

## Specification of N-P-K: 13-0-45

N-P-K: 13-0-45 is Water Soluble Fertilizer contributing nitrogen 13 % and potassium 45 %. Potassium nitrate is a unique source of potassium by its nutritional value and its contribution to the health and yields of plants. Potassium nitrate outperforms other potassium fertilizers on crops of all types. Potassium nitrate increases yields and improves quality in vegetables, field crops, Flowers and fruit and nut trees. Potassium nitrate is an ideal source of N and K for optional plant nutrition. It is available in a variety of compositions and formulations, to suit specific crop requirements and growth environments.

Technical Name : <b>POTASSIUM NITRATE</b>		
Synonym	Saltpeter; Niter; Potassium Nitrate	
CAS No.	7757-79-1	
Molecular Formula	KNO <sub>3</sub>	
Molecular Weight	101.1	
Description	White Crystalline Powder Or Colourless Crystals	
<b>Specifications</b>	Solubility	Freely Soluble In Water, Very Soluble In Boiling Water,
	Identification	Potassium= +Ve & Nitrate = +Ve
	Assay	Min 99 %
	N As Nitrogen	Min 13 %
	K <sub>2</sub> O	Min 45 %
	Moisture	Max 0.4 %
	Chloride	Max 0.12%
	PH Of 5% Sol	6-7
	Water Insoluble	Max 0.01%