

# CAUTION

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



**syngenta<sup>®</sup>**

**ACTIVE CONSTITUENT: 250 g/L TRINEXAPAC-ETHYL**

For the reduction of leaf and stem growth of grass species,  
as an aid in turf management and as an aid in Winter  
Grass management as per the Directions for Use

**Syngenta Australia Pty Ltd**  
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**In a transport emergency dial 000, Police or Fire Brigade**  
**For specialist advice in an emergency only, call 1800 033 111 (24 hours)**

**APVMA Approval No: 46008/0610**

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## DIRECTIONS FOR USE

### Restrictions

DO NOT use on bowling greens

DO NOT apply to turf recovering from wear, renovation or turf affected by disease, waterlogging or other stresses

DO NOT use where growth regulatory effects are likely following the application of a fungicide or any other material

DO NOT apply to turf going into or coming out of dormancy

DO NOT apply if rainfall is expected within 1 hour, and DO NOT irrigate turf for at least 1 hour after application

DO NOT apply to Kentucky Bluegrass as damage may occur

### Turf Growth Management

Situation	Grasses	State	Rate		Critical Comments
			Low Volume Spray/ha	Knapsack Application/100 m <sup>2</sup>	
<b>Golf course greens</b>	Bent Grass	All States	500 mL to 1 L	5 to 10 mL	<p>Apply PRIMO 250 EC at least 6 hours before or after mowing and when turf is actively growing.</p> <p>Use the lower rates on turf with moderate growth rates where a lower level of growth reduction is required, or when used in a program.</p> <p>Apply rates towards the higher end of the rate range when growth is vigorous or when longer periods of up to 6 weeks suppression are required.</p> <p>Application made to turf growing under cool conditions or to turf with low nutrient levels or where growth rates are low, may result in discolouration.</p> <p>Well maintained lawns and turf surfaces are those which receive at least weekly mowing and good levels of water and fertility are maintained.</p> <p><b>Refer to Application section for detailed information.</b></p>
<b>Golf course fairways</b>	Common Couch	All States	400 to 800 mL	4 to 8 mL	
	Couch varieties: Greenlees Park, Wintergreen, Santa Ana		300 to 600 mL	3 to 6 mL	
	Fescue, Perennial Ryegrass		800 mL to 1.5 L	8 to 15 mL	
	Kikuyu		800 mL to 2 L	8 to 20 mL	
	Carpet Grass	Qld, NSW only			
<b>Golf course short roughs, well maintained lawns and turf surfaces</b>	Buffalo Grass	Qld, NSW, WA only	500 mL to 1 L	5 to 10 mL	
	Common Couch, Hybrid Couch	All States			
	Fescue, Perennial Ryegrass, Bent Grass		1 to 2 L	10 to 20 mL	
	Kikuyu		800 mL to 3 L	8 to 30 mL	
<b>Golf course long roughs, parks, ovals, lawns, general grassed areas</b>	Buffalo Grass	Qld, NSW, WA only	500 mL to 2 L	5 to 20 mL	
	Common Couch, Hybrid Couch	All States			
	Fescue, Perennial Ryegrass, Bent Grass		1 to 3 L	10 to 30 mL	
	Kikuyu		1 to 4 L	10 to 40 mL	

Situation	Grasses	State	Rate		Critical Comments
			Low Volume Spray/ha	Knapsack Application/100 m <sup>2</sup>	
Bunker facing, path and garden edging, footpath and curbside edging, fencelines and around trees	Buffalo Grass	Qld, NSW, WA only	2 L	20 mL	Apply PRIMO 250 EC at least 6 hours before or after mowing and when turf is actively growing. On difficult to mow areas apply PRIMO 250 EC to actively growing turf and mow 3 to 4 days after application. Apply in a strip approximately 25 cm to 50 cm wide. Use the lower rates of PRIMO 250 EC around bunker edges and the higher rates in the other situations. Application made to turf growing under cool conditions or to turf with low nutrient levels or where growth rates are low, may result in discolouration.
	Couch varieties: Greenlees Park, Wintergreen, Santa Ana				
	Common Couch, Perennial Ryegrass, Bent Grass	All States	2 to 3 L	20 to 30 mL	
	Kikuyu		3 to 4 L	30 to 40 mL	

