

## Photosynthetic Efficiency Enhancer

### MoCa™ 5-0-5

A new plant growth fertiliser that is designed for foliar applications on turf, ornamental, and horticultural crops.

Using a novel nutrient uptake technology and select micronutrients, *MoCa™ 5-0-5* boosts plant energy, encourages plant stress tolerance and promotes healthy plant growth throughout the growing season.

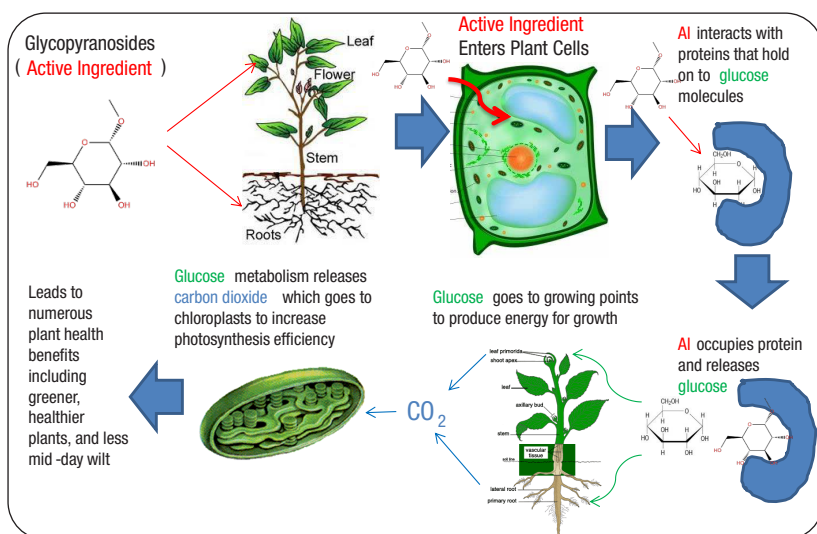
### Ingredients

Total Nitrogen (N)	5.0%
4.0% Urea Nitrogen	
1.0% Nitrate Nitrogen	
Elemental Potassium (K)	4.0%
Calcium (Ca)	1.0%
Copper (Cu)	0.5%
Iron (Fe)	0.1%
Manganese (Mn)	0.5%
Molybdenum (Mo)	0.0005%
Zinc (Zn)	0.5%

### Directions for use

Apply 100 ml / 100 m<sup>2</sup> every 14 days

### MoCa™ Mode of Action



### Benefits of MoCa™

- ✓ Promotes healthy growth in plant roots and shoots.
- ✓ Boosts plant energy for growth and recovery.
- ✓ Promotes plant stress tolerance.
- ✓ Nutrients promote plant density, vigour and strength.

*MoCa™ 5-0-5* is available in a 10L pack size.



Contact Greenway Turf Solutions to learn more

T 07 3382 7187

E sales@greenwayturfsolutions.com

W greenwayturfsolutions.com

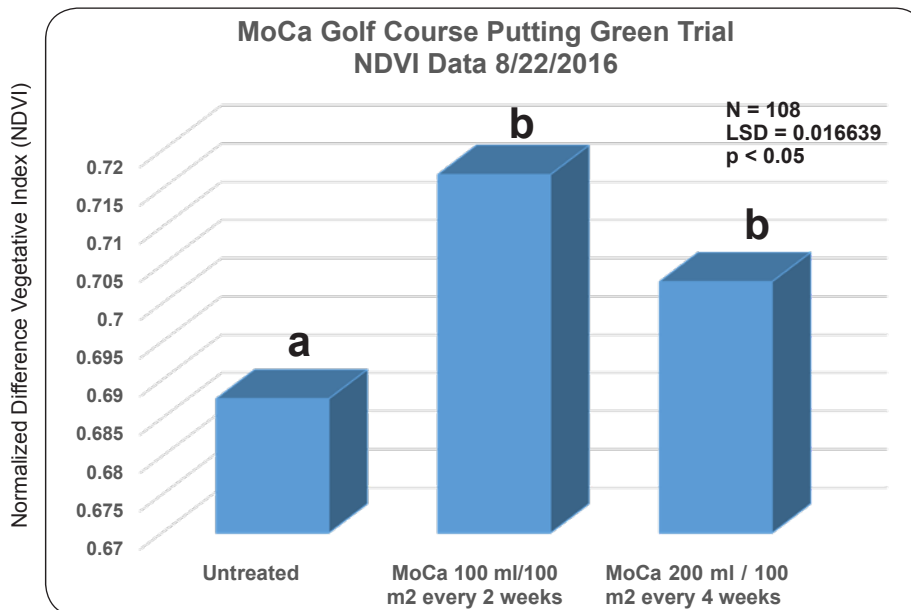
## MoCa™ 5-0-5 Performance: Field Trial Summary

In a replicated golf course putting green field trial, MoCa™ 5-0-5 significantly improved the turf colour and quality over a standard fertiliser program of the untreated plots.

Plots treated with MoCa™ 5-0-5 maintained healthy colour and growth during periods of heat and drought stress while the untreated control continued to decline.

Plots treated with MoCa™ 5-0-5 also recovered from aeration quicker than the untreated plots.

## Aeration Recovery 5 days post aeration



Monthly NDVI ratings showed that MoCa™ 5-0-5 significantly ( $p < 0.05$ ) improved putting green colour and quality over the untreated control. While not statistically significant, on every rating date, best results appeared to be seen when MoCa™ was applied at lighter and more frequent rates (100 ml / 100 m<sup>2</sup> every 14 days).

*\*Data subjected to Analysis of Variance (ANOVA) and means separation estimates were determined by Fishers Least Significant Difference (LSD). Treatments with different letters are significantly different from one another  $p < 0.05$*

After applications were initiated in early June, MoCa™ 5-0-5 treatments every 14 - 30 days consistently improved turf colour and quality over the untreated control throughout the season. This was most obvious when the plots were subjected to periods of heat, drought and mechanical (aeration) stresses.

