

Phos K

Activator of defense mechanisms

EC FERTILIZER

PK FERTILIZER SOLUTION

PHOS K is a fertilizer designed to support plants during critical phenological stages, such as flowering, fruit set, fruit enlargement, and ripening. The formulation is produced through the reaction of phosphorus and potassium; these elements are easily assimilated via both foliage and roots, rapidly reaching all parts of the plant. PHOS K stimulates root system development, facilitates flower and seed formation, and improves fruit size and shelf life while enhancing organoleptic qualities. Furthermore, the product's excellent action in facilitating nutrient transport enables treated crops to improve nutrient uptake, even under conditions of physiological or climatic stress. In particular, PHOS K induces the plant to produce phytoalexins, thereby boosting systemic resistance against biotic and abiotic stressors.

- Stimulates root system development.
- Boosts the plant's self-defense mechanisms.
- Improves nutrient uptake.
- Enhances fruit quality characteristics.
- Highly assimilable via both foliage and roots.
- Excellent systemic translocation within the plant.

COMPOSITION (% w/w)

Phosphorus pentoxide (P₂O₅) 30
Potassium oxide (K₂O) 20

PHYSICAL PROPERTIES

pH (1% solution) 5.5
Density (g/ml, 20°C) 1.4
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



1kg



6 kg



25 kg

MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Foliar	Fruit and Vine Crops / Vegetable Crops / Ornamental Crops / Industrial Crops	2–4 applications throughout the cycle	200 – 300 g/100 L of water
Radical	Fruit and Vine Crops / Vegetable Crops / Ornamental Crops / Industrial Crops	2–4 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.