#### Winter Grass (*Poa annua*) Management

Situation	Grasses	State	Rate		Critical Comments
			Low Volume Spray/ha	Knapsack Application/100 m <sup>2</sup>	
Golf course fairways, Golf course greens	<i>Poa annua</i>	All States	200 to 500 mL	2 to 5 mL	See instructions under <i>Poa annua</i> Management for reduction of <i>Poa annua</i> swards in Bent Grass golf greens. See Golf course greens section in this table for application recommendations.

#### Bahia Grass (*Paspalum notatum*) Suppression and Seedhead Control

Situation	Grasses	Rate		Critical Comments
		/ha	/100 m <sup>2</sup>	
Common Couch, Durban Grass, Hybrid Couch, Qld Blue Couch, Zoysia only in golf course long roughs, lawns, median strips, ovals, parks, roadsides, general grassed areas	Bahia Grass ( <i>Paspalum notatum</i> ) <b>suppression and seedhead control</b>	1 to 2 L plus 75 mL/ha Monument <sup>®</sup> Liquid Turf Herbicide plus a quality non-ionic surfactant at 0.25% v/v (1000 g ai/L products) or 0.42% v/v (600 g ai/L products such as Agral <sup>®</sup> Spray Adjuvant)	10 to 20 mL plus 0.75 mL/100 m <sup>2</sup> of Monument Liquid plus a quality non-ionic surfactant at 0.25% v/v (1000 g ai/L products) or 0.42% v/v (600 g ai/L products such as Agral)	Apply during summer when Bahia Grass produces seedheads. DO NOT apply more than 2 consecutive applications of Monument Liquid per season. See instructions under Bahia Grass ( <i>Paspalum notatum</i> ) Management for control of Bahia Grass seedheads in established couch areas. <b>Refer to Mixing and Application sections for detailed information.</b> <b>Important:</b> Refer to the Monument Liquid label for specific directions on mixing, avoiding spray drift, sprayer cleanup and protection of non-target crops and the environment.

**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 TREATED TURF/LAWN, OR FEED TURF/LAWN CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK**

## GENERAL INSTRUCTIONS

PRIMO 250 EC should be applied to actively growing turf at least 6 hours before or after mowing. Good mowing management leading up to application is required to achieve a good quality turf surface and to obtain the best results from PRIMO 250 EC.

### Growth Regulation

The recommended use rates are designed to give approximately a 50% reduction in clippings over a 4 to 6 week period. In practice the amount of growth regulation achieved will vary between situations due to environmental conditions and management practices. To some extent therefore application rates will need to be adjusted to match growing conditions, management practices and the amount of growth regulation required by the turf manager.

Repeat applications can be made as soon as turf resumes growth or more suppression is required.

### *Poa annua* Management

Different grasses vary in their sensitivity to PRIMO 250 EC. Since *Poa annua* is more sensitive to PRIMO 250 EC than Bent Grass, PRIMO 250 EC can be used to reduce the competitiveness of *Poa annua* in Bent Grass golf greens. PRIMO 250 EC can be integrated into existing *Poa annua* control programs. Low rates of PRIMO 250 EC (that provide growth suppression of *Poa annua*, but not Bent Grass) applied during peak growth periods may enable a slow transition in the golf green sward composition away from *Poa annua* and towards a higher percentage of Bent Grass.

### Bahia Grass (*Paspalum notatum*) Management

Different grasses vary in their sensitivity to PRIMO 250 EC and Monument Liquid. Bahia Grass is very sensitive to the combination resulting in control of seedheads as well as vegetative growth suppression. Apply the combination as soon as seedheads start to form or when it becomes a regular mowing intervention issue, normally during October to January. Apply at 4 week intervals after mowing.

### Mixing

Add the required quantity of PRIMO 250 EC directly to a spray tank containing two thirds of the required spray volume. Add the rest of the water and ensure the mix is thoroughly agitated before application. PRIMO 250 EC can be tank mixed with Monument Liquid.

