | | Capeweed, Doublegee, Saffron Thistle, Turnip Weed, Wild Mustard, Wild Turnip | Young rosette or seedling plants up to 6 true leaves | 750 mL | |
| | | Wireweed ¹ | Up to 4 leaf | | |
| | Apply from early to mid-tillering. | Docks, Sorrel | Active growth | 1 L | ¹ Suppression only – Spray early. |

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

WITHHOLDING PERIOD:

DO NOT GRAZE OR CUT CROPS OR PASTURES FOR STOCK FEED FOR 7 DAYS AFTER APPLICATION.

HARVEST: NOT REQUIRED WHEN USED AS DIRECTED

MINIMUM RECROPPING PERIOD

- Picloram, one of the active constituents in this product, remains active in the soil for extended periods depending on rate of application, soil type, rainfall, temperature, humidity, soil moisture and soil organic matter.

Northern New South Wales and Queensland

Plantback periods for rotational crops following application of ACP Tiller 242 Cereal Herbicide at 1 L/ha on black cracking clay soils (table below). These plantback periods are based on a normal rainfall pattern. During drought conditions (or when rainfall is less than 100 mm for a period of 4 months after application) the plantback period may be significantly longer.

| Winter Crop | Plantback Period (Months) | Summer Crop | Plantback Period (Months) |
|-------------|---------------------------|-------------|---------------------------|
| Wheat | 2 | Sorghum | 2 |
| Barley | 2 | Cotton | 12 |
| Canola | 4 | Mungbean | 12 |
| Chickpea | 6 | Soybean | 12 |
| Faba Bean | 4 | | |
| Lucerne | 9 | | |

Western Australia and other soil types not mentioned above

- DO NOT plant susceptible broadleaved crops within 12 months of applying the product. Cereal crops and grasses can be sown safely after using ACP Tiller 242 Cereal Herbicide in crop weed control.

GENERAL INSTRUCTIONS

MIXING

ACP Tiller 242 Cereal Herbicide can be mixed with water only. Mix only sufficient chemical for each day's use and avoid storing mix. Half fill the spray tank with water and add the required quantity of ACP Tiller 242 Cereal Herbicide and complete filling. Agitate continuously to ensure thorough mixing before and during application.

Tank mixtures: Wettable powder or dry flowable formulations (eg water dispersible granules) should be added to the spray tank first, followed by suspension concentrates (flowables), water soluble salts and then emulsifiable concentrate formulation (eg fluroxypyr 200 g/L). Add spraying oils and surfactants (wettors) last, if required.

COMPATIBILITY

ACP Tiller 242 Cereal Herbicide is compatible with the following: (Read and follow all label directions, restraints, plant-back periods, withholding periods and safety directions on the partner label as well as those on the ACP Tiller 242 Cereal Herbicide label.)

Broadleaf Herbicides: metosulam 100 g/L, clopyralid 300 g/L, MCPA amine, MCPA LVE, Metsulfuron-methyl, fluroxypyr 200 g/L, 2,4-D amine.

Grass Herbicides: diclofop-methyl 375 g/L (Annual Ryegrass only), Topik* 240EC (Wild Oats and Phalaris only).

Adjuvants: non-ionic surfactant 1000 g/L (when mixed with Metsulfuron-methyl), Uptake* Spraying Oil (when mixed with Topik* 240EC).

Insecticides: omethoate 290 g/L, dimethoate 400 g/L.

ACP Tiller 242 Cereal Herbicide is not compatible with zinc products (such as Zinc dextrose and Zinc heptahydrate), copper salts (such as sulphate) and manganese sulphate.

DO NOT use with hard water or water clarified with alum.

APPLICATION METHODS

A. Ground Application (Boom): Apply ACP Tiller 242 Cereal Herbicide with an accurately calibrated boom sprayer, in at least 50 L/ha water.

DO NOT apply with smaller than medium to coarse spray droplets according to the ASABE S572 definition for standard nozzles.

Set the boom at a height to ensure a double overlap of the nozzle pattern.

