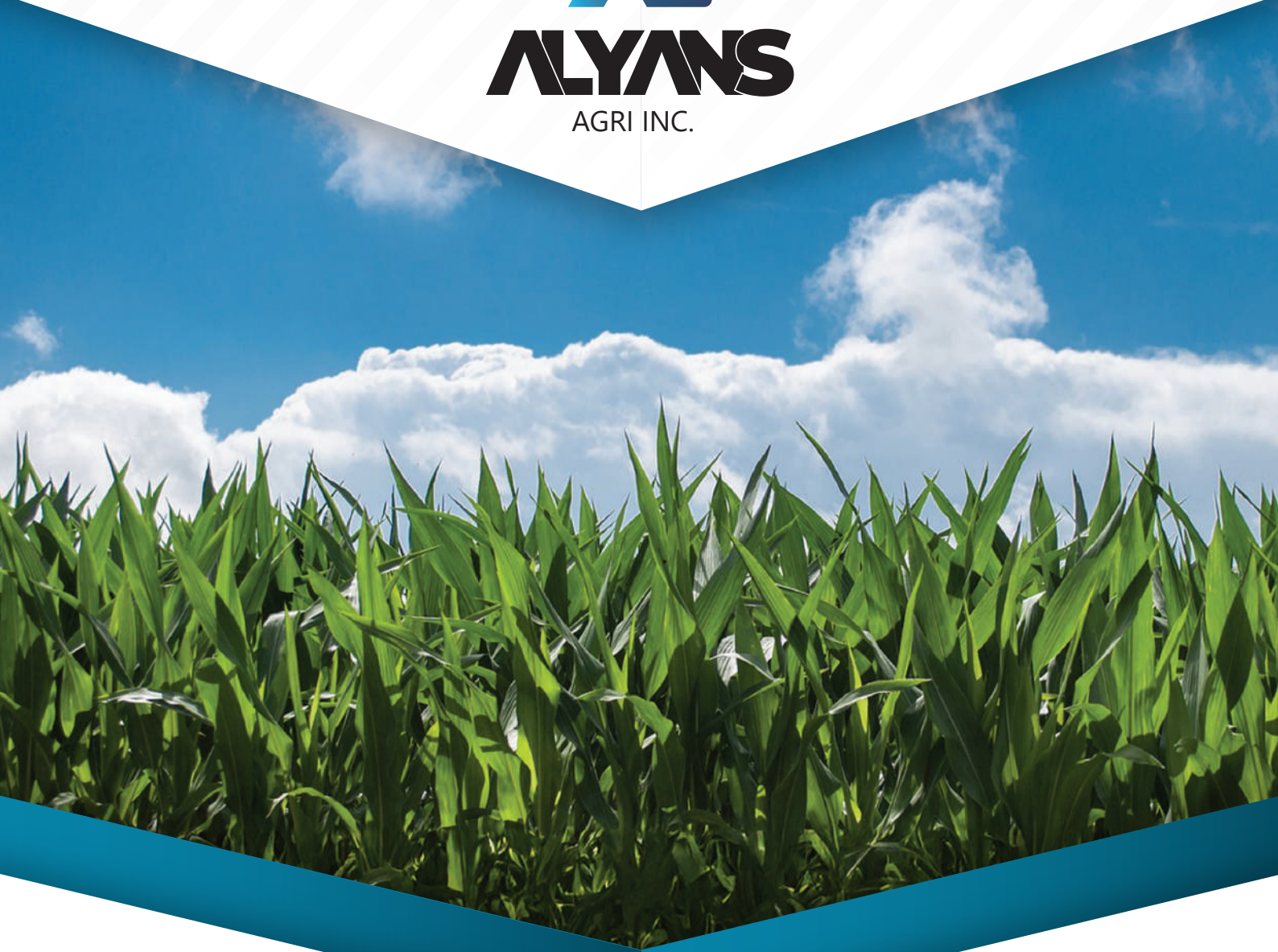


ALYANS AGRI



FERTILIZER CATALOG

2024

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Monoammonium Phosphate (MAP)

NP 12:52

The best solid granular fertilizer that provides phosphorus and nitrogen that are easy for crops to absorb. These nutrients are vital for rapid sprouting and vegetation. Temporary moderate acidification of the soil solution around the fertilizer granule provides the greatest effect for nutrient systems in soils with neutral and slightly alkaline reaction. Ammonia nitrogen contributes to better phosphorus uptake by plants.



