

LONITE 80 SP

Nutrients uptake improver



- Increases the growth and yield of crops thanks to a better uptake of nutrients
- Increases the cation exchange capacity of the soil favoring a higher availability of nutrients
- Has a positive effect on microorganisms present in the soil, on seed germination and on root growth
- Binds the heavy metals of the soil making them inactive
- High solubility

CHARACTERISTICS

LONITE 80 SP is a new innovative activator (Leonardite humic extract), characterized by a high content of Humic and Fulvic Acids. Humic extracts contained in **LONITE 80 SP** allow to improve: nutrient uptake efficiency, soil structure, plant metabolism and telluric flora biochemical processes.

RESULTS

Field trials have shown that **LONITE 80 SP** boosts root growth, vegetative development, bud differentiation, flowering and early fruit setting. **LONITE 80 SP** also plays an important role for the aggregation of soil structure, reducing the phenomenon of bottom soil and stratification.

Lonite 80 SP: field trials – evaluation on Root Growth

Crop: strawberry – in greenhouse; Year: 2015



High solubility



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APPLICATION RATE

Crop	Drip irrigation (kg/ha)	N° of applications	Timing of applications
fruit trees, citrus	2 - 5	2 - 4	after bud bursting, every 15 - 20 days
fruit vegetables	2 - 5	2 - 3	after transplanting, every 15 - 20 days
leafy vegetables, strawberries	2 - 5	1 - 2	from 15 days after transplanting
ornamental plant nurseries	2 - 5	1 - 2	during the early stages of growth

COMPOSITION

	% w/w
Organic matter (OM)	64,6
Organic matter (OM) on dry matter	69,5
Organic matter (OM) humified on dry matter	59,0
Organic nitrogen (N) on dry matter	0,51
Humified organic matter (from Fulvic acids and Humic acids) / Total organic matter	84
Humic acids	55,1
Fulvic acids	8,6
Potassium oxide (K ₂ O) water soluble	10,0

APPEARANCE	Powder
COLOUR	Black
pH (10% sol.)	8,0÷10,0 at 20 °C
SOLUBILITY	>97%
PACKAGING	1kg (1kgx10)

