



Nano Potassium Phosphate

Enters into plant system as a bioencapsulated molecule in whole and results in no antagonisms. Organic P and K content in this can replace ten folds inorganic P and K supplements. It is a non-phosphite phosphorous nutrient formulation to help harvest the best crop. This safely replaces use of dicalcium phosphate and phytase in animal feeds.

Components	(%) w/w
Phosphorous as P	4.6%
Phosphorous as P2O5	11.5%
Chloride as Cl	0.01% max
Iron as Fe	0.0005% max

Components	(%) w/w
Arsenic as As	0.0005% max
pH	2.85-4.0
Suitable pH Buffers	
Size of the particle	100 nano meters

Benefits

- 100% bioavailability
- 100% water soluble phosphorous
- Absorbed & metabolized more efficiently
- Absorbed by different routes than inorganic minerals
- Absorbed by the amino acid transport system
- Builds critical levels of phosphorous and potassium
- Cost effective
- Delivered in a form similar to that found in the plant
- Easy to administer
- Helpful in the cases of malabsorption conditions
- Imparts the plants ability to withstand phosphorus and potassium deficiencies
- Improved plant health
- Increases levels for energy, water and nutrient holding capacity

Dosage & Application

- **Seed soaking**
Diluted with water by 1:120 for vegetable seed
- **Seed dressing**
Diluted with 10L water for 100kg for field seed
- **Root dipping**
Diluted with water by 1:100-200
- **In drip**
750ml per acre once in 15 days
- **Foliar**
In vegetative phase: 1.5L per acre once in 21 days
In reproductive phase: 1L per acre once in 15 days