



ALMAZ GROUP®

## Ammonium Phosphate NP

**Ammonium Phosphate NP** is a highly effective granular nitrogen-phosphorus fertilizer for open ground. It can be used for basic, pre-sowing application, as well as as top dressing during the growing season for different crops on different types of soil.

Adding fertilizer to the soil contributes to an improved supply of plant nutrients, in particular, nitrogen and phosphorus. This is achieved due to the concentration of granules around the seeds and roots of seedlings. The granules gradually dissolve in the soil moisture, which provides plants with full nutrition for a long time.

We produce the following types of Ammonium Phosphate NP:

1. **Ammonium Phosphate NP 12:39; NP 10:36; NP 10:33**
  2. **Fertilizer mixture NP 12:52; NP 10:46** consisting of fertilizers - Monoammonium phosphate and Ammonium Phosphate of different brands.
- One of the most effective granular fertilizers for providing plants with easily accessible phosphorus and nitrogen - the most important vital nutrients that contribute to the growth and development of any crop. Due to the temporary moderate acidification of the soil solution around the fertilizer granule, the greatest effect is observed in nutrition systems on soils with a neutral and slightly alkaline reaction environment. The ammonium form of nitrogen contributes to a better supply of phosphorus to plants.



### QUALITY INDICATORS

### VALUE

	NP 12:39	NP 10:36	NP 10:33	NP 12:52	NP 10:46
Appearance	Light gray granules				
Total Nitrogen (N), %	12±1	10±1	10±1	12±1	10±1
Mass fraction of total phosphates, in terms of P <sub>2</sub> O <sub>5</sub> %	39±1	36±1	33±1	52±1	46±1
Mass fraction of water, %	1,0±0,5			1,5	
Granulometric composition: mass fraction of granules in size:					
- less than 1 mm,%, max	3			2	
- from 1 mm to 4 mm,%, min	95			90	
- less than 6 mm, %	100			100	
Statistical granules strength, MPa, min	3.0				
Friability, %	100				

### PACKAGING AND STORAGE CONDITIONS:

The product is packed in 50 kg laminated polypropylene bags with polyethylene liner and 500, 800 and 1000 kg big-bags. Store in covered storage facilities that exclude penetration of precipitation and ground water.

The product packaged in big bags can be stored in open areas with a hard ground surface and under cover.

The warranty period is 9 months from the date of manufacture under the recommended conditions of transportation and storage. Shelf life is unlimited.

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### MANUFACTURER: ALMAZ FERTILIZERS