

Amigo 175EC

Plant Growth Regulator

Advanced formulation. Consistent performance. Superior turf regulation.



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Product Overview

Amigo 175EC is a next-generation plant growth regulator containing 175 g/L trinexapac-ethyl, engineered with a unique in-built adjuvant system that delivers a clear performance advantage over traditional EC formulations. This innovative system enhances uptake, boosts rainfastness, and ensures more consistent active ingredient distribution – providing exceptional reliability every time you spray.

Registered for safe use across a wide range of turf species, including Common and Hybrid Couch, Bentgrass, Kikuyu, Buffalo, Fescues, Perennial Ryegrass and *Poa annua*, Amigo 175EC is designed for versatility, confidence and premium turf presentation.

Mode of Action

Trinexapac-ethyl works by inhibiting gibberellic acid biosynthesis late in the pathway, suppressing excessive cell elongation and reducing internode length. Following application, treated turf produces shorter internodes, increased tillering and significantly reduced vertical growth.

Amigo 175EC is rapidly absorbed through leaves and crowns, with most uptake occurring within the first hour. Because the active ingredient breaks down quickly in soil, root absorption is minimal. Once inside the plant, Amigo moves acropetally (upwards) through the xylem, delivering even distribution to growing meristems where it regulates cell expansion.

The result is a more compact, resilient and visually appealing turf surface – ideal for maintaining high-performance playing conditions.

Key Features

Advanced formulation technology

- > Unique adjuvant system maximises uptake and utilisation of trinexapac-ethyl.
- > Reduces environmental losses for a more efficient, sustainable application.

Reliable, consistent results

- > Improved formulation delivers dependable performance across variable conditions.
- > Enhanced rainfast properties help safeguard results in unpredictable weather.

Cleaner, safer to use

- > Low-odour formulation with no petroleum solvents reduces smell, handling concerns and skin sensitivity issues.
- > Fully water-soluble and highly tank-mix compatible with most turf fungicides, insecticides and liquid fertilisers.

Designed for broadacre practicality

- > Cost-effective for use on fairways, sportsgrounds and other large turf areas.
- > Helps produce a finer, cleaner finish with fewer clippings and improved mowing efficiency.

Healthier, stronger turf

- > Promotes deeper colour, increased lateral growth and enhanced root mass.
- > Reduces vertical growth to improve durability, density and overall turf quality.





The Amigo 175EC Adjuvant System

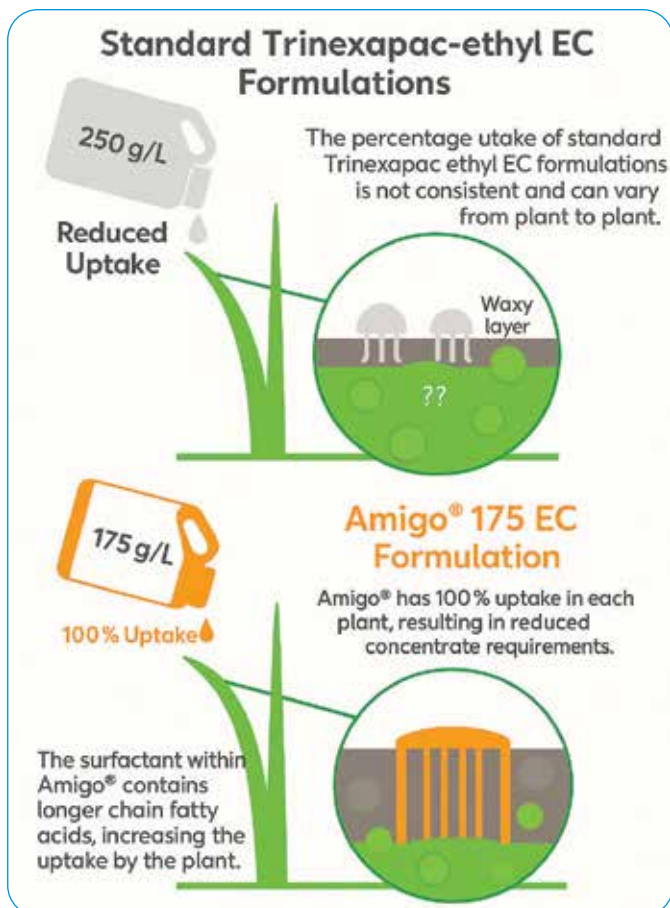
The advanced formulation of Amigo 175EC features a unique long-chain fatty acid adjuvant that increases the product's affinity for the waxy plant cuticle. This exclusive component – found only in the Amigo formulation – significantly enhances droplet spread across the leaf surface, delivering superior coverage and more efficient foliar uptake of the active ingredient.

