



Plant Bio Regulators (Pty) Ltd

41 Rudolph street, Sunderland Ridge, Centurion
PO Box 51454, Wierda Park, 0149

Tel: +27 (0) 12 666 7331 | info@plantbioregulators.co.za | www.plantbioregulators.co.za

Company Reg: 2004/030282/07 | VAT: 4570225591

NONTOX-SILICA™ AND THE PRODUCTION OF TOMATO

<i>Treatment</i>	B-carotene	Lycopene	Vita C	TDS	Firmness
<i>No silica</i>	1,46	3,42	35	4,70	8,20
<i>Plus silica</i>	2,35	7,02	83	5,50	10,20

APPLICATION OF NONTOX SILICA^R TO TOMATO AND GREEN PEPPERS

OPEN FIELDS

1. 4kg Nontox Silica^R per ha 7 days after transplanting.
2. 4kg Nontox Silica^R per ha 4 weeks after transplanting.
3. 2kg Nontox Silica^R per ha at first flowering.
4. Foliar sprays with 250–300ml Nontox Silica^R stock solution per 100 litres water, once per week as from first flowering.

HYDROPONICS

1. Start the Nontox Silica^R treatment by applying 40mg Si per litre irrigation water to all plantings.
2. 40mg Si per litre water is prepared by diluting 1000ml Nontox Silica^R stock solution per 1000 litres irrigation water.
3. Apply 10mg Si per litre irrigation water once per week.
4. 10mg Si per litre water is prepared by diluting 250ml Nontox Silica^R stock solution per 1000 litres irrigation water.
5. Foliar sprays with 250-300ml Nontox Silica^R stock solution per 100 litres water, once per week as from first flowering.

PREPARATION OF THE STOCK SOLUTION

1. Dissolve 400g Nontox Silica^R in one litre water (or 4kg in 10 litres water)
2. Shake or stir until all material is dissolved.
3. Leave overnight and then dilute as indicated above.

Nontox Silica^R is available as a powder and a ready to use stock solution

For technical enquiries contact John Pretorius 083-228 0258 or Hannes Coetzee 082-785 7595.