ORTHAGROW

MATUR 4G

Uniform fruit ripening



ORTHAGROW MATUR-4G is a patented blend of phosphorus and potassium, enriched with trace elements and silicon. Its NPK ratio is tailored to the ripening stage of horticultural crops to accelerate and even out ripening.

NPK 0-9-46 + TE | Powered by OSA

Benefits



Faster ripening

Activates and stimulates fruit-ripening processes from the pre-ripening stage.



Physiological activation

Trace elements activate the plant's main physiological and metabolic processes.



Optimal quality

Maintains turgor, promotes starch-to-sugar conversion and balances sugars and acidity. Strengthens cell walls and reduces water loss.

Application methods

Foliar spray and fertigation

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1. Specifications & Composition

Formulation type	Water-soluble powder.
Appearance	Hygroscopic powder.
pH (1% solution)	2.0 - 3.0.
Solubility (5% minimum)	Clear solution.
Density	1.20 - 1.30 g/ml.
Total nitrogen (N)	0.0 % minimum.
Phosphorus (P_2O_5)	9.0 % minimum.
Soluble potassium (K_2O)	46.0 % minimum.
Soluble silicon [$Si(OH)_4$]	0.05 % minimum.

2. Application & Dosage

Application / Crops	Agriculture and horticulture; all crop categories.
Application stages	Fruit pre-ripening and ripening.
Foliar spray	1.25 kg per hectare per application.
Fertigation	5.0 to 7.5 kg per hectare per application.

3. Quality Control & Storage

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

4. Traceability & Safety

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