

Radiko

Activator of self-defense mechanisms



EC FERTILIZER

FLUID MIXTURE OF MICRO-NUTRIENTS WITH MANGANESE AND ZINC

RADIKO is a unique fertilizer that, when applied to the root system, helps plants maintain vigor and return to normal growth conditions by boosting root strength and stimulating the development of new roots. Formulated through a skillful blend of specific plant extracts, amino acids, peptides, polysaccharides, vitamins, polyphenols, organic matter, and minerals, the product simultaneously nourishes and strengthens the plant. Of particular note is the presence of tannins—which offer natural antioxidant properties—and saponins, which enhance the plant's resistance to attacks by pathogenic microorganisms.

The formulation is rounded out by EDTA-chelated manganese and zinc, which work synergistically with plant-derived nutrients to regulate the plant's phytohormone metabolism. Applying RADIKO triggers the emergence of new root hairs and young roots, leading to a resumption of vegetative growth and overall plant invigoration. The presence of amino acids essential for the rooting phase aids root system recovery by providing complete, consistent nutrition. This nutritional activity sustains adequate growth rates even in the presence of soil nematodes, ensuring rapid metabolic activation and improving both the quality and quantity of produce, resulting in fruit that achieves ideal size and color.

- Provides vitamins, amino acids, sugars, trace elements, tannins, and saponins.
- Strengthens and develops the root system and the entire plant.
- Increases crop yields.
- Supplies organic matter, promoting soil fertility.
- Stimulates the production of new root hairs, thereby increasing water and nutrient absorption capacity.
- Fortifies the root system, increasing resistance to nematodes.

REGISTRATION

SIAN Registry No. 0014360/15

COMPOSITION (% w/w)

Manganese (Mn) chelated with EDTA 1

Zinc (Zn) chelated with EDTA 1

PHYSICAL PROPERTIES

pH (1% solution) 4.5

Density (g/ml, 20°C) 1.25

Color Dark brown

FORMULATION

Soluble liquid

PACKAGING

1 kg bottle

6 kg jerrycan

20 kg jerrycan

SHIPPING UNIT

16 x 1 kg packs

4 x 6 kg packs

32 x 20 kg packs

APPLICATION

Soil application



1 kg



6 kg



20 kg

MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Radical	Fruit crops Greenhouse and open-field vegetable crops Greenhouse and open-field ornamental crops Industrial crops	2–4 applications throughout the growing cycle. 1 application 10 days after transplanting for vegetable and ornamental crops. 1 application at the time of planting out young fruit trees/plants.	25–40 kg/ha on particularly exhausted soils. 8–12 kg/ha as a root stimulant and strengthener.

Precautions: The EDTA-chelated microelements Manganese and Zinc are 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 dosage rates. The product is non-combustible and stable under ordinary temperatures and pressures. Store the product in a well-ventilated area at temperatures between +5°C and +35°C.

