

Phos Ca

Activator of defense mechanisms

EC FERTILIZER

NP FERTILIZER SOLUTION WITH CALCIUM

PHOS Ca is a calcium, phosphorus, and nitrogen-based fertilizer designed to prevent and rapidly correct calcium deficiencies, thanks to its pronounced upward and downward systemic mobility, which allows nutrients to quickly reach all parts of the plant.

Calcium and phosphorus improve produce quality by enhancing fruit firmness, coloration, and shelf life, while nitrogen helps improve the plant's nutritional status.

Thanks to its special formulation, PHOS Ca stimulates the plant to produce phytoalexins, which act as an internal defense mechanism against fungi and bacteria.

- Prevents issues caused by phosphorus and calcium deficiencies: fruit cracking, blossom-end rot, and physiological leaf drying in vegetables.
- Improves tissue firmness.
- Boosts the plant's self-defense mechanisms.
- Enhances nutrient uptake.
- Improves fruit quality characteristics.
- Highly assimilable via both foliage and roots.
- Excellent systemic translocation within the plant.

COMPOSITION (% w/w)

Total Nitrogen (N) 3%
Ureic Nitrogen (N) 3%
Phosphorus Pentoxide (P₂O₅) 23%
Calcium Oxide (CaO) 4%

PHYSICAL PROPERTIES

pH (1% solution) 2.17
Density (g/ml, 20°C) 1.20
Color Colorless

FORMULATION

Soluble liquid

PACKAGING

1 kg bottle
6 kg jerrycan
25 kg jerrycan

SHIPPING UNIT

16 x 1 kg packs
4 x 6 kg packs
32 x 25 kg packs

APPLICATION

Foliar
Root/Soil



1 kg



6 kg



25 kg

MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Foliar	Fruit and Vine Crops / Vegetable Crops / Ornamental Crops / Industrial Crops	2–3 applications throughout the cycle	200 – 300 g/100 L of water
Radical	Fruit and Vine Crops / Vegetable Crops / Ornamental Crops / Industrial Crops	2–3 applications throughout the cycle	6 – 8 kg/ha

Precautions: Shake the product well before use. Conduct preliminary tests before mixing with other products. Adhere to the specified dosages. The product is non-combustible and stable under ordinary temperatures and pressures. Store the product in well-ventilated areas at temperatures between +5°C and +35°C.