

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

**FMC**  
**Terbutryn 500**  
**Herbicide**

**ACTIVE CONSTITUENTS: 500 g/L TERBUTRYN**

<b>GROUP</b>	<b>C</b>	<b>HERBICIDE</b>
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**Controls certain early competing broadleaf weeds in wheat, barley, triticale, pastures, some varieties of oats and field peas as specified in the directions for use table**

**IMPORTANT: READ THE ATTACHED LEAFLET  
BEFORE USING THIS PRODUCT**

**Contents: 20 litres  
(110L, 1000L)**

**FMC Australasia Pty Ltd**

ABN 45 095 326 891  
5 Palmer Place  
Murarrie, Qld 4172

Tel: 07 3908 9222  
Fax: 07 3908 9221

**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 to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500mm below the surface in disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. DO NOT burn empty containers or product.

**SAFETY DIRECTIONS**

Harmful if swallowed. Avoid contact with skin. Repeated exposure may cause allergic disorders. When using the product elbow-length PVC gloves. 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.

**FIRST AID**

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

**MSDS**

Additional information is listed in the Material Safety Data Sheet, which is available from the supplier.

**WARRANTY**

FMC Australasia Pty Ltd makes no warranty expressed or implied, concerning the use of this product other than that indicated on the label. Except as so warranted the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

<b>IN EMERGENCY DIAL 000, POLICE OR FIRE BRIGADE</b>	<b>FOR SPECIALIST ADVICE IN AN EMERGENCY CALL 1800 033 111 (24 HOURS)</b>
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APVMA Approval No.: 69338/60531

Batch No.:

Date of Manufacture:

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**DIRECTIONS FOR USE:****RESTRAINTS:**

DO NOT APPLY THIS PRODUCT WHEN TEMPERATURES ARE GREATER THAN 18°C FOR THE DAY PRIOR TO, THE DAY OF AND FOR THE 4 DAYS FOLLOWING APPLICATION.

DO NOT spray under dry frosty conditions or if very dry condition prevail.

DO NOT spray if weeds or crop/pasture are affected by insects, disease, dust or adverse weather conditions.

DO NOT add a wetting agent or crops oils.

DO NOT use main or nozzle filters finer than 50 mesh for tank mixes.

DO NOT tank mix with selected grass herbicides.

DO NOT apply tank mixture of FMC Terbutryn 500 Herbicide plus triasulfuron (750g/kg) WG if another group B herbicide (ASL Inhibitor) has been used during the current season.

IF RAIN FALLS within 6 hours of the application, the effect could be diminished.

Crop	Weeds Controlled	State	Rate per Ha	Critical Comments
<b>Wheat, barley, triticale and some varieties of oats:</b> From 3 leaf to early tillering	Amsinckia (Yellow Burr Weed), Cape Weed, Corn Gromwell (Sheepweed or White Iron Weed), Deadnettle, Fumitory (Common, White and Dense Flowered), Paterson's Curse, Toad Rush – 2 to 6 leaves	NSW, Vic, only	550 to 850mL	Use the highest rate when Deadnettle or Toad Rush are the major problem. Apply by boom spray or aircraft.
	The above weeds in addition to Charlock, Doublegee (Three-cornered Jack), Hedge Mustard, Hexham Scent, Indian Hedge Mustard, Turnip Weed, Wild turnip – 2 to 6 leaves		550 to 850mL + 300mL of a 500g/L 2,4-D (as amine) or 300mL of a 500g/L MCPA as a tank mix	DO NOT add MCPA or 2,4-D is undersown Medics are present. Apply by boom spray or aircraft. Use the highest rate when Deadnettle, Doublegee (Three-cornered Jack), or Toad Rush are the major problem
	Plaglobothrys canascens – 2 to 6 leaves		850mL	
	Turnip Weed	NSW only	300mL + 6.5g of a 750g/kg WG triasulfuron	Spray when weeds are in the 2 to 6 leaf stage (up to 6 node/leaflet for Field Peas, 10 leaflet for Vetch), except 2 to 4 leaf for Doublegee. Use rates towards the lower end of the range (where applicable) when weeds are small and soil conditions are very moist. Spray only when weeds are actively growing. Spray only after good rain and when top soil is moist. Best results are obtained when good soil moisture has been present since planting.
	Hedge Mustard, Indian Hedge Mustard, London Rocket, Wild Turnip		300mL + 6.5g of a 750g/kg WG triasulfuron to 440mL + 10g of a 750g/kg WG triasulfuron	
	Black Bindweed (Climbing Buckwheat), Faba Bean (Volunteer), Field Pea (Volunteer) Medic, Shepherd's Purse		440mL + 10g of a 750g/kg WG triasulfuron	
	Deadnettle, Mexican Poppy, Wild Radish		440mL + 10g of a 750g/kg WG triasulfuron to 600mL + 13g of a 750g/kg WG triasulfuron	
Coreopsis, Sunflower (volunteer), Vetch		600mL + 13g of a 750g/kg WG triasulfuron		

