



INTRODUCTION

Strong powder Acid Fertilizer, pH < 2

Urea Phosphate is Acidic fully water soluble and high purity fertilizers used in horticulture. It's a unique product, because it is the only dry, strong acid in crystalline form. It contains 17% nitrogen (N) and 44% phosphorous (P₂O₅). It is Free of chlorine, sodium and other harmful Elements for Plants.

DEEBAJ offers a complete range of water soluble straight fertilizers, high purity, high quality products with the cooperation and support by the global fertilizers produce in the world.

DEEBAJ range of Straight fertilizers contain Potassium Nitrate (crystalline), SOP as high purity Potassium source, Urea Phosphate, MAP, MKP as water soluble phosphorous source, Ammonium Sulphate, Ammonium Nitrate and Urea as Nitrogen source. Calcium Nitrate as Calcium source and Magnesium nitrate as magnesium Source. For more information about full range of DEEBAJ products, water soluble powder, fertilizers, chelated Trace element, granular

Advantages of Urea Phosphate

Due to its dry characteristics it does not have the handling hazards which are often associated with liquids acids.

Due to its acidifying nature Urea Phosphate is particularly suitable for alkaline soil condition.

Due to its acidic nature it increases the nutrient uptake efficiency, which results in more leaf chlorophyll & net photosynthesis, thus higher crop productivity. Under normal conditions.

No additional acidic treatment is required where Urea Phosphate is applied

It reduces the bicarbonate content that helps to prevent blockages of pipes and nozzles of the irrigation system, which particularly might occur in hard water.

Increases efficiency of Nitrogen usage due to less Ammonia (NH₃) volatilization especially under alkaline soil condition & high temperature where N-Volatilization is very high.

Industrial Usage: Urea phosphate use as flame retardant, cleaning agent, rust agent and preservatives

Fertigation

1. Urea Phosphate can be used in fertigation, band application, water soluble NPK production and foliar applications. The table shows the recommended doses per type of application.
2. Urea Phosphate could be used during the whole season with higher amount during rooting growth stage <starter> and flowering stage, when the plants needs higher quantity of P.
3. Applying Urea Phosphate with urea fertilization Improves Urea Efficiency under alkaline soil condition due to less N-Volatilization.

Foliar Application

1. The presence of urea in Urea Phosphate will facilitate the penetration of the other nutrients applied via foliar sprays.
2. The reduction in pH of the spray tank solution may increase the availability of nutrients and improve the stability of pesticides when sprayed together in a tank mix. However, pH levels below 4 may provoke scorching

Application	Dosage		
	Conc%	g/Litre	Kg/ha
Fertigation in soil own crops (open field and greenhouse)	0.01-0.05	0.1-0.5	
Band Application			50
At Sowing using a micro granular application			
Foliar Spraying	0.1-3	1 to 30	

Specification of Urea Phosphate

Total ureic Nitrogen content (N)	17%
Total phosphorous content (P ₂ O ₅)	44%
Solubility	> 99.8%
Moisture	0.2%-0.5%
pH (1% solution)	1.60-2.00
Appearance	Crystalline powder
Colour	White
Odour	Odourless

Bagging

PP/BOPP with PE inner (resist tearing, easier to read, keep product drier, reduce caking problems)
Available in 25 Kg bags

Precautions for Storage

In order to prevent the product from moisture and deterioration, it should be stored indoor and covered with tarpaulene. Stockpiled at dry and ventilated places. Avoid exposure to sun.

To Measure Fertilizer Results

Deebaj products stand for quality. This extends beyond the product and into the field, bringing a tried and tested product range to growers. It gives you the certainty of growing more with each drop.

High Returns on Investment

Deebaj products combine knowledge and experience in fertigation and plant nutrition. By focusing on generating better yield and quality, rather than simply fertilizer costs, Deebaj products is better for the farmer's overall income.

DISCLAIMER

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DEEBAJ products specifically disclaims any responsibility or liability relating to the use of the suggested formulae and recommendations and shall under no circumstances whatsoever, be liable for any special, incidental or consequential damages which may arise from such use.