



Partnering for Innovative Plant Nutrients to **Maximize Yield**



**NanoFertilizers for
Smart Agriculture**

www.impactagros.com





About Us

Since 2012, we have been working in the field of agriculture, driving advancements in precision farming, agronomy services, agri-input solutions, agricultural field and lab testing services. With a commitment to innovation and sustainability, we are proud to operate in multiple countries globally, contributing to a sustainable future for the agro industry.

Our core mission is to make the planet more sustainable by offering fertilizers that are less toxic yet highly effective. Our main aim is to increase production in a sustainable way. By promoting impactful nutrients, we aim to boost production while preserving soil health, ensuring we feed the world responsibly.

Why ImpactAgro's NanoFertilizers ?

- We are dedicated to improving farmers' lives by promoting foliar-based liquid NanoFertilizers alternatives over granule or powder based soil fertilizers.
- This approach preserves soil health, enhances microbial activity, increases soil carbon levels, and reduces emissions.
- Impact-agro's NanoFertilizers deliver nutrients with precision through targeted, efficient, and controlled release as well as these innovative slow-release mechanism minimizes nutrient runoff and leaching.
- This advanced approach enhances plant health, boosts yields, improves crop quality, and strengthens plant resilience against both biotic and abiotic stresses.



Our Nano Fertilizer's Portfolio

01

Mexild[®]

Nano - 11:11:8

Zn 0.7% (EDTA) + Boron 0.7% + Mix Micronutrients

02

Caloni[®]

Nano - Calcium Nitrate

(CaO 15% & Nitrogen 10%) + Magnesium (As MgO 2%)

03

PotaSu[®]

Nano - Potash 25% + Sulphur 17%

(Potassium thiosulfate)



MexildTM

Nano - 11:11:8 + Micronutrients

Features

- Total Nitrogen 11% (Urea N 7.2% & Ammonical N 3%)
- Phosphorus (P₂O₅) 11%
- Potassium (K₂O) 8%
- Zinc 0.7% (Zn-EDTA)
- Boron 0.7%
- Mix Micronutrients

Benefits

- Nitrogen supports vigorous leaf growth, phosphorus enhances root development and flowering, while potassium strengthens stems and improves overall plant health.
- The balanced NPK ratio, together with boron, supports flower and fruit formation, leading to improved yields and higher-quality produce.
- Zinc plays a critical role in enzyme activity and chlorophyll formation, while boron is vital for cell wall strength and reproductive growth.
- Mexild is a meticulously formulated blend of essential micronutrients and NPK, designed to unlock the full potential of plants. By effectively addressing all nutrient deficiencies, Mexild ensures optimal plant growth. This holistic approach not only maximizes yields but also enhances the quality and quantity of your produce, helping you achieve the best results.

Application method : Foliar Spray, Drip Irrigation & Sprinkler/Pivot Irrigation

Crops : Vegetables, Fruits, Flowers, Grains, Cereals, Legumes, Oilseeds and Forage

Available packing : 1 Ltr and 5 Ltr



Impact  agro[®]

Caloni[™]

**Nano - Calcium Nitrate
(Ca 15%, N 10% & Mg 2%)**

Features

- Total Nitrogen 10%
- Calcium 15% (CaO)
- Magnesium 2% (MgO)

Benefits

- Calcium plays a critical role in strengthening plant cell walls, enhancing structural integrity and reducing susceptibility to diseases and physical damage.
- Magnesium is vital for chlorophyll production, enhancing photosynthesis efficiency and promoting greener, healthier foliage.
- Caloni Helps address common deficiencies like blossom end rot (in tomatoes and peppers) and leaf chlorosis (yellowing leaves), both of which can result from a lack of calcium or magnesium.
- Calcium improves fruit firmness, leading to better quality produce with longer shelf life, reducing post-harvest losses in fruits and vegetables.
- Caloni is a meticulously formulated blend of Calcium, Magnesium, and combined with Nitrogen to provide complete nutritional support for plants.

Application method : Foliar Spray, Drip Irrigation & Sprinkler/Pivot Irrigation

Crops : Vegetables, Fruits, Flowers, Grains, Cereals, Legumes, Oilseeds and Forage

Available packing : 1 Ltr and 5 Ltr



Impact  agro[®]

PotaSuTM

**Nano - Potash 25% & Sulphur 17%
(Potassium thiosulfate)**

Features

- Potassium Thiosulphate ($K^2S^2O^3$)
- Total Potassium 25% (As K_2O)
- Sulphur 17%

Benefits

- Potassium is crucial for the production of high-quality produce.
- MegaSize promotes excellent flowering and fruiting while enhancing the size, color, taste, and texture of produce. It also boosts overall crop yield, ensuring superior quality and productivity.
- Potassium regulates water uptake and retention, helping plants survive under drought conditions by maintaining turgor pressure and reducing water loss through transpiration.
- Potassium strengthens plant cell walls and improves the plant's natural defence mechanisms, making it more resistant to diseases and pests.

Application method : Foliar Spray, Drip Irrigation & Sprinkler/Pivot Irrigation

Crops : Vegetables, Fruits, Flowers, Grains, Cereals, Legumes, Oilseeds and Forage

Available packing : 1 Ltr and 5 Ltr



Impact agro[™]

Impact Agro Solutions



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