

## **Specification N-P-K: 12-61-00**

N-P-K: 12-61-00 is Water Soluble Fertilizer contributing nitrogen 12 % and phosphorus 61%. It provides nitrogen and phosphorus to plants at all growth stages, in hydroponic as well as soil grown crops. It is free from chlorine, sodium and heavy metals. It is suitable for all fertigation systems through drip irrigation, NFT, Sprinklers, etc.

Technical Name : <b>MONO AMMONIUM PHOSPHATE</b>		
CAS No.	7722-76-1	
Molecular Formula	$\text{NH}_4\text{H}_2\text{PO}_4$	
Molecular Weight	115	
Description	White Crystalline Powder	
<b>Specifications</b>	Solubility	Freely Soluble In Water
	Assay	Min 99 %
	N as nitrogen	Min 12 %
	Ammonium as $\text{NH}_3$	Min 14.3 %
	$\text{P}_2\text{O}_5$	Min 61 %
	Phosphorus (P) content	Max 20.3%
	Moisture	Max 1 %
	PH Of 5% Sol	4-5
	Heavy Metals Arsenic As	1 ppm
	Lead, Pb	1 ppm
	Water Insoluble	Max 0.05%