Monoammonium Phosphate (MAP) NP 10:46

A granular fertilizer that provides open access phosphorus and low nitrogen to agricultural plants. It is an excellent starter fertilizer applied at planting time. The decrease in temperature provides the necessary phosphorus nutrition to the plants. It provides some advantages in neutral and alkaline soils by temporarily acidifying the soil around the granule.



Ammonium Sulfate Fertilizers

Ammonium sulphate fertilizer is a physiological acid fertilizer containing 21% ammonium nitrogen and 24.2% sulfur. It is also known as 'Sugar Fertilizer' among farmers because its appearance resembles crystal sugar. Granular ammonium sulphate contains 20.5% ammonium nitrogen and sulfur. Its external appearance is granular. Since the nitrogen in its structure is in ammonium form, it is not lost by being washed from the soil and is effective for a long time. The sulphate form of sulfur in their structure is sufficient to fully meet the needs of plants. Since it will acidify the environment when dissolved in the soil, it increases the uptake of micronutrients in calcareous and high pH soils.



Calcium Ammonium Nitrate (CAN %26 N) Top-Dressing Fertilizer

CAN fertilizer contains a total of 26% nitrogen in ammonium (NH_4^+) and nitrate (NO_3^-) forms. It is a top dressing fertilizer used in fertilizing all plants except rice, especially in non-calcareous soils with acidic pH. While CAN fertilizer provides the nitrate that the plant needs on the one hand, it also meets the nitrogen that the plant will need throughout the entire growing season by retaining ammonium ions by the soil colloids.



20-20-0 NP Fertilizers

It contains 20% nitrogen (N) and 20% phosphorus (P2O5) as active ingredients. It is the most widely used two-nutrient compound fertilizer in our country and in the world. Since nitrogen and phosphorus are balanced in its structure, when base fertilization is done, both nutrients can be easily absorbed by the plant when dissolved in soil water.



15-15-15 NPK Fertilizers

It is a compound fertilizer suitable for soils that need nitrogen, phosphorus and potassium. There are 15 kg of nitrogen (N), 15 kg of phosphorus (P₂O₅) and 15 kg of potassium (K₂O) in 100 kg of this fertilizer. It should be used in soils that need nitrogen, phosphorus and potassium after soil analysis.



DAP Fertilizer (Diammonium Phosphate 18-46-0) Base Fertilizer

DAP fertilizer, offered by Alyans Gübre A.Ş., is a high-quality compound fertilizer that provides two essential nutrients for plants: phosphorus and nitrogen. With a nutrient composition of 18% nitrogen (N) and 46% phosphorus as phosphorus pentoxide (P₂O₅), this fertilizer is particularly effective in promoting early plant growth due to its ammonium (NH₄) form of nitrogen. The fertilizer's homogeneous and granular appearance ensures easy application, with particle sizes between 1-4 mm, and a moisture content of no more than 1.5%.

Packaged in 50 kg polyethylene bags with a durable polypropylene outer layer, DAP fertilizer enhances plant health by improving yield, color formation in fruits and vegetables, and increasing tolerance to extreme conditions like cold and drought. Additionally, it strengthens resistance to diseases and pests, extends shelf life, and improves the aroma, flavor, and vitamin content of crops. With at least 40% of its phosphorus being water-soluble, DAP fertilizer ensures efficient nutrient uptake, making it an excellent choice for optimal agricultural results.



Urea Fertilizer 46% N Top-Dressing Fertilizer

Urea fertilizer is easier to use thanks to its prill structure. It is kept safely. Since it contains a higher percentage of nitrogen (46%) than other nitrogenous fertilizers, it contains more nutrients in a small volume. Its concentrated feature provides great convenience in transportation, storage and use. Therefore, it is an economical fertilizer.