Crop	Weeds Controlled	State	Rate per Ha	Critical Comments
<b>Wheat, barley, triticale and some varieties of oats:</b> From 3 leaf to early tillering	Paterson's Curse, Turnip Weed	VIC only	300mL + 6.5g of a 750g/kg WG triasulfuron	Spray when weeds are in the 2 to 6 leaf stage (up to 6 node/leaflet for Field Peas, 10 leaflet for Vetch), except 2 to 4 leaf for Doublegee. Use rates towards the lower end of the range (where applicable) when weeds are small and soil conditions are very moist. Spray only when weeds are actively growing. Spray only after good rain and when top soil is moist. Best results are obtained when good soil moisture has been present since planting.
	Hedge Mustard, Indian Hedge Mustard, Wild Turnip		300mL + 6.5g of a 750g/kg WG triasulfuron to 440mL + 10g of a 750g/kg WG triasulfuron	
	Crassula, Faba Bean (Volunteer), Hyssop Loosestrife, Medic, Prickly Lettuce (Whipthistle)		440mL + 10g of a 750g/kg WG triasulfuron	
	Deadnettle, Field Pea (volunteer), Wild Radish		440mL + 10g of a 750g/kg WG triasulfuron to 600mL + 13g of a 750g/kg WG triasulfuron	
	Lupins (volunteer), Vetch, Wireweed (less than 3 leaves) suppression		600mL + 13g of a 750g/kg WG triasulfuron	
	Turnip Weed		QLD only	
Dense flower Fumitory, Indian Hedge Mustard, Small flower Fumitory, Wild Turnip	300mL + 6.5g of a 750g/kg WG triasulfuron to 440mL + 10g of a 750g/kg WG triasulfuron			
Black Bindweed (Climbing Buckwheat), London Rocket	440mL + 10g of a 750g/kg WG triasulfuron			
Wild Radish	440mL + 10g of a 750g/kg WG triasulfuron to 600mL + 13g of a 750g/kg WG triasulfuron			
Coreopsis, Corn Gromwell (Sheepweed or White Iron Weed)	600mL + 13g of a 750g/kg WG triasulfuron			

