ORTHAGROW
FRUCFOLIA 4G

Fruit nutrition and development



ORTHAGROW FRUCFOLIA-4G is a patented blend of phosphorus and potassium, enriched with iron, trace elements and silicon. Its NPK ratio is tailored to fruit set and fruit development.

NPK 0-42-47 + Fe 2.8 + TE | Powered by OSA

Benefits



Fruit development

Promotes cell division and elongation. Helps reduce early and late fruit drop.



Energy optimisation

Iron regulates and optimises the plant's mitochondrial activity.



Nutrient mobility

Potassium optimises the source-sink relationship and transports photosynthesis products to fruit.

Application methods

Foliar spray and fertigation

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1. Specifications & Composition

Formulation type	Water-soluble powder.
Appearance	Hygroscopic powder.
pH (1% solution)	7.0 - 9.0.
Solubility (5% minimum)	Clear solution.
Bulk density	0.70 - 1.10 g/ml.
Total nitrogen (N)	0.0 % minimum.
Phosphorus (P_2O_5)	42.0 % minimum.
Soluble potassium (K_2O)	47.0 % minimum.
Iron (Fe)	2.8 % minimum.
Soluble silicon [$Si(OH)_4$]	0.05 % minimum.

2. Application & Dosage

Application / Crops	Agricultural applications; all crop categories.
Application stages	Fruit set and fruit development.
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.