



# MV Soluble Powder

# Product Sheet

## A High Purity, Conventional Potassium Humate

MV Soluble Powder is a modified potassium humate derived from leonardite ore. In comparison with other humate products, it is soluble over a wider range of pH and is low in sodium. MV Soluble Powder is readily bio-available and is packaged as a soluble powder.

### Benefits:

- Improves soil structure
- Stimulates microbial growth
- Stabilizes pH
- Increases nutrient exchange and retention

### WATER SOLUBILITY

- Alkaline soluble: completely soluble above pH 7.0
- Use in acidic solutions (pH 5.5 or lower) can result in precipitation

### HIGH PURITY POTASSIUM HUMATE

- Proprietary extraction process maximizes humate content
- 80%+ humic acid content of powder
- High carboxyl content improves solubility and ion exchange

- Increases root penetration
- Improves nutrient absorption
- Increases stress tolerance
- Improves seed germination

### VERSATILE PRODUCT FORM

- Fully dissolveable powder
- Dissolved powder performs equivalently to liquid product

### HIGH ION EXCHANGE CAPACITY

- Aids in balancing soil pH
- Better at complexing nutrients
- Makes micronutrients more readily available

### Typical Analysis:

pH .....	9.0
Carbon .....	48%
Soluble Potash.....	16%
Oxygen.....	28%
Sulfur .....	8%
Hydrogen.....	4%
Organic Acids (BaCl <sub>2</sub> method) .....	80%
(55% derived from humic acids, 25% from fulvic acids)	

### Physical Data:

Color: black  
 Powder: 10% max. moisture  
 Solubility in water: 95% min.

### General Instructions:

To formulate a 15% minimum liquid solution, dissolve 2 lb/gal

### Available Packaging:

Product is available in:  
 25 kg. Paper Kraft Bagging  
 1-Ton Mini Tote Bags

### Storage Stability:

Under dry conditions, powder product remains stable for several years.

Please contact your Mesa Verde Humates® Sales Representative for additional product information.