<b>Crop</b>	<b>Weeds Controlled</b>	<b>State</b>	<b>Rate per Ha</b>	<b>Critical Comments</b>
<b>Wheat, barley, triticale and some varieties of oats:</b> From 3 leaf to early tillering	Amsinckia (Yellow Burr Weed), Cape Weed, Corn Gromwell (Sheepweed or White Iron Weed), Deadnettle, Doublegee (Three-cornered Jack), Fumitory (Common, White and Dense Flowered), Rough Poppy, Salvation Jane (Paterson's Curse), Toad Rush – 2 to 6 leaves	SA only	550 to 850mL	DO NOT add MCPA or 2,4-D if undersown Medics are present. Apply by boom spray or aircraft. Use the highest rate when Deadnettle, Doublegee (Three-cornered Jack), or Toad Rush are the major problem. DO NOT apply to disease infected wheat as yellowing may occur. Spray when weeds are in the 2 to 6 leaf stage (up to 6 node/leaflet for Field Peas, 10 leaflet for Vetch), except 2 to 4 leaf for Doublegee. Use rates towards the lower end of the range (where applicable) when weeds are small and soil conditions are very moist. Spray only when weeds are actively growing. Spray only after good rain and when top soil is moist. Best results are obtained when good soil moisture has been present since planting.
	The above weeds in addition to Charlock, Hedge Mustard, Hexham Scent, Indian Hedge Mustard, Mallee Catch-fly, Turnip Weed, Wards Weed, Wild Turnip – 2 to 6 leaves		550 to 850mL + 300mL of a 500g/L 2,4-D Amine (as amine) or 300mL of a 500g/L MCPA as a tank mix	
	Faba Beans (volunteer), Long Fruited Turnip, Long Headed Poppy, Paterson's Curse, Turnip Weed		300mL + 6.5g of a 750g/kg WG triasulfuron	
	Hedge Mustard, Indian Hedge Mustard, Wild Turnip		300mL + 6.5g of a 750g/kg WG triasulfuron to 440mL + 10g of a 750g/kg WG triasulfuron	
	Ball Mustard, Crassula, Medic, Prickly Lettuce (Whipthistle)		440mL + 10g of a 750g/kg WG triasulfuron	
	Field Pea (volunteer), Wild Radish		440mL + 10g of a 750g/kg WG triasulfuron to 600mL + 13g of a 750g/kg WG triasulfuron	
	Doublegee (Spiny Emex, Three-cornered Jack), Lupins (volunteer), Wireweed (less than 3 leaves) suppression		600mL + 13g of a 750g/kg WG triasulfuron	
	Cape Weed, Corn Gromwell, Yellow Burrweed – 2 to 6 leaves, Doublegee (Three-cornered Jack), Toad Rush – 1 to 4 leaves		WA only	
	The above weeds in addition to Indian Hedge Mustard, London Rocket, Lupin, Wild Radish, Wild Turnip – 2 to 6 leaves	550 to 850mL or 600mL of a 500g/L MCPA as a tank mix		

<b>Crop</b>	<b>Weeds Controlled</b>	<b>State</b>	<b>Rate per Ha</b>	<b>Critical Comments</b>
<b>Wheat, barley, triticale and some varieties of oats:</b> From 3 leaf to early tillering	Turnip Weed	WA only	300mL + 6.5g of a 750g/kg WG triasulfuron	Spray when weeds are in the 2 to 6 leaf stage (up to 6 node/leaflet for Field Peas, 10 leaflet for Vetch), except 2 to 4 leaf for Doublegee. Use rates towards the lower end of the range (where applicable) when weeds are small and soil conditions are very moist. Spray only when weeds are actively growing. Spray only after good rain and when top soil is moist. Best results are obtained when good soil moisture has been present since planting
	Denseflower Fumitory, Hedge Mustard, Smallflower Fumitory		300mL + 6.5g of a 750g/kg WG triasulfuron to 440mL + 10g of a 750g/kg WG triasulfuron	
	Ball Mustard, Field Pea (volunteer)		440mL + 10g of a 750g/kg WG triasulfuron	
	Deadnettle		440mL + 10g of a 750g/kg WG triasulfuron to 600mL + 13g of a 750g/kg WG triasulfuron	
	Australian Crassula, Doublegee (Spiny Emex, Three-cornered Jack), Lupins (volunteer)		600mL + 13g of a 750g/kg WG triasulfuron	
<b>Pastures</b> Use on a mixture of either/or Sub Clover (min. of 3 leaves to max. of 10 leaves) Balansa Clover (established plants), White Clover (min. of 5 leaves to max. of 10 leaves) with either/or Ryegrass, Phalaris, Cocksfoot (grasses min. 3 leaves)	Capeweed (seedling to 10cm diameter), Paterson's Curse (Seedling to 10 cm)	NSW, Vic, TAS only	550 to 700mL	Apply by boom spray or aircraft. Use the lowest rate early in the season or when weeds are small and young. Increase the rate as weed size and age increases. Early germinating Paterson's Curse with strong root systems may not be controlled. Some temporary damage may be seen on clover if adverse growing conditions occur at end after spraying. Where selective grass herbicide or simazine is to be used or has been used, FMC Terbutryn 500 Herbicide should not be used in the same season. See Pasture Safety section in General instructions
	Capeweed (seedlings up to 20 cm diam.) Crassula (1 to 5cm diameter), Erodium botrys (seedlings to 8cm diameter) Paterson's Curse (seedlings up to 20 cm diam.), Toad Rush (1-5 leaves)		400 to 700mL plus 300 to 500mL of a 500g/L MCPA as a tank mix	

