

**MICROSOIL'S RANGE OF LIQUID FERTILISERS HAS BEEN INDEPENDENTLY PROVEN** to offer a highly effective means of delivering plant nutrition. The products improve soil and plant health while minimising wastage via improved fertiliser use efficiency.

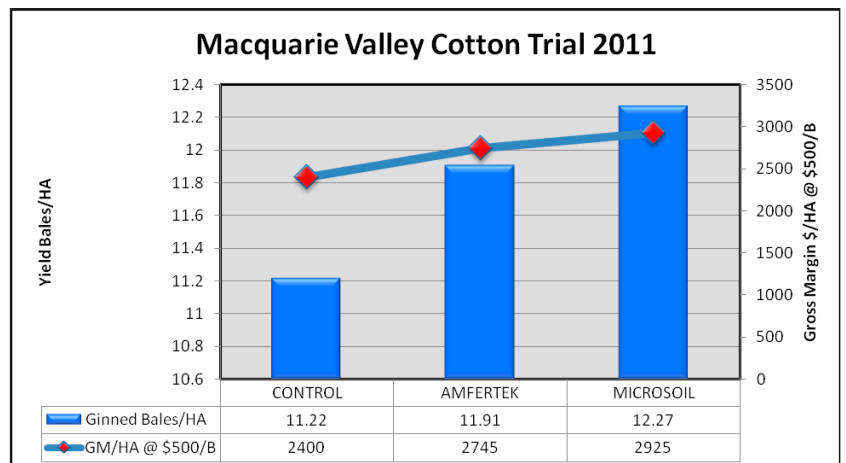
Microsoil contains a unique, patented combination of nutrient, trace minerals, biology, plant stimulants and acids all working to help mitigate risk and improve returns for your operation.



## DEMONSTRATION TRIAL DATA

Most of Microsoil's work in the cotton industry has been conducted in the Macquarie and Lachlan Valleys of NSW. Trial work has focussed on yield improvement, plant nutrition levels, application timings and application methods. Microsoil has proven to be able to reduce upfront granular fertiliser applications while increasing yields.

The use of Microsoil liquid injected at planting has also demonstrated the ability to promote strong early emergence in cotton plants with well developed root systems. Microsoil products applied in crop either via water run or foliar applications have shown very good uptake levels in plants, playing a key role in providing an ideal nutrient balance to growing cotton crops.



This demonstration trial saw Microsoil achieve an extra bale per HA over a Control that consisted of a standard granular fertiliser program for cotton.

Please refer to [www.microsoil.com.au](http://www.microsoil.com.au) for further trial details.



## APPLICATION METHODS

Liquid inject, band spraying, fertigation, water run, aerial. Microsoil liquid fertilisers are compatible with a range of pesticides.

## COTTON PRODUCTS, APPLICATION RATES AND TIMINGS

PRODUCT	ANALYSIS	APPLICATION RATE/HA (Dilute with 70-100L water/HA)	APPLICATION TIMING
<b>NPK STARTER</b> A robust combination of the major macro nutrient requirements of your crop designed for uniform application along the plant line to maximise nutrient exposure to germinating plants.	N8%, P5%, K2%, S1%, Zn0.5%	40	Liquid inject at planting
<b>CROP STARTER</b> Macro nutrients along with trace minerals, biology (including VAM), plant stimulants and humic, fulvic and amino acids. A combination designed to enhance nutrient uptake and early plant vigour. Compatible with UAN Nitrogen.	N4%, P5%, K2%, S1%	10	Liquid inject at planting or 2-3 leaf stage via boom
<b>PROTEIN NITROGEN</b> A slow release liquid Nitrogen in a Protein form that will not burn your crop and is less susceptible to leaching. The Nitrogen is efficiently delivered to the plant via the addition of biology and stimulants.	N26% (in Protein form)	30 - 50	Liquid inject at planting or 2-3 leaf stage via boom
<b>IN CROP</b> Contains an increase in Nitrogen in the macro nutrients to enhance plant development along with biology, stimulants and trace minerals. Compatible with UAN Nitrogen.	N10%, P3%, K3%, S1.3%	10	After side dress
<b>CALCIUM+ZINC</b> Ca and Zn are commonly required pre-flowering to help plants reach their yield potential. The product also contains biology, stimulants and trace minerals.	PO.2%, K0.1%, Ca0.5%, Zn0.3%	10	After side dress

**MICROSOIL**  
liquid fertiliser

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[www.microsoil.com.au](http://www.microsoil.com.au)  
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DISCLAIMER: without limitation, all information about products and their use shall be used as a guide only and should not replace professional on farm advice.