

Technical Data Sheet (TDS)

Plant Immune Elicitor | Product Code: T27 | Prepared date: 2026-03-12

Product Snapshot

Product Name	Plant Immune Elicitor
Product Type	Nutritional products based on plant immune functions
Formulation	Liquid
Appearance	Black liquid
Solubility	Water-soluble liquid
Target Use	Soil, fertigation or foliar nutrition program; final rate and dilution to be confirmed by crop and local registration.
Manufacturer / Exporter	Shaanxi Agrinorm Import And Export Co., Ltd. Room 1801, Unit 4, Building 1, Shangfu North District, Yicui Garden, No. 31, Zhangba 2nd Road, Xi'an High-Tech Zone, Xi'an, Shaanxi, China Tel: +86-29-81131922 info@agrinorm.com.cn

Guaranteed Analysis / Composition

Test Item	Specification	Method / Note
Free Amino Acids	120 g/L	Declared value; confirm by batch COA and applicable method.
Proteins and Peptides	150 g/L	Declared value; confirm by batch COA and applicable method.
Total Nitrogen (N)	100 g/L	Declared value; confirm by batch COA and applicable method.
Chitosan	3000 mg/L	Declared value; confirm by batch COA and applicable method.
Alginate Oligosaccharide	50 g/L	Declared value; confirm by batch COA and applicable method.

Agronomic Positioning

- Free amino acids and peptides facilitate rapid nutrient uptake and promote vegetative growth, aiding crop recovery following stress.
- Total nitrogen content provides organic nitrogen nutrition, enhancing photosynthesis.
- Chitosan and seaweed oligosaccharides act as immune activators and biostimulants, helping crops resist stress, boosting vigor, and providing essential nutritional support.
- Suitable for high-value crops that require efficient foliar absorption, robust root activity, and high nutrient use efficiency.

Directions for Use

Application	Foliar spray: Dilute 600 – 800 times with water and spray evenly onto the foliage. Apply twice consecutively at intervals of 10 – 15 days. Drip irrigation or soil application: Apply via drip irrigation or fertigation at a rate of 15 L per hectare, adjusting based on soil moisture conditions.
Compatibility	Conduct a small jar test before tank mixing with pesticides, calcium products, phosphates or highly alkaline materials.
Storage	Store in a cool, dry, well-ventilated place. Keep container tightly closed. Protect from direct sunlight and freezing. Keep out of reach of children.

Compliance Note

This draft is for technical and commercial review. Final label claims, crop rates, registration category, contaminant limits and batch COA should be confirmed according to the destination market requirements. Avoid pesticide-like, disease-control or guaranteed-yield claims.