By optimising deposition and absorption, Amigo 175EC delivers exceptional performance even at lower active ingredient outputs. Field trials conducted both locally and internationally consistently demonstrate the advantage of this formulation, with Amigo 175EC outperforming conventional trinexapac-ethyl EC products. In many cases, trial results have shown up to 30% greater performance compared with traditional formulations currently used throughout the turf industry.

As a result of this formulation innovation, extensive field trials conducted both locally and internationally have consistently shown that Amigo 175EC outperforms standard trinexapac-ethyl EC products. In many programs, Amigo delivered up to 30% greater performance compared with conventional formulations currently used in the turf industry.

The images below illustrate this difference. Leaves were sprayed simultaneously with Amigo 175EC and a traditional trinexapac-ethyl EC product. The darker areas represent the presence of trinexapac-ethyl within the foliage at 1 hour and 24 hours after treatment.

The results clearly demonstrate that Amigo 175EC moves into the plant significantly faster, reducing environmental losses and improving rainfastness, while delivering quicker, more efficient regulation of growth. This rapid uptake is a key reason why Amigo 175EC offers more reliable, effective performance than standard emulsifiable concentrate formulations available in the marketplace.



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Focused on specialty markets



Amigo 175EC Use Rates & Label Recommendations – Turf Growth Management

SITUATION	GRASSES	RATE		CRITICAL COMMENTS
		/ha	/100m ²	
Golf courses	Bent Grass	0.7 - 1.4 L	7 - 14 mL	<p>Apply Amigo 175EC Plant Growth Regulator 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 regulation is required, or when used in a program.</p> <p>Apply rates towards the highest end of the rate range when growth is vigorous or when longer periods of up to 6 weeks regulation 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 turf surfaces are those which receive at least weekly mowing and good levels of water and fertility are maintained.</p>
Golf course fairways	Carpet grass Kikuyu	1 - 2.75 L	11 - 27 mL	
	Common couch	0.5 - 1 L	5 - 11 mL	
	Couch varieties: Greenlees Park, Santa Ana, Wintergreen	0.4 - 0.8 L	4 - 8 mL	
	Fescue, Perennial Ryegrass	1 - 2 L	11 - 21 mL	
Golf Course Short Roughs, Well Maintained Lawns, General Turf Surfaces	Bent Grass, Fescue, Perennial Ryegrass	1.4 - 2.75 L	14 - 27 mL	<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 turf surfaces are those which receive at least weekly mowing and good levels of water and fertility are maintained.</p>
	Buffalo grass Common couch, Hybrid couch	0.7 - 1.4 L	7 - 14 mL	
	Kikuyu	1 - 4 L	11 - 41 mL	
	Bent Grass, Fescue, Perennial Ryegrass	1.4 - 4 L	14 - 41 mL	
Golf Course Long Roughs, Parks, Ovals, Lawns, General Grassed Areas	Buffalo Grass Common Couch, Hybrid couch	0.7 - 2.75 L	7 - 27 mL	<p>Apply Amigo 175EC Plant Growth Regulator at least 6 hours before or after mowing and when turf is actively growing.</p> <p>On difficult to mow areas apply Amigo 175EC Plant Growth Regulator to actively growing turf and mow 3 - 4 days after application.</p> <p>Apply in a strip approximately 25 - 50 cm wide.</p> <p>Use the lower rates of Amigo 175EC Plant Growth Regulator around bunker edges and the higher rates in the other situations.</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>
	Kikuyu	1.4 - 5.5 L	14 - 55 mL	
	Bent Grass, Common Couch, Perennial Ryegrass	2.75 - 4 L	3 - 4 mL	
	Buffalo grass	2.75 L	27 mL	
Bunker Facing, Path and Garden Edging, Footpath and Curbside Edging, Fencelines, Around Trees	Couch varieties: Greenlees Park, Santa Ana, Wintergreen	2.75L	27 mL	<p>Apply in a strip approximately 25 - 50 cm wide.</p> <p>Use the lower rates of Amigo 175EC Plant Growth Regulator around bunker edges and the higher rates in the other situations.</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>
	Kikuyu	4 - 5.5 L	41 - 55 mL	

Winter Grass (*Poa annua*) Management

SITUATION	GRASSES	RATE		CRITICAL COMMENTS
		/ha	/100m ²	
Golf course fairways, Golf course greens	Winter Grass (<i>Poa annua</i>)	275 - 700 mL	3 - 7 mL	<p>See instructions under Winter Grass (<i>Poa annua</i>) Management for reduction of <i>Poa annua</i> swards in Bent Grass golf greens.</p> <p>See Golf course greens section above for application recommendations.</p>