Meister Humus® WSG 85

Innovation and Technology in Soil Conditioning and Crop's Nutrition

Meister Humus WSG 85 is a **100% water-soluble potassium humate**, formulated with highly reactive humic acids designed to improve soil and substrate structure, enhance nutrient availability, and boost crop performance across a wide range of production systems.

Developed from premium German leonardite, it delivers exceptional electrochemical activity for smarter, more efficient fertigation and root-zone management.

Key Benefits

- **Premium quality & purity: Immediate improvement in nutrient uptake and fertilizer efficiency.**
- **Stronger stress tolerance: Helps crops better tolerate drought, salinity, cold, and heat stress.**
- **Vigorous root development: Supports root growth, root activity, and yield formation.**
- **Natural chelation of micronutrients: Improves availability of Fe, Zn, Mn and others.**
- **Improved soil & substrate structure: Increases water-holding capacity and root-zone conditions.**
- **Higher buffering & CEC: More stable and efficient nutrition programs.**

ProAgro Solutions Inc

HUMIN TECH®
HUMIC ACIDS BASED PRODUCTS

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Fields of Application

Agriculture & Field Crops

- **Vegetable Production**
- **Vineyards & Horticulture**
- **Substrate Cultivation**
- **Hydroponics**
- **Turfgrass & Landscaping**
- **Seed Treatment**

Recommended Application Rates*

Soil: 1.5 – 15 kg/ha depending on crop, can be split into several applications
Foliar: 15 – 30 g / 100 L water every two weeks during vegetation
Substrates: 0.1 – 0.5 kg/m³
Seeds: 0.1% or 100 g / 100 kg seed (according to T.G.W.)
Hydroponics / Fertigation: 10 – 30 g / 1000 L nutrient solution during the cultivation cycle

**** Standard recommendations may vary depending on crop, soil/substrate, and local conditions.***

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Is this product an acid?

Although called a "humic acid" by chemistry, Meister Humus WSG 85 is a potassium humate — fully soluble and stable in fertigation systems. It does not act as a pH up or pH down product, but as a smart buffer and nutrient manager, reducing nutrient lock-ups and improving efficiency in intensive systems.

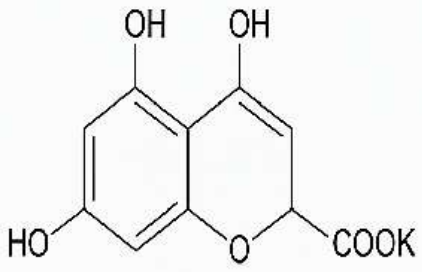
Humates vs. Fulvates

Humates (Meister Humus WSG 85): Larger molecules, strong chelation, excellent for root-zone conditioning and long-term nutrient stability.

Fulvates: Smaller molecules, faster plant movement, ideal for quick corrections and foliar transport.

Best practice: Use humates for the root system and fulvates for foliar applications — many high-performance programs combine both.

Structure d'un humate de potassium



Acide humique

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High Electrostatic Charge = Smarter Fertigation

High electrostatic activity helps attract and hold nutrients in the root zone, reduce leaching, stabilize micronutrients in solution, and improve root–nutrient interactions. Result: more efficient feeding, stronger roots, and more consistent crop performance — without forcing pH changes.

Why Meister Humus Does Not Clog Irrigation Systems

Many humic products contain humin (humatin), the insoluble fraction that can accumulate in tanks, filters, and drip lines. Meister Humus WSG 85 is completely free of humin/humatin and is 100% water-soluble at the molecular level. When used according to guidelines, it dissolves completely, leaves no residue, and is safe for filters, injectors, and drip systems.

Blend Use Notice

Before mixing with other products, prepare a small test mix to avoid flocculation. After mixing, let the solution rest 30 minutes and stir again before use.

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