<b>Crop</b>	<b>Weeds Controlled</b>	<b>State</b>	<b>Rate per Ha</b>	<b>Critical Comments</b>
Field Peas	Amsinckia (Yellow Burr Weed), Cape Weed, Common Fumitory, Corn Gromwell (Sheep Weed or White Iron Weed), Deadnettle, Paterson's Curse, Toad Rush	Vic only	700 to 850ml	Apply as an early post-emergent application when the peas are 10 to 12 cm and have developed 3 to 5 nodes. Weeds should be young and actively growing and in the 4 to 5 true leaf stage. Use rates towards the higher end of the scale when Deadnettle is the major problem and when weeds are in the 6 true leaf stage. When a selective grass herbicide is to be used, apply FMC Terbutryn 500 Herbicide 2 weeks before the application of the selective herbicide
Canning Peas (Green Peas, Vining Peas, Processing Peas)	Blackberry Nightshade, Capeweed, Chickweed, Common Fumitory Corn Gromwell, Deadnettle, Fat Hen, Paterson's Curse, Toad Rush, Yellow Burr Weed	TAS only	750mL to 1L	Apply as an early post-emergent application when the peas are 10 to 12 cm and have developed 3 to 6 nodes. Weeds should be young and actively growing and in the 2 to 4 true leaf stage. Use rates towards the higher end of the scale when Deadnettle and Blackberry Nightshade are the major problems.

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

**WITHHOLDING PERIOD:**

**FIELD PEAS, CANNING PEAS:**

**DO NOT APPLY WITHIN 4 WEEKS OF HARVEST**

**PEA FODDER AND FORAGE:**

**DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.**

**PASTURES:**

**DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.**

**CEREALS - TERBUTRYN ALONE WITH TERBUTRYN PLUS MCPA OR 2,4-D AS A TANK MIX:**

**DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.**

**CEREALS - TERBUTRYN PLUS TRIASULFURON (750g/kg WG) TANK MIX:**

**DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.**

**GENERAL INSTRUCTIONS**

**IMPORTANT**

Spray only after good rain and when top soil is moist and when weeds are actively growing. Best results are obtained when good soil moisture has been present since planting. DO NOT apply during dry or water logged conditions.

**RESISTANT WEEDS WARNING**

<b>GROUP</b>	<b>C</b>	<b>HERBICIDE</b>
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FMC Terbutryn 500 Herbicide is a member of the Triazine group of herbicides. FMC Terbutryn 500 Herbicide has the inhibitor of photosynthesis at photosystem II mode of action. For weed resistance management FMC Terbutryn 500 Herbicide is a group C herbicide.

Some naturally occurring weed biotypes resistant to FMC Terbutryn 500 Herbicide and other group C 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 FMC Terbutryn 500 Herbicide or other group C herbicides.

