



**PRODUCT INFO
& DATASHEET**

SICO BIO-PERPLEX 100

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

1. PRODUCT DESCRIPTION

BIO-PERPLEX 100 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 SPECIFICATIONS

BIO-PERPLEX 100 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:

Nitrogen (N)	1% w/w	Betaines (specific)	trace
Phosphorus (P2O5)	10% w/w	Carbon (C)	7% w/w
Potassium (K2O)	10% w/w	Amino Acids (free)	2.5% w/w
Boron (B)	0.2% w/w	Organic Matter (OM)	8% w/w
Molybdenum (Mo)	0.2% w/w	Cytokinin	Trace

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

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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