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## Mono-ammonium phosphate (MAP) NP 12:52:0

MAP NP 12:52:0 is the best solid granular fertilizer to enrich crops with phosphorus and nitrogen which is easy to uptake. Both these nutrients are very important for good sprout and vegetation. When MAP fertilizer granules are treated in soil the temporary acidification of the soil around turns into faintly alkaline reaction that provides immense nutrition to soil and together with Ammonia, Nitrogen help plants to intake phosphorous in higher levels

Grade	NP 12:52
Appearance	Greyish granules
pH	5.2—6.0
Granule static strength	MPa 3- 6
P <sub>2</sub> O <sub>5</sub> (Phosphorus Pentoxide)	52 ± 1%
P2O5 available	97 ± 1% of the total P2O5
Moisture content(max)	1.5%
Total nitrogen (N)	12 ± 1%
MgO ( Magnesium Oxide)	0.1- 0.6
Granulo-metric composition/ Granule composition	
Under 1 mm, max.	3%
2-5 mm, min.	95%
under 6 mm	100%

### Advantages

- 1) Concentrated chlorine and nitrate-free NP fertilizer. Especially effective on soils with low phosphorous content.
- 2) Contains phosphate in water-soluble, readily-available form.
- 3) Improves plant resistance to stress such as drought or frost and certain diseases.
- 4) Increases sugar content in fruit and root-crops.
- 5) Suitable for most soil and crop types. Especially efficient as an autumn applied fertilizer for winter crops, as a main fertilizer dressing for root-crops and as a supplementary dressing for fruits crops.
- 6) Excellent storage and spreading characteristics due to superb granule strength.
- 7) Produced from pure raw materials. Suitable both for straight application and blending.

### Applications

1. Period: autumn, spring
2. Method: broadcasting, during sowing
3. Soils: alkaline soils (pH (H<sub>2</sub>O) > 7.5)

Accredited: ISO9001:2015 | ISO 14001:2015 | ISO45001:2018



**BUOYANCY**<sup>®</sup>  
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## Packing

MAP is available in bulk and big-bags (500-1000 kg) and on the request in 25 or 50 kg bags.

## Storage

- 1) Prevent from moisture absorption, keep away from heat,
- 2) Keep in air well-ventilated area, do not contact with acids and alkaline substance,
- 3) Protect from dust.
- 4) Ensure bags are sealed and in good condition

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