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

Advice as to strategies and alternative treatments that can be used should be obtained from your local supplier, consultant, local Department of Agriculture or FMC Australasia representative.

**CROP SAFETY**

DO NOT apply this product to Avon, Saia, Barmah and Cassia varieties of oats. Before applying to other varieties of oats, grower should seek advice from FMC for crop safety information. Undersown Medics and American Lucerne varieties may be damaged if sprayed. With early and late sown crops damage may occur if spraying is undertaken when temperatures are above 18°C. Avoid spraying crops prior to May and from mid-August onwards as daily temperatures and weed size may not be satisfactory. Early sown crops should not be sprayed before the onset of frost and cooler weather.

**PASTURE SAFETY**

DO NOT apply this product to pasture species other than those stated in the "Directions for use". DO NOT Apply to Medics and Lucerne as damage may occur. DO NOT apply to irrigated pasture or seed crops as damage may occur. DO NOT apply on pastures prior to May and after mid-August or when temperatures are greater than 18°C for the day prior to, the day of and for 4 days following application as pasture damage will occur. DO NOT apply prior to or following the use of a grass selective herbicide or simazine in the same season as damage to pasture may occur.

DO NOT use in situations where oversowing of pastures may occur. Pastures which contain young species should be sprayed using the lower label rates. Increase product rate as pasture age and size increases. Only apply this product when conditions at and following application are favourable to pasture growth.

**MIXING**

Stir product or invert container several times before opening as settling of contents may occur after storage for some weeks. Pour the product into the spray vat through a strainer to remove any dry particles or flakes, which can occur under hot storage conditions. Add the full quantity of product to the partly filled spray tank while agitating. Fill tank and agitate to ensure thorough mixing. Continue agitation while spraying. Agitate vigorously from the bottom if allowed to stand. Reseal part used containers immediately. If tank mixing add FMC Terbutryn 500 Herbicide to the spray tank first, then other products. Maintain constant agitation and use immediately.

**APPLICATION**

**Ground Application:** Boom spray with flat fan nozzles. Ensure good spray coverage is obtained. Aim to apply 50 to 100 L of water per hectare.

**Aircraft Application:** Always spray in a cross wind of less than 5 knots, or use smoke generator to indicate air movement. Ensure good spray coverage is obtained. For maximum coverage use fine nozzles. Apply 20 to 30 L per hectare.

**Crop Rotation Guidelines**

**TERBUTRYN plus triasulfuron (750g/kg) WG Tank mixture.** The following crops can be planted after:

**In areas where pH is less than 7.5**

– 9 months after application: barley, cereal rye, chickpeas, faba beans, field peas, lupins, medics, oats, canola, safflower, subclover, triticale, wheat.

**In areas where pH is greater than 7.5**

- 9 months after application: barley, cereal rye, oats, triticale, wheat.
- 14 months after application: cotton, maize, sorghum, soybeans, sunflowers

Where residual herbicides are applied following an application of TERBUTRYN plus triasulfuron (750g/kg) WG, the crop rotations guidelines for these products must be followed.

- 22 months after application: chickpeas, faba beans, field peas, lupins, medics, canola, safflower, subclover.

For all other crops advice should be sought from FMC.

**COMPATIBILITY**

This product is compatible with Ally,\* MCPA 500 Amine (not LVE), 2,4-D amine, Triasulfuron (750g/kg) WG, Banvel\* 200, Banvel\* M, Cadence\* and Supracide\*.

**PRECAUTION**

**Re-entry Period:** DO NOT enter treated area until spray has dried.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND THE ENVIRONMENT**

DO NOT contaminate ponds, waterways or drains with the chemical or used containers.

**PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS**

DO NOT use in situations where off-target damage may occur, e.g. vines, tree crops. If using 2,4-D Amine or MCPA apply with equipment which will not be used in hormone susceptible crops, particularly cottons and vines. 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.

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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.

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