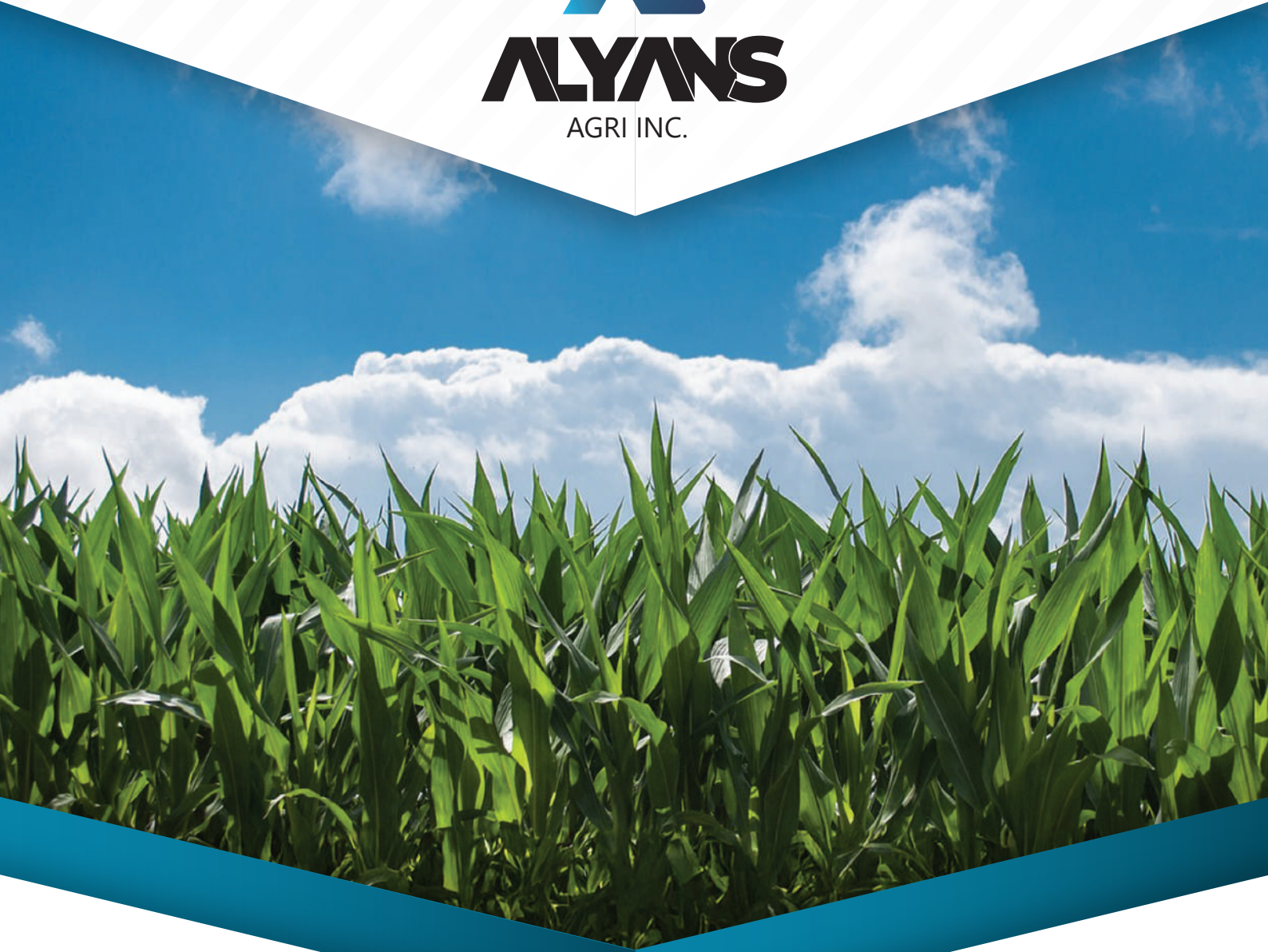


Monoammonium Phosphate (MAP)

NP 12-61

A granular fertilizer that provides open access phosphorus and low nitrogen to agricultural plants. It is an excellent starter fertilizer applied at planting time. The decrease in temperature provides the necessary phosphorus nutrition to the plants. It provides some advantages in neutral and alkaline soils by temporarily acidifying the soil around the granule.

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