



# Nano Potassium

This is Nano Potassium Nitrate which improves photosynthetic activities that result in increased synthesis of carbohydrates, fats, and protein.

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

## Composition/Technical Specifications

Components	Composition (%) w/w
Potassium Chloride	12.50
Citric Acid	12.50
L-Lysine Hydro Chloride	3.00
PEG - 600	0.05
Xantham Gum	0.03
Sodium Methyl Paraben	0.10
Sodium Propyl Paraben	0.05
Vitamin - C (Sodium Ascorbate)	0.25

## Benefits

- enhance root growth and development and improve drought tolerance
- decreases the intensity of chlorosis
- increases the protein content in plants
- enhance plant cell enlargement
- improves the color of fruits and flowers
- enhance the growth of young (meristematic) tissues
- improve the sugar content of crops such as fruits, carrots, and sweet potatoes
- improves the water utilization efficiency of the plant in general
- improves photosynthetic activities that result in increased synthesis of carbohydrates, fats, and protein

## Symptoms of Potassium Deficiency

- brown scorching and curling of leaf tips as well as chlorosis (yellowing) between leaf veins
- the appearance of purple spots on the undersides of the leaf
- reduction on plant growth, root development
- delay in seed and fruit development of the plant

## Dosage and Method of Application

### Foliar Spray

500ml/Acre once in 10-15 days