



# ADAMA

## Marvel® Ultra

TAME YOUR TURF

### Introduction

Quali-Pro Marvel® Ultra is a plant growth regulator used to manage growth and improve quality and stress tolerance of warm and cool season turf grasses. It promotes rich colour and lateral stem and root mass development, while inhibiting vertical shoot growth. Helps produce healthy, durable blades in turf grass.

### Key features

- Reduces the growth of grasses, reducing your time with mowing.
- Mixes with water completely, and it can be used with other pesticides and liquid fertilizers.
- Minimizes the need for edging of turfgrass along sidewalks, curbs, parking lots, driveways, flower beds, fences and around posts, outdoor furniture and trees.
- Safe to 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
- In combination with certain herbicides, aids in suppression of Bahiagrass seedheads.
- Schedule 5.
- Odourless, micro-emulsion concentrate, that is petroleum solvent free.

### Application sites

Managed turf on golf courses (greens, tees and fairways), bowling greens, sports fields, cemeteries, median strips, golf bunker facing, path and garden edging, roadsides and general grassed areas.

### Product information

**Active ingredient:**

120g/L Trinexapac-ethyl.

**Mode of action:**

Late gibberellic acid biosynthesis inhibitor (slows the production of gibberellic acid, a plant hormone that promotes cell elongation).

**Formulation:**

Micro Emulsion Concentrate.

**Registered crops:**

All major warm and cool season turf varieties.

### Application information

**Application timing:**

Any time of year where growth regulation is required, but generally during peak growth periods.

**Water volume:**

200-500L/ha.

**Spray quality:**

Course droplet, e.g. AIXR11004 nozzles @ 8km/h and 3 bar pressure.

**Re-entry period:**

When spray has dried on leaf.

**Rainfastness:**

1-3 hours.

# Quali-Pro Marvel® Ultra

## Key Application Information

- The rates recommended on the label are designed to give a 20 - 50% reduction in clippings over a 2 - 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.
- Utilising a growing degree day (GDD) calculator is a far more precise way to tailor the timing of application, through avoiding overapplication (from too closely overlapped applications), or underapplication (which may result in an undesirable and often untimely rebound effect).
- Quali-Pro Marvel® Ultra 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.
- Avoid use during periods where turf recovery is required (e.g. following renovations).
- Be aware that some fungicides, particularly those from the DMI group, exhibit low level PGR effects. Adjust rates of Quali-Pro Marvel® Ultra accordingly when using these fungicides to avoid over-regulation.

## Marvel® Ultra 120 ME Key Use Rates\*

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

\*This information is not intended to replace the product labels. Always read the complete product label appearing on the container before opening or using products.



Scan here for more information

Refer to label for specific application recommendations.

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