

3F P-44[®] 18-44-0

Urea Phosphate

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NP water-soluble fertilizer with acid reaction for fertirrigation with a high percentage of nitrogen and phosphorus. It features a high degree of purity and solubility; the acid reaction favors absorption of N and P as well as the other nutritive elements present in the soil or added to the mixture.

Nitrogen is present in the form of urea and phosphorus is totally water-soluble.

This product, when used with hard water, prevents formation of scale and clogging in fertirrigation systems. The phosphorus contained in 3F P-44 (18-44-0) is an excellent starter for crops, favoring root growth and rapid spring leafage by orchard crops.

Benefits

- 3F P-44[®] has the highest solubility rate compared to other phosphate sources.
- The product dissolves very fast.
- Reduced N volatilization with use of 3F P-44[®] urea phosphate.
- 3F P-44[®] is a very efficient acidifier.
- Helps keep nozzles and dripper clean and free from clogging.
- Can be use as an alternative to acids.
- Helps to increase the availability of micronutrients in high pH conditions.
- 3F P-44[®] can reduce water hardness.

Product Specification

Total N	18%	Appearance	white crystal material
Ureic N	18%	Water insolubles	<0.2%
Phosphorus P ₂ O ₅	44%	Acidity solution	2.75 (0.05%)

Solubility	790 g/l at 10°C 960 g/l at 20°C
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