

Nature Agrotech Co.,Ltd

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Technical Data Sheet

POTASSIUM FULVIC ACID

Potassium Fulvic Acid is a kind of high polymer heterogeneous aromatic potassium salt contains hydroxyl, carboxyl and other active groups. It contains abundant high molecular humic acid and low molecular fulvic acid which extracts from natural mineral source raw materials. Humic acid has strong adsorption capacity to slow release and increase the efficiency of chemical fertilizer. Fulvic acid has strong biological stimulation for crop growth and its small molecule structure let the plant absorb easier and better. The organic combination of both has better effect for the crop and has good solubility with NPK water-soluble fertilizer.

Specifications:

Appearance	Black Powder
Water Solubility	Completely
Humic Acid (dry basis)	60.0% min
Fulvic Acid (dry basis)	50.0% min
K ₂ O (dry basis)	12.0% min
Moisture	15.0% max
PH	8.0 - 11.0
0.5mm Sieve Residue	5.0% max

Uses:

Mainly used for spray irrigation, drip irrigation and liquid organic fertilizer. It can become a kind of powerful multi-functional and high efficiency compound fertilizer after combined with nitrogen, phosphorus, kalium and other micro nutrient elements as plant growth stimulant and fertilizer promoter.

- a) Chelating nutrients to make fertilizer more efficient.
- b) Increasing anti-water logging ability and prevent diseases of plants.
- c) Slow releasing fertilizer, improving the utility of fertilizer and pesticide.
- d) Increasing the nutrient absorption, promoting the germination and growth of plants.
- e) Accelerating the precipitation and decomposition, improving the soil structure.

Crops: various types of cash crops, grains, vegetables, fruit tree and field crops.

Instructions for use

Fertigation: 2 - 4 kg per hectare or based on local conditions

Foliar: 500 g - 1 kg per hectare

Soaking (seeds, root): 10 - 24 hours in 2000 times solution. Can shorten the soaking hours when the temperature is high.

Recommended total amounts in water-soluble fertilizer: 3% - 8% min

Package:

In PP woven bag with PE inner bag, 5-10-20 – 25-50 - 1000 Kg.

Remark:

The formula can be customized according to customers' requirement