

STRONG is a solid natural activator containing 97% potassium humate. It is formed from natural, plant derived, brown coal deposits and is rich in macro and micronutrients and trace elements (K, N, Ca, Mg, Fe, S, Mn, Zn, Cu, B, Mo etc.). **STRONG** dissolves rapidly in the water (100% water soluble) and does not clog the filters. It is suitable for all the irrigation and fertigation systems.

PROPERTIES

STRONG increases the soil fertility in the following ways :

- Increases the capacity for cation exchange and water retention.
- Promotes the development of a good soil structure.
- Improves the retention and assimilation of the essential nutrients by the plants thereby reduces the loss of the applied fertilizers due to leaching and run-off.
- Stabilizes the soil pH against the increased acidity which is caused from the frequent

fertilizer applications.

- Stimulates the beneficial microbial activity and the development of the root.
- Promotes the nutrient uptake by the plants in hydroponic production.
- Oxygenates better the root system while preventing possible rots.
- Promotes the penetration and the retention of calcium in the soil.
- Moves the aluminum in the subsoil.

BENEFITS

STRONG enhances the efficiency of the applied fertilizers while stimulates the plant growth, improves the soil structure and increases the crop yield. Furthermore, it improves the crop quality while offering fruits longer shelf life, more vivid colors and much more sugars.

COMPATIBILITY

It must NOT be mixed with contact herbicides and with oil or very acid formulations.



Solid Natural Activator

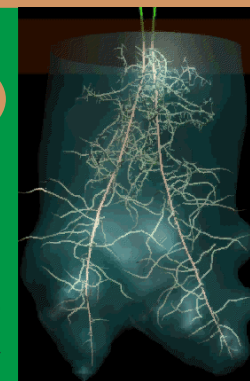


Produced by

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STANDARD ANALYSIS

(% of dry matter)

Potassium humate	97%
Organic carbon	40%
Potassium (K ₂ O)	15%
Nitrogen (N)	0,3%
Phosphorus (P ₂ O ₅)	0,2%
Calcium (CaO)	0,17%
Magnesium (MgO)	0,3%
Sulphur (S)	0,3%
Micronutrients	
Fe	0,3 %
Zn	94 ppm
Mn	5 ppm
Cu	13 ppm
B	5 ppm
Mo	1 ppm

APPLICATION RATES

VEGETABLES, STRAWBERRIES: 850-1250 g/ha. 3 applications with watering. First: After planting (promotes growth of the root system). Second and third: At fruit sizing.

FRUIT TREES: 850-1250 g/ha. At least 3 applications with watering. First: At flowering. Second: At fruit sizing. Third: When the fruit starts maturing.

CITRUS TREES: 850-1250 g/ha. At least 2-3 applications with watering depending on whether the varieties are early or late. First: Early in the Spring. Second: In mid-summer. Third: In the end of the Summer (late varieties).

OLIVE TREES: 850 g/ha. 2 foliar applications: First: In Spring. Second: In Autumn (at pit hardening). Activates the metabolism of the tree and increases the yield of the olive oil yield.

ORNAMENTALS: 4 - 8 kg / ha. In drip irrigation systems, divide the total application rate in weekly applications.

VINEYARD: 850 g/ha. 3 foliar applications are recommended: First: Prior to flowering. Second: After flowering. Third: When the fruit starts maturing..

CORN: 2 - 2.5 kg / ha per application. 2 applications with watering: First: At the plant emergence. Second: Prior to flowering.

OTHER CROPS:

Dispersal on soil: 4 - 8 kg / ha. Apply the whole quantity before planting or divide it in weekly applications.

Foliar application: 850-1250 g/ha. It promotes nutrients uptake by leaves.

Root irrigation: 2 - 2.5 kg / ha. It promotes water soluble fertilizers uptake by roots.

CUTTINGS, SHOOTS, NURSERIES: Dilution rate in water: 1:200 humus/water and dipping in order to promote root growth.

DILUTION RATES: Foliar sprays: 1:800 - 1:2500. Soil application/irrigation: 1:400

Net Content: 250 g 2,5 kg 5,0 kg 20,0 kg