ORTHAGROW
CONTROL 4TH

Plant growth and resistance



ORTHAGROW CONTROL 4TH is an exclusive bio-blend supplemented with stabilised orthosilicic acid (OSA). This fourth-generation formulation was developed by the inventor of stabilised, bioavailable OSA. It offers six pathways to support growth and yield.

Benefits



Structure & defence

Strengthens tissue stability and reduces lodging. The epidermal barrier supports resistance to pathogens and insects.



Nutrition & light

Promotes more upright leaves and photosynthesis. Optimises nitrogen, phosphorus, potassium and micronutrient uptake.



Stress & post-harvest

Supports cell development, division and elongation. Strengthens fruit skin and improves quality and shelf life.

Application methods

Foliar spray

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1. Characteristics

Product type	Exclusive bio-blend based on stabilised orthosilicic acid (OSA).
Technology	Fourth-generation formulation based on stabilised, bioavailable OSA.
Packaging	1 litre.

2. Composition

Nutrients	Nitrogen (N) 0.5%; phosphorus (P) 2%; potassium (K) 0.7%.
Silicon / OSA	Silicon [Si(OH)4] 0.8% = 2.75% OSA.
Other ingredients	Stabiliser 48%; inert fillers 47.58%.

3. Application & Dosage

Application method	Foliar spray.
Recommended dosage	1 litre per hectare.
Frequency	Once a month.

4. Quality Control & Storage

Storage conditions	Store in a cool, dry place between 5 °C and 20 °C.
Shelf life	24 months from manufacture in the unopened original packaging.
Compatibility test	A preliminary jar test is recommended before tank-mixing with other products.

5. Traceability & Safety

Production year / Batch	See the printed packaging information for batch traceability.
Quality checks	Viability and microbiological purity testing by an independent laboratory.