Ere

Natural ripening promoter

Suspension NK 3-7 organo-mineral fertilizer with boron and iron

ERETT promotes sugar production and accelerates biochemical ripening processes. Thanks to its content of macro- and micro-elements, polysaccharides, specific plant extracts, and essential amino acids, it naturally enhances fruit ripening and coloration. Specifically, the amino acids arginine, alanine, and leucine foster the synthesis of precursors responsible for the flavor and aromas characteristic of the cultivated variety; proline and glycine provide anti-stress benefits and stimulate photosynthesis; phenylalanine positively influences the synthesis of anthocyanins, which are responsible for fruit skin coloration; and methionine acts as a natural precursor to ethylene, a hormone that stimulates and coordinates ripening and the accumulation of simple sugars.
Among the macronutrients involved in the ripening process, potassium is particularly significant; it is essential for ensuring greater and more efficient sugar formation within storage organs, as well as for the development of skin pigments and the volatile compounds that define the aroma and flavor of fruits and vegetables.
The ERETT formulation is rounded out by the micro-elements boron and iron (chelated with EDTA), which give leaves their natural color and luster. Boron, acting in synergy with potassium, ensures uniform ripening and plays a role in carbohydrate metabolism.
ERETT is particularly recommended for high-yield crops, in situations where soil and climatic conditions are unfavorable to ripening processes, and whenever the goal is to improve produce quality (specifically firmness and Brix levels).

- *Promotes fruit ripening.*
- *Enhances and evens out fruit coloration and sheen.*
- *Increases sugar concentration (higher Brix levels).*
- *Improves ripening uniformity, reducing harvest waste.*
- *Extends post-harvest shelf life.*
- *Increases produce weight, size, and firmness.*
- *For flowers and ornamental plants, enhances flower brilliance and post-harvest longevity.*

REGISTRATION
SIAN Registry No. 0020025/17

COMPOSITION (% w/w)
Organic Nitrogen (N) 3
Organic Carbon (C) 12
Potassium Oxide (K2O) 7
Water-soluble Boron (B) 0.4
EDTA-chelated Iron (Fe) 0.5

PHYSICAL PROPERTIES
pH (1% solution) 7
Density (g/ml, 20°C) 1.3
Color Dark brown

FORMULATION
Soluble liquid

PACKAGING
1 kg bottle
6 kg jug

SHIPPING CARTON
16 x 1 kg packs
4 x 6 kg packs

APPLICATION
Foliar
Root/Soil

1 kg

6 kg

MODE OF USE	***CULTURE***	***WHEN TO APPLY IT***	***DOSES***
Foliar	*Fruit, vegetable, and ornamental crops; industrial crops.*	*2 – 3 applications throughout the cycle*	*350 – 400 g/100 L of water*
Radical	*Fruit, vegetable, and ornamental crops; industrial crops.*	*2 – 3 applications throughout the cycle*	*5 – 7 kg/ha*

Warnings: The EDTA-chelated iron micronutrient is stable within a pH range of 4 to 11. 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 +30°C.