



INNOVATIVE and AUSTRALIAN

## PROFESSOR MAC'S 3 in 1 Insecticide, Fertiliser and Wetting agent.



*PROFESSOR MAC'S is based on essential oils and is a 3 in 1 Insecticide, Fertiliser and Soil wetter.*

### ORGANIC INSECTICIDE

Protect your lawn and garden against insect pests using the patented **PROFESSOR MAC'S 3 IN 1** containing the active constituents Eucalyptus Oil and Tea Tree Oil. Both of these University tested ingredients are plant extracts and replace the need to use synthetic pesticides.

**PROFESSOR MAC'S 3 in 1** acts as an effective control against two of the most common lawn insect pests Lawn Army Worm and African Black Beetle.

The in build wetting agents help to move the plant extracts into soil profile where they can contact the insects and effectively control them before they damage the grass.

### FERTILIZER

**PROFESSOR MAC'S 3 IN 1** promotes healthier, greener, stronger turf by improving the nutrition of your lawn. This balanced fertilizer will not only give the lawn great colour but also ensure a strong root system and a healthy plant. The organic fertilizers increase the water-holding capacity of the soil and improves its physical structure. As well as reducing com-

paction this allows more air to get to plant roots and increases the length of the root system. The product contains Nitrogen, Phosphorus and Potassium as well as essential trace elements like Iron, Boron, Magnesium, Copper, Cobalt and Molybdenum.

### SOIL WETTING AGENT

Soil wetting agents are products which are used to improve water penetration and overcome water repellency in soils. Sandy soils and soils high in undecayed organic matter are the most likely to become water repellent. Water applied to these soils simply rolls off and is not absorbed. The wetting agents in **PROFESSOR MAC'S 3 IN 1** do not change the structure of the soil but work by reducing the surface tension of the water and hence makes the water wetter. This also means that less water is necessary as the wetting agents prevent the soil drying out as quickly.

### 3 IN 1

The combination of three technologies in the one product as well as the unique nature of the organic insecticide ensure a healthy, lawn free of Lawn Army Worm and African Black Beetle. **PROFESSOR MAC'S 3 IN 1** is suitable for use on all grass types and should be applied regularly for the best results.



**PROFESSOR MAC'S 3 IN 1** is available in a 1 litre pack and a 2 litre hose end applicator.

For more information about PROFESSOR MAC'S or other BARMAC products visit [www.barmac.com.au](http://www.barmac.com.au) or one of our distributors.  
Barmac Industries Pty Ltd Swanbank Australia

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## ANALYSIS

ANALYSIS	
Element	%w/w
Nitrogen (N) as fish and chicken waste	1.11
Nitrogen (N) as urea	3.45
Nitrogen (N) as nitrate	0.64
Total Nitrogen (N)	5.2
Total Phosphorus (P) as water soluble	0.2
Potassium as plant extract, fish and chicken waste	3.1
Potassium (K) as nitrate	1.9
Total Potassium (K)	5.0
Calcium (Ca)	0.68
Iron (Fe)	0.39
Magnesium (Mg)	1.10
Manganese (Mn)	7.20
Sulphur (as Sulphate)	2.80
Aluminium (Al)	0.20
Nickel	0.36
Maximum biuret	0.1125

### **DIRECTIONS OF USE FOR INSECT CONTROL:**

Use when damage from lawn insect pests is just noticed. Apply the contents of this 2L bottle over 100m<sup>2</sup>.

### **FOR LAWN FERTILISATION:**

Can also be used any time of the year as a lawn fertilizer. Apply the contents of this 2L bottle over 400m<sup>2</sup>.

### **FOR BEST RESULTS:**

Apply early morning or late afternoon.

### **WARNING:**

To ensure correct dilution only apply using the hose applicator. Water in application to wash product from the leaf. Attach hose to applicator and turn tap on to give moderate to high water pressure. Apply to lawn by walking at a steady pace and sweeping sprayer back and forth.