



Nurturing the Growth of Your Harvest at All Times

# PRODUCT CATALOG



# NITROGEN



- **Urea - NPK 46-0-0** Urea is an essential fertilizer in agriculture, efficiently providing nitrogen to promote rapid plant growth and increase crop productivity. Its high nitrogen concentration (46%) allows for economical application, improving soil quality and stimulating healthy development of leaves, roots, and fruits across various crops.
- **Ammonium Nitrate - NPK 34-0-0** Ammonium nitrate is a granulated mineral fertilizer that efficiently provides nitrogen, with 50% in nitric form and 50% in ammoniacal form. Its application increases crop productivity and minimizes volatilization losses, becoming an important ally for more sustainable and productive agriculture.



# PHOSPHATE

- **Diammonium Phosphate (DAP) - NPK 18-46-0**  
Diammonium Phosphate (DAP) is a highly efficient fertilizer, combining 100% water-soluble phosphorus and ammoniacal nitrogen, ideal for all soil types and crops. It promotes robust plant growth, improves root development, and increases agricultural productivity, being especially effective in acidic soils.



# POTASSIUM

- **Potassium Chloride (KCl)**, also known as **Muriate of Potash (MOP) - NPK 0-0-60** is an essential fertilizer that provides potassium, a vital macronutrient for plant growth. It improves photosynthesis, increases resistance to drought stress and diseases, and promotes higher quality fruits, ensuring high productivity in various crops.



# NPK FOR VARIOUS USES



- **NPK 15-15-15:** Balanced fertilizer ideal for all plant life cycle stages, promoting uniform growth, health, and productivity.
- **NPK 19-19-19:** Higher nutrient concentration, indicated for crops demanding greater nutrition.
- **NPK 13-0-46:** Potassium-rich fertilizer (46%) without phosphorus, ideal for improving fruit quality and plant resistance.
- **NPK 15.5-0-0 + 19% Ca:** Combines nitrogen and calcium, promoting healthy growth and strengthening plant cell walls.
- **NPK 26-5-5:** High nitrogen concentration to promote vegetative growth, recommended for lawns and crops like corn and wheat.
- **NPK 18-18-18:** Balanced formula for complete nutrition in all growth stages.
- **NPK 20-10-10: Nitrogen-rich,** ideal for the initial vegetative cycle, stimulating leaf growth.
- **NPK 12-24-12:** High phosphorus concentration, recommended for initial root development and flowering.



# OTHER FORMULATIONS



- **Ammonium Sulfate (21-0-0 + 24% S):** This nitrogen fertilizer with additional sulfur content is widely used in alkaline soil regions and is highly demanded for crops like sugar cane and pastures.
- **Monoammonium Phosphate (MAP) (11-52-0):** Very popular for base fertilization (pre-sowing) due to its high phosphorus content, favoring root development.
- **Potassium Sulfate (0-0-50 + 18% S):** Demanded in high-value crops requiring potassium but sensitive to chloride, such as tobacco, fruits, and vegetables.
- **Magnesium Sulfate ( $MgSO_4$ ):** Magnesium sulfate, also known as Epsom salt, is a fertilizer primarily used to correct magnesium and sulfur deficiencies in plants.
- **Phosphoric Acid: NPK 0-52-0:** Phosphoric acid is an important phosphorus source in agriculture, used for soil correction and irrigation water acidification.
- **Nitric Acid ( $HNO_3$ )** Used as an irrigation water acidifier and to improve nutrient absorption in alkaline soils. Provides approximately 13-16% nitrogen in nitric form.

