

- Specification Sheet -**STRONG**

STRONG is a solid natural activator containing 97 % humic potassium. It is formed by natural, from plants derived brown coal deposits and is rich in macro and micronutrients (K, N, Ca, Mg, Fe, S, Mn, Zn, Cu, B, and Mo).

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 AND USES:

- Increases the cation exchange capacity and the capacity of water retention.
- Promotes the development of a good soil structure.
- Improves the retention and assimilation of the essential nutrients by the plant reducing in that way the loss of the applied fertilizers due to leaching and leaking.
- Stabilizes the soil pH against the increased acidity from the frequent applications of fertilizers.
- Stimulates the beneficial microbial action 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.

APPLICATION:

STRONG is applied through all the irrigation – fertigation systems for soil applications and foliarly.

Application Rate: Generally it is applied at the following application rate.

Soil application: 1-2 kg/ha

Foliar application: 1 kg/ha

STANDARD ANALYSIS (w/w)

Nitrogen (N)	0.30 %
Phosphorus (P ₂ O ₅)	0.27 %
Potassium (K ₂ O)	15.70 %
Calcium (CaO)	0.17 %
Magnesium (MgO)	0.30 %
Sulphur (S)	0.30 %

PHYSICAL PROPERTIES:

Appearance:	Black flakes
Density:	0.94 g/ml
Solubility:	100% water soluble
pH:	10.8

Humidity: 12-15%