

Kelat K

Fruit Quality Enhancer

EC FERTILIZER

FERTILIZER SOLUTION BASED ON COMPLEXED POTASSIUM

KELAT K is a high-potassium liquid fertilizer designed to improve fruit quality characteristics. Potassium is a key nutrient for plants, performing numerous physiological and biochemical functions: it helps lower root water potential, thereby increasing water uptake; it influences transpiration by raising cellular osmotic pressure and regulating stomatal opening and closing; it plays a role in sugar and protein synthesis; it strengthens plant tissues, making the crop more robust and resilient to adverse weather conditions; and it enhances produce quality by intensifying fruit color and improving flavor and shelf life.

A particularly important feature is its complexation with the chelating agent EDTA, which ensures the potassium is easily absorbed and rapidly translocated throughout the plant, allowing the product to be applied via both foliar and root treatments.

Additionally, the nitrogen in the formulation stimulates vegetative growth, making KELAT K suitable for all crops, particularly during the fruit growth and development stages.

- Improves fruit quality characteristics: color, flavor, and size.
- Promotes and accelerates ripening.
- Improves tissue firmness.
- Enhances the quality and appearance of the produce.

COMPOSITION (% w/w)

Total Nitrogen (N) 3
Ureic Nitrogen (N) 3
Potassium Oxide (K₂O) 30

PHYSICAL PROPERTIES

pH (1% solution) 11.5
Density (g/ml at 20°C) 1.45
Color Light blue

FORMULATION

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, vegetable, and ornamental crops; industrial crops.	2–3 from fruit enlargement to ripening	250 – 350 g/100 L of water
Radical	Fruit, vegetable, and ornamental crops; industrial crops.	2–3 from fruit enlargement to ripening	40 – 60 kg/ha

Precautions: Do not mix with products containing calcium, sulfates, or phosphates. Shake 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 in a well-ventilated area at temperatures between +5°C and +35°C.