



# Amigo 120ME

## Plant Growth Regulator

*Micro Emulsion PGR,  
formulated in Australia*

### Product Overview

ProForce Amigo 120ME is a plant growth regulator formulation containing 120g/L of the active ingredient Trinexapac-ethyl.

ProForce Amigo 120ME is a micro-emulsion formulation and is registered for the regulation of leaf and stem growth, as well as a turf management aid across a range of turfgrass species and growing regimes.

ProForce Amigo 120ME is also registered for the suppression of Bahiagrass and seadhead control in combination with herbicides.

ProForce Amigo 120ME is registered and safe for use on a very broad range of turfgrass species including; Common and Hybrid Couch, Bentgrass, Kikuyu, Queensland Blue Couch, Carpetgrass, Buffalo, Bahiagrass, Zoysia, Fescues, Perennial Ryegrass, Durban grass and *Poa annua*.

### Key Features

- > Inhibits vertical shoot growth.
- > Promotes rich colour, lateral stem and root mass development.
- > Helps produce healthy, durable blades in turfgrass.
- > Helps turf withstand seasonal stresses.
- > Odourless, micro-emulsion concentrate formulation, that is petroleum solvent free and tank mix flexible.
- > Rainfast within 3 hours.
- > Increases quality of final cut, particularly in high maintenance situations.
- > Reduced clippings for efficient mowing and reduction in waste.
- > Registered for use in Bahiagrass management and suppression.
- > Registered for a very broad range of turf species (more than 12 differing turf species).
- > Available in 1L and 5L pack sizes.



### ProForce Amigo 120ME – Key Application Information

The rates recommended on the label are designed to give approximately a 20-50% reduction in clippings over a 2 to 6 week period. In practice, the amount of growth regulation achieved will vary due to environmental conditions and turf management regimes. As a result, it is likely that application rates will need adjustment to match growing conditions, management practices and the quantity of growth regulation required.

Repeat applications can be made as soon as turf resumes growth or more suppression is desired. ProForce Amigo 120ME Plant Growth Regulator should be applied to actively growing turf, at least 6 hours before or after mowing. Good mowing practices prior to application are required to maximise performance and achieve quality turf swards. Use the lower label rate in situations when turf is going dormant due to high or low temperatures, or lack of moisture.

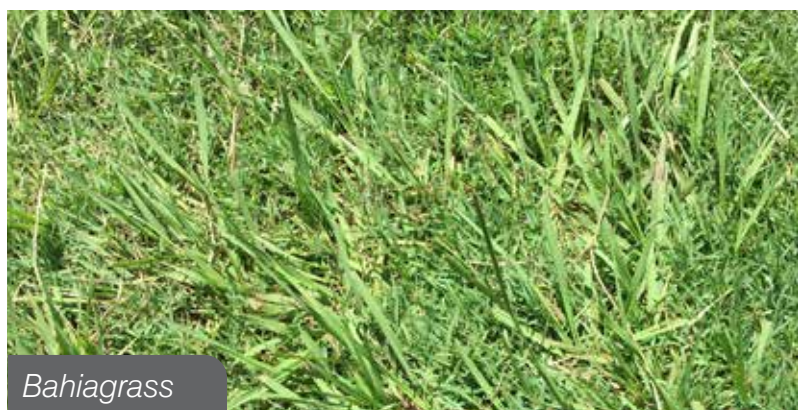
### ProForce Amigo 120ME – Use Rates & Label Recommendations

Situation	Rate per 100m <sup>2</sup>	Rate per Hectare (10,000m <sup>2</sup> )
Golf Greens (including <i>Poa</i> management uses)	4-20mL	400mL-2L
Bowling Greens – Bentgrass	10-20mL	1-2L
Bowling Greens – Couch	1.5-6mL	150-600mL
Fairways:		
Couch	6-16mL	600mL-1.6L
Kikuyu	16-40mL	1.6-4L
Cool Season	16-30mL	1.6-3L
Short Roughs & Well Maintained Lawns & General Turf Surfaces	10-60mL (turf species dependant)	1-6L
Long Roughs, Parks, Ovals, General Grasses Areas	10-60mL	1-6L
Bunker Facing, Edging, Fencelines, Around Trees	40-80mL	4-8L
Bahiagrass Grass suppression and seedhead control	20-40mL + herbicide	2-4L

### Mode of Action

The active ingredient in ProForce Amigo120ME, Trinexapac-ethyl inhibits gibberellic acid biosynthesis late in the pathway. This results in a significant reduction in cellular elongation and internode length. After application, new growth has shortened internodes, more tillers, and reduced vertical growth compared to untreated turf.

Trinexapac-ethyl is rapidly absorbed by the plant's leaves and crowns. The majority of uptake occurs within an hour of treatment. Absorption through roots is negligible, as the product is broken down in the soil environment quickly. ProForce Amigo 120ME is transported acropetally (upwards) in the xylem to the meristem, where cell elongation occurs. The systemic translocation properties of ProForce Amigo 120ME ensures even distribution of the active ingredient within the plant tissue. Full growth regulation with ProForce Amigo 120ME begins within 3-5 days of application.



Bahiagrass

### Maximising performance

- > ProForce Amigo 120ME is absorbed by leaf and stem tissue only.
- > It has no soil activity. Do not apply if rainfall is expected within 1 hour, and do not irrigate turf for at least 1 hour after application.
- > Apply in 100-500L/ha. Preferably between 350-500L/ha.
- > Application volume should be adequate to ensure thorough and even coverage.
- > Knapsack Application: Apply in 2-10L of water per 100m<sup>2</sup>.
  - Do not apply to turf going into or coming out of dormancy.
  - Do not apply to turf recovering from wear, renovation or turf affected by disease, waterlogging or other stresses.
  - Be cautious using ProForce Amigo 120ME close to DMI fungicide applications (particularly Propiconazole).
- > Mowing:
  - Do not mow 4 hours post treatment.
  - Do not mow 1 hour pre treatment.