

# MAP

Monoammonium Phosphate



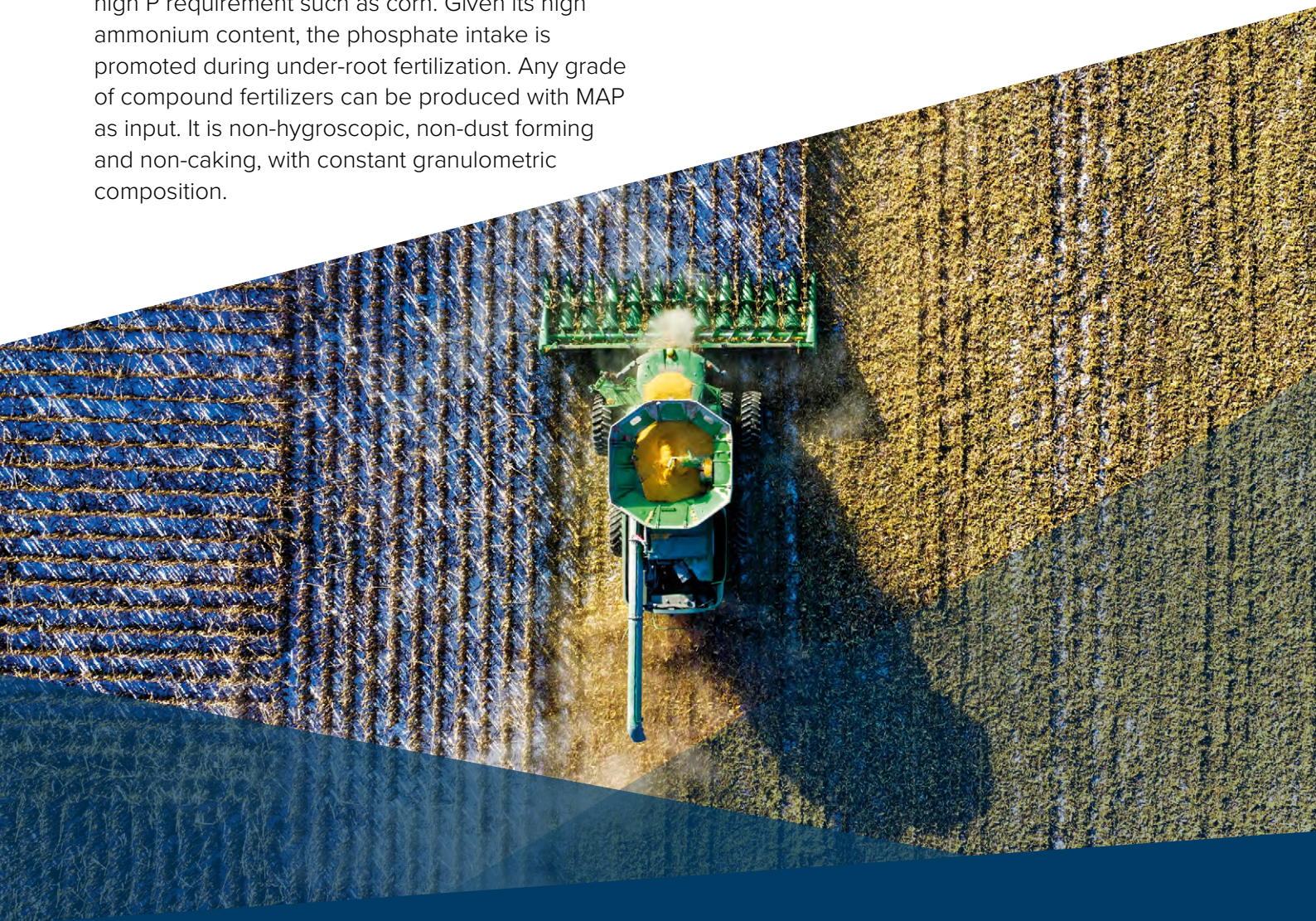
## For high P requirements

### Properties

MAP ( $(\text{NH}_4\text{H}_2\text{PO}_4)$ ) is a highly concentrated granular phosphate-nitrogen fertilizer, produced via the neutralizing of phosphoric acid with ammonia. The phosphate is well soluble in water, and the nitrogen is in ammonium form. MAP is an effective universal fertilizer which can be used for all types of crop and all kinds of soil. It is especially useful as an under-root fertilizer in crops with a high P requirement such as corn. Given its high ammonium content, the phosphate intake is promoted during under-root fertilization. Any grade of compound fertilizers can be produced with MAP as input. It is non-hygroscopic, non-dust forming and non-caking, with constant granulometric composition.

### Key benefits

- Universal source of N and P
- Good spreading behavior thanks to a balanced range of granule sizes
- Suitable for fertilizer mixes thanks to excellent granular properties





# MAP

## Monoammonium Phosphate



Cereals



Corn



Root Vegetables



Sugar Crops



Potato



Vegetables



Grassland



Fruits



Berries

### Technical data

Total nitrogen (N) content	12.0%
Ammonium nitrogen (NH <sub>4</sub> )	12.0%
Total phosphate (P <sub>2</sub> O <sub>5</sub> )	52.0%
Moisture, max	1.0%
Granulometry	
< than 1 mm	2.0%
2–5 mm, min	95.0%

### Application

1–3 times within the growing season. Application rates must meet the crop requirements. The nutrient content of the soil must also be considered to avoid over-application. The recommendations of the official advisory service should be followed.

### Packaging, handling and transportation

We offer several packaging and transportation options to ensure a safe and efficient delivery process. Please contact our local team to learn about the options available to you.

### Production facilities

- Phosphorit, Russia
- Lifosa, Lithuania
- EuroChem BMU, Russia

