

1. Product Description

Super Potassium Humate is refined potassium Humate with 65%min humic acid and K₂O 10%min, have both flakes and powder type. Completely soluble in water. Its purity is much higher than routine potassium humate.



2. Main Specification

Appearance	Black Flake/Crystal	Black Powder
Product code	JFHA-KHA-1-F/C	JFHA-KHA-1-Powder
Water solubility	100%	100%
Potassium(K ₂ O dry basis)	10.0% min	10.0% min
Humic Acid(dry basis)	65.0%min	65%min
Moisture	15.0%max	15.0%max
Particle size	1-2mm/2-4mm	/
Fineness	/	80-100mesh
pH	9-10	9-10

3. Main Function

- Improves soil structure thus to increases water holding capacity and soil cation exchange capacity (CEC) to increase soil fertility.
- Increase and stimulates beneficial microorganisms proliferation ,which will also improve the soil structure and water holding capacity.
- Hold and slow release nitrogen fertilizer,release phosphorus locked by Al₃⁺ and Fe₃⁺ in soil, increase potassium fertilizer utilization ratio, also will chelate the micro elements and make it into plant absorb table form.
- Anti-drought- and pesticide-induced stress.
- Stimulate seed germination and enhances development of root system,seedling growth and shoot growth.
- Decrease residues of herbicides pesticide and heavy metals toxins in soil thus enhance the yields quality.

4. Usage

- Act as the humic acid raw materials for the production of humic acid fertilizer, the proposed dosage is 5-10%.
- Base fertilizer: Used for root fertilization, supply potassium element, plenty of organic matter to soil, help to improve soil condition. 10-20kgs per 666 m². Can improve drought resistance ability, cold resistance, disease and insect resistance
- Foliar Spray: Used as leaf spray fertilizer, dissolve 30-50 grams into 15-30kgs water, solution concentration is 1:500 to 1:1000. Generally apply fertilizer during seedling stage, growth period, flowering phase and fruiting period, total 4-5 times.
- Drop irrigation, water flush: 5-10kgs per time per 666 m². Dissolve evenly into fertilizer bucket or wash directly with water. Generally apply fertilizer during seedling stage, growth period, flowering phase and fruiting period, total 4-5 times.
- Soaking seed, soaking root: Dissolve into water to make 1:2000 concentration solution. Soak 10-24 hours.

5. Package

- 25kg woven bags with inner liner.
- Color printing PP bags with inner liner or PE bags.
- 1MT, 1.1MT jumbo bags with discharge hole.
- According to customer's requirement.

6. Advantage

- Increase efficiency of fertiliser such as NPK.
- Build soil water holding capacity.
- High levels of humic acid are beneficial in soil remediation including low carbon, compacted, salt affected and sandy soils.
- Stimulates beneficial soil biology.