B. Aerial Application: Apply in a minimum volume of 35 L/ha water. Use equipment calibrated.

DO NOT apply with smaller than medium to coarse spray droplets according to the ASABE S572 definition for standard nozzles.

DO NOT apply ACP Tiller 242 Cereal Herbicide by aircraft unless wind speed is more than 3 kilometres per hour and less than 15 km/hr as measured at the application site and/or the air temperature is above 30°C, or when the wind is blowing towards susceptible crops.

CLEANING SPRAY EQUIPMENT

Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto wasteland away from desirable plants and water courses.

Rinsing: After using ACP Tiller 242 Cereal Herbicide, empty the tank completely and drain the whole system. Thoroughly wash inside the spray unit using a pressure hose. Drain and clean any filters in the tank, pump, lines, hoses and nozzles. After cleaning the tank as above, quarter fill with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

Decontamination (before spraying cotton and other sensitive crops; see PROTECTION OF CROPS): Wash the tank and rinse the system as above. Then quarter fill the tank and add an alkali detergent (eg liquid SURF*, OMO* or DRIVE*) at 500 mL/100 L of water or the powder equivalent at 500 g/100 L and circulate throughout the system for at least 15 minutes. Drain the whole system. Remove the filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain.

RESISTANT WEEDS WARNING

ACP Tiller 242 Cereal Herbicide is a member of the pyridine and phenoxy groups of herbicides. ACP Tiller 242 Cereal Herbicide has the disrupters of plant cell growth mode of action. For weed resistance management, the product is a Group I Herbicide. Some naturally occurring weed biotypes resistant to the product and other disrupters of plant cell growth 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 this product or other disrupters of plant cell growth herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Australis Crop Protection Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical suppliers, consultant, local Department of Agriculture, or Australis Crop Protection Pty Ltd representative.

GROUP I HERBICIDE

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.

Crops and plants susceptible to ACP Tiller 242 Cereal Herbicide include, but are not limited to clovers, medics, lupins, peas and other legumes, cotton, flowers, hops, grape and kiwi fruit vines, ornamentals, potatoes, safflower, shade trees, sugar beet, tobacco, tomatoes, tree fruits and vegetables.

DO NOT use on land to be cultivated for growing susceptible crops within 12 months of applying ACP Tiller 242 Cereal Herbicide. Susceptible crops and plants can be damaged by soil residues during both growing and dormant periods. In the season following application of this product the regeneration or establishment of sensitive legumes (clover, medics, peas, lupins) may be adversely affected by soil residues.

Cereal crops and grasses can be sown safely after using ACP Tiller 242 Cereal Herbicide.

This product will kill legumes (clovers, medics) present in the crop at the time of spraying.

DO NOT apply close to or on areas containing roots of desirable vegetation, where treated soil may be washed to areas growing, or to be planted to desirable plants, or on sites where surface water from heavy rain can be expected to runoff to areas containing or to be planted to susceptible crops or plants.

DO NOT move soil which may have been sprayed to areas where desirable plants are to be grown. Cereal crops may be reduced in height following use of this product.

This height reduction is a normal response and does not represent any yield loss.

DO NOT apply ACP Tiller 242 Cereal Herbicide to crops or pastures, which are to be used for the production of compost or mulches for use with susceptible crops or plants.

The use of straw, hay or other plant material treated with ACP Tiller 242 Cereal Herbicide for composting or mulching susceptible crops may damage these crops.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical 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.

DO NOT store near food, feedstuffs, fertilisers or seed.

The method of disposal of the container depends on the container type. Read the Storage and Disposal instructions on the label that is attached to the container.

SMALL SPILL MANAGEMENT

Wear protective equipment (see SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up materials for disposal when absorption is completed and contain in a refuse vessel for disposal (see STORAGE AND DISPOSAL section). If necessary wash the spill area with an alkali detergent and water and absorb as above the wash liquid for disposal as described above.

SAFETY DIRECTIONS

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*Other registered trademarks.

