

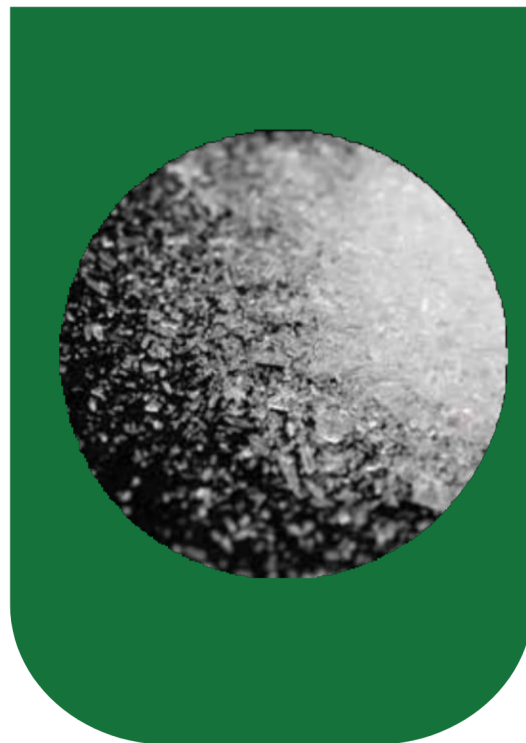
Monoammonium phosphate (MAP)

$\text{NH}_4\text{H}_2\text{PO}_4 \geq 99,5\%$

Monoammonium phosphate (MAP) - nitrogen-phosphorus water-soluble mineral fertilizer. It is used in the main and pre-sowing application, as well as as a top dressing during the growing season for various crops. Fertilizer MAP is recommended for use at the beginning of the growing season, when plants are most sensitive to a lack of phosphorus and their underdeveloped root system has a low assimilation capacity. MAP can be used at other stages of plant development - during the periods of budding, flowering, and fruit formation. MAP is perfect for fertigation, foliar feeding of all plants.

MAP BENEFITS

- MAP - 100% water-soluble fertilizer; contains nitrogen and phosphorus in an easily assimilable form for plants.
- The high content of water-soluble phosphorus (61% P_2O_5) and the moderately low pH value (4.3-4.5) makes it safer than urea phosphate.
- High purity of fertilizer (does not contain impurities) MAP does not contain salts (Cl^- and Na^+) and heavy metal ions.
- Reduces the content of nitrates in vegetables and potatoes.



QUALITY CHARACTERISTIC

VALUE

Appearance	White crystals
$\text{NH}_4\text{H}_2\text{PO}_4$, %, min	99,5
Total Nitrogen (N), %	12 ±1
ammoniacal N (N-NH_4), %	12 ±1
Total Phosphates:	
Water-soluble phosphates (on P_2O_5 basis), %	61±1
P_2O_5 soluble in neutral Ammonium Citrate,%	61±1
Moisture content, max, %	0,3
Insolubles, %, max	0.04
pH of 0,1 M solution	4.3-4.5
Fluorine (F,% max	0,02
Turbidity, NTU, max	25
Solubility in water at 200C, g/100 g	37,3
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 accordance with the current regulatory documents of the manufacturer. Packaging of products as agreed with the consumer: bags up to 10 kg; 22.7 kg; 25 kg; big bags 1000 kg; 1050 kg; 1200 kg; 1250 kg.

Store in covered warehouses, excluding the ingress of atmospheric precipitation and moisture.

Warranty period of storage and shelf life according to

TS 20.15.73-005-36196786-2019