ORTHAGROW

INITIO 4G

Establishment and vegetative growth



ORTHAGROW INITIO-4G is a patented blend of nitrogen and phosphorus, enriched with trace elements and silicon. Its "Powered by OSA" formula is designed for the start of vegetative crop growth.

NPK 14-48-0 + TE | Powered by OSA

Benefits



Rapid establishment

Activates early vegetative growth, branching and leaf development.



Active metabolism

Sulphur stimulates the plant's metabolic processes.



Physiological regulation

Trace elements regulate the crop's essential physiological processes.

Application methods

Foliar spray and fertigation

ORTHAGROW INITIO-4G
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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	0.80 - 1.12 g/ml.
Total nitrogen (N)	14.0 % minimum.
Phosphorus (P2O5)	48.0 % minimum.
Soluble potassium (K2O)	0.0 % minimum.
Sulphur (S)	4.0 % minimum.
Soluble silicon [Si(OH)4]	0.05 % minimum.

2. Application & Dosage

Application / Crops	Agriculture; all crop categories.
Application stages	Early vegetative growth stage.
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.