



BIORONE

New nutrient product carefully designed to stimulate plants into achieving optimum levels of production by improving flowering

Revised 7/2018

1. PRODUCT DESCRIPTION

BIORONE is a **NEW nutrient product carefully designed to stimulate plants into achieving optimum levels of production by improving flowering.** To be used by farmers who are striving to reach high levels of production, economically, with the technology of tomorrow.

2. PRODUCT SPECIFICATION

* Physical data

Appearance:	Brown Liquid
Odour:	Characteristic
Solubility in water:	Miscible
Bulk Density:	1.174Kg/L ±5%
pH 1:100 w/v:	7.2±5%

* Chemical data

BIORONE contains the following essential nutrients with **amino acids derived from sugar cane** extract for crop growth in a balanced format designed to increase optimum yield of the chosen crop:

Organic Matter (O.M.)	:	6.84% w/w ±5%	8.00% w/v ±5%	80.0g/L ±5%
Phosphorus (P ₂ O ₅)	:	8.55% w/w ±5%	10.0% w/v ±5%	100g/L ±5%
Potassium (K ₂ O)	:	8.55% w/w ±5%	10.0% w/v ±5%	100g/L ±5%
Nitrogen (N)	:	0.86% w/w ±5%	1.0% w/v ±5%	10.0g/L ±5%
Boron (B)	:	0.21% w/w ±5%	0.25% w/v ±5%	2.5g/L ±5%
Molybdenum (Mo)	:	0.17% w/w ±5%	0.2% w/v ±5%	2.0g/L ±5%
Cytokinins	:	0.026% w/w ±5%	0.03% w/v ±5%	0.3g/L ±5%

3. RECOMMENDED APPLICATION RATES

Crop	Application Rate		Rate of water
Pistachio	2 litre per ha just prior to blooming	Repeat every 14 days	400 litres water per ha to give good even coverage
Bush fruit	200 ml per 1000m ² 10-14 days after transplanting	Repeat every 10-14 days And soon after 1st cutting	Use 25-50 litre water per 1000 m ² to give good coverage
Tomato	200 ml per 1000m ² at 15-20 cm growth	Repeat just before blooming	Repeat at 14 day intervals using 25-50 litre water per 1000m ²
Cucumber	200 ml per 1000m ² at 4/5 leaf stage	Repeat just before blooming	Repeat at 14 day intervals using 25-50 litre water per 1000m ²
All vegetables	200 ml per 1000m ² at 3/5 leaf stage	Repeat at 14 day intervals	using 25-50 litre water per 1000m ²
Sugar Beet	2 l/ha at 4-6 leaf stage	Repeat at 14 day intervals	
Cereals	2 l/ha at Growth Stage 21 in autumn	2 l/ha at Growth Stage 30	optional: 1-2 l/ha at Growth Stage 51-71
Cotton	2.5 l/ha at early squaring	2.5 l/ha at first signs of flowering	2.5 l/ha 14 days later
Maize	2.5 l/ha at 4-5th leaf stage	2-2.5 l/ha just prior to tasselling	
Peanuts	2 l/ha at 4-6 leaf stage	2 l/ha at pegging	
Rice	2 l/ha at 4-6 leaf stage	2 l/ha at flag leaf emergence	

4. PACKINGS: 1 ltr bottle, 5 lt can, 210 lt drum.

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