ORTHAGROW
FLOR 4G

Crop flowering and fruit set



ORTHAGROW FLOR-4G is a patented blend of nitrogen, phosphorus and potassium, enriched with trace elements and silicon. Its NPK ratio is designed for the pre-flowering and fruit-set stages.

NPK 10-54-10 + TE | Powered by OSA

Benefits



Activates flowering

Activates the physiological transition from vegetative growth to flowering.



Physiological regulation

Trace elements regulate the crop's essential physiological processes.



Optimal NPK ratio

Promotes a balanced source-sink relationship during the transition to flowering and fruiting.

Application methods

Foliar spray and fertigation

ORTHAGROW FLOR-4G NPK
10-54-10 + TE - Powered by OSA

1. Specifications & Composition

Formulation type	Water-soluble powder.
Appearance	Hygroscopic powder.
pH (1% solution)	4.0 - 6.0.
Solubility (5% minimum)	Clear solution.
Bulk density	0.90 - 1.15 g/ml.
Total nitrogen (N)	10.0 % minimum.
Phosphorus (P_2O_5)	54.0 % minimum.
Soluble potassium (K_2O)	10.0 % minimum.
Soluble silicon [$Si(OH)_4$]	0.05 % minimum.

2. Application & Dosage

Application / Crops	Agricultural applications; all crop categories.
Application stages	Pre-flowering and fruit set.
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.