

## 1. Product Description

Nitro Humic Acid is obtained after nitro acid react with humic acid is non soluble in water soluble in alkaline solution. Have both powder and granule type.



## 2. Main Specification

Appearance	Black Powder	Black Granule	Black Powder	Black Granule
Product code	JFHA-NHA-1-P	JFHA-NHA-1-G	JFHA-NHA-2-P	JFHA-NHA-2-G
Organic Matter(dry basis)	85.0%min	85%min	80.0%min	80%min
Solubility	NO	NO	NO	NO
C.E.C	≥350meq/100g	350meq/100g	≥200meq/100g	≥200meq/100g
Humic Acid(dry basis)	60.0%min	60%min	50.0%min	50%min
Moisture	25.0%max	25.0%max	25.0%max	25.0%max
Particle size /Finess	80-120mesh	2-4mm	80-120mesh	2-4mm
Granule Radial Load	0	12N	0	12N
pH	4-6	4-6	4-6	4-6

## 3. Main Function

- Help to improve the compact result caused long time using chemical fertilizers.
- Instant effect to improve the structure of soil, increase the buffering power of soil.
- Largely improve the compact result caused by long-time using of chemical fertilizers.
- Neutralize both acidic and alkaline soils; regulate the pH value of soils, with the prominent effect in alkaline and acidic soil.
- Stimulate plant growth, increase the yield and quality.
- Reduce nitrate leaking into the groundwater, and protect the undergroundwater.
- Increase the effectiveness of herbicide pesticide and fungicide, immobilize or reduce their harmful residues.

#### **4. Uses**

- Base fertilizer: For field crop, 50-100kgs/ha per crop season.
- For fruit trees, 10-20kgs per plant.
- For vegetables, 1-2kg/m<sup>2</sup>.
- Mix additive:  
150-200kgs per ton of composite. (suggested mix use with Urea and MAP DAP)

#### **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**

- Low moisture, low dust, high free humic acid, high organic matter, high hardness to be material of blended fertilizer.
- Slow Release, long-term effect, high utilization of amide nitrogen and ammoniacal nitrogen.
- Increase utilization of N from 15% to 20%.