



# Nano Potassium

**Nano Potassium** is a light soft silver-white metallic chemical element of the alkali metal group presented as symbol K. Potassium is a major cation that is essential for plant, microbial and animal growth. Plants obtain their potassium requirement from the soil solution and respiration in plants.

Components	(%) w/w
Potassium as K	12.50
Organic Acids	12.50
Amino Acids	3.00
Biopolymers	0.08
Preservatives	0.15
Vitamins	0.25

## Dosage & Application

**Dose Recommended:** 500 ml/acre once in 10 to 15 days

1L delivers 32.82g K and 11.757g N in nano form which are equivalent to 820g K and 293.96g N in conventional fertilizer form. This is equivalent to about 1.6kg potassium chloride and 1.8kg crude protein

## Benefits

- Activation of numerous enzyme systems involved in the formation of organic substances and in the build-up of compounds such as starch or protein
- Cell enlargement
- Colour of fruits and flowers
- Concentrations of Isoflavones in crops like soya
- Development of the root system
- Growth of young (meristematic) tissues
- Nitrogen fixation by leguminous crops
- Photosynthesis
- Preserves quality of fruits & vegetables