

Diammonium phosphate (DAP)

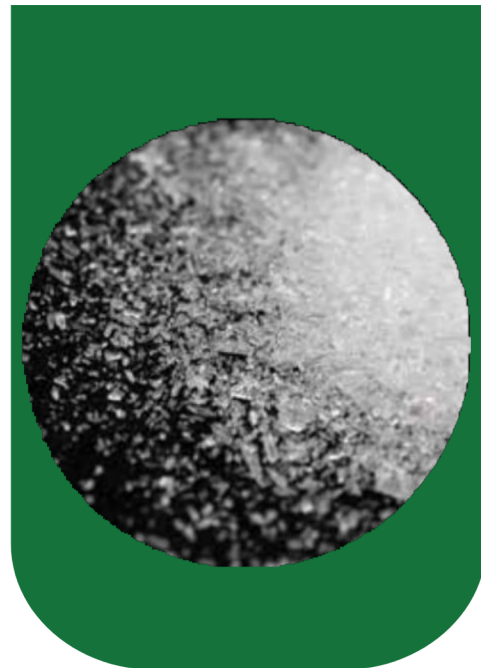
$(\text{NH}_4)_2\text{HPO}_4 \geq 99,5\%$

Diammonium phosphate is a water-soluble crystalline mineral fertilizer. Used on all types of soils. Especially effective on sour. The fertilizer is recommended for use in agricultural production, utilities and personal subsidiary plots in open and protected ground (in greenhouses, hydroponics, sprinkler systems). Diammonium phosphate is also used as a raw material for the preparation of liquid complex fertilizers.

Proven fertilizer benefits:

The effect of the drug on the soil and plants is due to the properties of its constituent phosphorus and nitrogen. The use of this complex mineral supplement has several advantages:

- Due to nitrogen, the growth of crops is stimulated, as a result, the time to harvest is shortened.
- Strengthens plant immunity, resistance to pests and adverse external factors. The palatability of agricultural products is improved.
- The greatest efficiency is achieved when fertilizing root crops and fruits with a high sugar content. It is thanks to this feeding that it is possible to increase their sugar content.



QUALITY CHARACTERISTIC

VALUE

Appearance	White crystals
$(\text{NH}_4)_2\text{HPO}_4$, %, min	99,5
Total Nitrogen (N), %	21 ±1
ammoniacal N (N-NH ₄), %	21 ±1
Total Phosphates:	
Water-soluble phosphates (on P ₂ O ₅ basis), %	53±1
P ₂ O ₅ soluble in neutral Ammonium Citrate,%	53±1
Moisture content, max, %	0,5
Insolubles, %, max	0.02
pH of 0,1 M solution	7,8-8,6
Fluorine (F,% max	0,02
Turbidity, NTU, max	10
Solubility in water at 200C, g/100 g	68,5
Friability, %	100
Granulometry:	
Mass fraction of particle size:	
less than 1 mm, %, not less	95
from 1 to 4 mm, %, not less	97
from 4 to 6 mm, %, no more	3
more than 6 mm, %	0

PACKAGING AND STORAGE CONDITIONS:

The product is packed in laminated polypropylene bags of 25 kg and 50 kg with polyethylene liner and in 1000, 1200 and 1250 kg big-bags.

Store in covered storage facilities that exclude penetration of precipitation and ground water. Warranty period is 1 year from the date of manufacture under the recommended conditions of transportation and storage. Shelf life is unlimited.

TS 20.15.72-004-36196786-2019