POLESTAR
نجم القطب
Polestar Worldwide General Trading LLC

Mono Ammonium Phosphate (MAP)-12:52:0

MAP NP 12-52-0 is a crystalline fertilizer that is fully water-soluble. It provides an efficient source of phosphorus and nitrogen for plants, making it especially recommended for use at the beginning of the growing season when phosphorus availability is critical for establishing the root system.

MAP NP 12-52-0 can be blended with other fertilizers to meet the nutritional needs of crops throughout their growth cycle. It is also suitable for preparing fertilizer blends and for producing liquid fertilizers. However, it should not be mixed with any fertilizers containing calcium or magnesium.

Grade	NP 12:52
Appearance	Greyish granules
pH	5.2—6.0
Granule static strength	MPa 3- 6
P_2O_5 (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
Granule-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, effective for low-phosphorus soils.
2. It contains readily available phosphate and enhances plant resistance to drought, frost, and diseases.
3. Improves sugar content in fruit and root crops. Suitable for various soil and crop types,
4. It's ideal for autumn application on winter crops, as a primary dressing for root crops, and as a supplementary dressing for fruit crops.
5. Offers excellent storage and spreading properties due to its strong granules and is made from pure raw materials, making it suitable for both direct application and blending.

+971 04 513 5655
+971 04 513 5656
www.polestarworldwide.ae
P O Box Number : 13866
export@polestarworldwide.ae
inquiry@polestarworldwide.ae

POLESTAR
نجم القطب
Polestar Worldwide General Trading LLC

Applications

1. Period: autumn, spring
2. Method: broadcasting, during sowing
3. Type of Soil: Alkaline soil (pH (H2O) > 7.5)

Packing

50 kg bags, 1,000 kg jumbo bags, break bulk, or as requested.

Storage

1) Prevent moisture absorption, keep away from heat,
2) Store in a well-ventilated area, away from contact with acids and alkaline substances.
3) Protect from dust and ensure bags are sealed and in good condition.

Comments

Typical chemical and physical properties do not constitute product specifications and are not guaranteed or warranted. These properties are provided for informational purposes only.

PLEASE OBTAIN A PRODUCT SAFETY DATA SHEET FOR MORE INFORMATION.

This product's Safety Data Sheet (SDS) provides essential information about the environmental, health, and safety precautions needed for its handling and storage. You can obtain the most up-to-date version of the SDS by contacting a representative from Polestar Worldwide General Trading LLC.

+971 04 513 5655
+971 04 513 5656
www.polestarworldwide.ae
P O Box Number : 13866
export@polestarworldwide.ae
inquiry@polestarworldwide.ae