



NPK 0-42-47 +2.8 Fe +TE



A Specialty Fertilizer

NPK 0-42-47 +2.8Fe+TE is a proprietary blend of plant essential nutrients (Phosphorus and Potassium) fortified with trace elements and silicon. The NPK ratio is ideal for application during fruit setting and fruit development phase in crop's cycle..

Product specifications

Physical Specifications

Contents	Specifications
Formulation type	Water soluble Powder
Appearance	Hygroscopic powder
pH (1%)	7.0-9.0
Solubility (5%. Min)	Clear Solution
Density (g/ml)	0.70-1.10

Chemical Specifications

Contents	Specification (% min.)
Total Nitrogen (as N)	0.0
Phosphorus (as P ₂ O ₅)	42.0
Soluble Potassium (K ₂ O)	47.0
Iron	2.8
Soluble silicon (as Si)	0.05

Derived from: Potassium tripoly phosphate, Ferrous sulfate, Chelated iron, Chelated Zinc, Disodium octaborate tetrahydrate, Chelated Manganese, Silicon di oxide

Application Details

- Suitable for use in agriculture as foliar applications and fertigation.

Application Dosage

- Foliar sprays: 15-20 oz per acre per application.
- Fertigation: 70-100 oz per acre per application.

Key Benefits

- Optimal ratios of NPK ensures proper cell divisions and elongations required during fruit development.
- Iron plays a regulatory role in optimizing mitochondrial activity.
- The combination reduces pre mature /late fruit drop.
- High content of Potassium optimizes source -sink relation and translocation of photosynthates to developing fruits.

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