



Nano Phosphorus

Nano Phosphorus is a customized liquid phosphorus nutrient premix containing particulates of ionized phosphorus embedded in a colloidal amino acid matrix; along with phytase and phosphate enzymes for use in agricultural fertilization programs and animal feed supplementation.

Composition/Technical Specifications

Components	Composition (%) w/w
DAP – Diammonium phosphate	12.50
Citric Acid	12.50
Mono Potassium Phosphate	5.00
Potassium Chloride	5.00
L – Lysine Hydro Chloride	2.50
0.4% Chitosan	20.00
Formic Acid (Liquid)	1.60
Phytase Liquid	1.00

Symptoms of Phosphorous Deficiency

- Stunted plants and yield affected
- Older leaves are affected first and may acquire a purplish discoloration

Dosage and Method of Application

8 – 16 ml per litre of water for spraying, sprinkler or drip, to be applied during:

- before sowing
- when the crop is 1 – 2 weeks old
- one week before flowering
- 1 – 2 weeks before harvest

Benefits

- increase water absorption and lipid solubility of the mineral nutrient
- non-toxic to the plants
- rebuilds tired nutrition through re-mineralization
- high solubility and bioavailability
- improved plant health and increases the level of energy, water, and nutrient holding capacity
- nano Technology will help to make Phosphorus in small quantities to replace bags of Fertilize
- responsible for capturing and converting the sun's energy into useful plant compounds
- stimulates root development necessary for the plant to get nutrients from the soil
- responsible for crop maturity at the right time. Plants that lack phosphorous take time to mature and when they do, the fruits or seeds they bear are few and poor in quality
- helps to prevent and to fix Phosphorus deficiency in the cultivated crops
- helps reduce the intensity of chlorosis, withering in patches, formation of abnormal leaves, increases crop tolerance to diseases, and boost growth