

## TECHNICAL DATASHEET

**Brand name: HUMISOL FORTE (WG)**

**Chemical name: Humic acid, potassium salts.**

It is a concentrate of HUMIC and FULVIC ACIDS in the form of a 100% water-soluble granular powder. It is formulated as potassium humate. Indicated to be used across all systems of localized irrigation.

- Improves root and shoot growth with high quality buds
- Increase cation-exchange-capacity (CEC) of the soil
- Easy to handle, dissolve and apply
- Developed for fertigation in open field crops and for soil injection.

**APPEARANCE:** Dark brown granules.

### **Composition:**

Total Humic extract: 80%

Humic Acid: 65%

Fulvic Acid: 15%

Potassium Oxide (K<sub>2</sub>O) :8%

### **Product characteristics:**

- 80% of humic acids (ISO method)
- Wet-process method extracts long chain leonardite to improve efficiency of the potassium humate.
- Patented micro granulation process
- Black granules.

### **Compatibility:**

Compatible with other fertilizers, except phosphate fertilizers. Therefore a separate tank is needed for fertilizers should be applied on different times.

### **Doses and methods of use:**

Crop	Application rate
All crops	200-150 grams / dunum

### **PACKAGING SIZE AVAILABE: (aluminum bags)**

- 1kg
- 5kg
- 20kg

### **Heavy metals:**



- Arsenic (As) < 5mg/kg
- Cadmium (Cd) < 0.1mg/kg
- Chrome (Cr) < 5mg/kg
- Mercury (Hg) < 0.1mg/kg
- Lead (Pb) < 10mg/kg

### **Physical properties:**

Density 0.65 +/- 0.2g/cm<sup>3</sup>

PH 8.45 +/- (in 1% solution) , 8.95 +/- 1 (in 10% solution)

Solubility 250g/L

Granulometry 0.8 – 1 mm