

1. Product Description

Potassium Humate is humic acid potassium salt complete water soluble ,used as base fertilizer or irrigation fertilizer ,suggested to mix with DAP MAP MKP.



2. Main Specification

Appearance	Black Crystal/Powder	Black Powder
Product code	JFHA-KHA-2	JFHA-KHA-3
Water solubility	95%	90%
Potassium(K ₂ O dry basis)	10.0% min	10.0% min
Humic Acid(dry basis)	60.0%min	50%min
Moisture	15.0%max	15.0%max
Particle size	2-4mm	/
Fineness	80-100mesh	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.
- Increase the fertilizer utilization.For nitrogen fertilizer will be held and slow released,phosphorus will be released from Al³⁺ and Fe³⁺ ,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.