### Application

Ensure even application in order to achieve even growth reduction. Avoid overlapping sprays.

**Application Volume:** Apply in 100 to 500 L/ha water, using suitable flat fan nozzles. Application volume should be adequate to ensure thorough and even coverage of the turf leaves and penetration to the crowns. In higher cut turf ( $\geq 15$  mm) a significant spray shielding effect can occur, impacting negatively on spray penetration and even coverage at low application volumes.

**Knapsack:** It is important to apply the correct quantity of PRIMO 250 EC to a known area of turf. Apply between 2 and 10 L water/100 m<sup>2</sup> of turf. Preferably use flat fan nozzles and ensure even coverage is achieved.

**Golf Course Greens:** Ensure product placement as uniformly as possible onto leaves and into crowns. Ideal application volume should be 350 to 500 L/ha. For best results use medium [XR Teejet\* (11004 or 11005)] to coarse [Turbo Teejet\* or AIXR Teejet\* (11004 or 11005)] nozzles, at 5 km/h and 3 bar pressure. Boom height should not exceed 50 cm above the ground.

**All Other Turf Areas:** Ensure product placement as uniformly as possible onto leaves and into crowns. Ideal application volume should be 200 to 500 L/ha. For best results use medium [XR Teejet (11004 to 11008)] to coarse [Turbo Teejet or AIXR Teejet (11004 or 11005)] nozzles, at 8 km/h and 3 bar pressure. Boom height should not exceed 50 cm above the ground.

**Bahia Grass Suppression and Seedhead Control:** Ensure product placement as uniformly as possible onto leaves and into crowns. Ideal application volume should be 200 to 500 L/ha. For best results use coarse [Turbo Teejet or AIXR Teejet (11004 or 11005)] nozzles, at 8 km/h and 3 bar pressure. Boom height should not exceed 50 cm above the ground.

**Non-ionic Surfactants:** For Bahia Grass suppression and seedhead control when tank mixing with Monument Liquid, use Agral (600 g ai/L) at 0.42% v/v or 420 mL/100 L spray mix. Alternatively use other quality non-ionic surfactants (1000 g ai/L formulations) at 0.25% v/v or 250 mL/100 L spray mix.

## Compatibility

**For common couch, hybrid couch and kikuyu turfgrasses only:** PRIMO 250 EC is compatible with some formulations of products containing the following chemicals: 2,4-D amine, bromoxynil, MCPA/bromoxynil/dicamba, MCPA ester/bromoxynil, MCPA ester/bromoxynil/dicamba, MCPP/2,4-D amine/dicamba or MCPP/dicamba. However, some transient discolouration of the treated turf may occur after application of a tank mix.

For the treatment of broadleaf weeds in turf with herbicides other than those indicated above, it is recommended to apply PRIMO 250 EC and the broadleaf weed herbicides separately, allowing at least 10 days between an application of PRIMO 250 EC and the broadleaf weed herbicides.

## PRECAUTION

### Re-Entry Period

DO NOT enter treated areas without protective clothing until spray has dried. DO NOT allow the public to enter treated areas until spray has dried.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish larvae and oysters. DO NOT contaminate dams, rivers, streams or storm water drains with concentrate or used container. Wash spraying equipment and mixing and measuring utensils with water on grass.

## 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 the 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, vegetation and tree roots. Empty containers and product should not be burnt.

## SAFETY DIRECTIONS

**Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with the eyes and skin.**

**When opening the container and preparing spray wear:**

- cotton overalls buttoned to the neck and wrist (or equivalent clothing)
- elbow-length PVC gloves

**Wash hands after use. After each day's use, wash gloves and contaminated clothing.**

## FIRST AID

**If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131 126.**

## MATERIAL SAFETY DATA SHEET

If additional hazard information is required refer to the Material Safety Data Sheet. For a copy phone 1800 067 108 or visit our website at [www.greencast.com.au](http://www.greencast.com.au) or [www.syngenta.com.au](http://www.syngenta.com.au)

## DISCLAIMER

This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. Syngenta's liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which Syngenta shall have no liability.

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