



created from prehistoric plant material

**What is Ful-Humix?** Ful-Humix is a premium humic/fulvic powder made by BioAg. Average contents contained in Ful-Humix in dry form is 75%+ total humic acid(s,) including both humic and fulvic fractions. However listed guarantee is by the CDFA method which discludes the fulvic fraction.

**Why add Ful-Humix to my fertilizer program?** Ful-Humix concentrated humic/fulvic powder is a powerful soil conditioner that will help maximize your outdoor gardening potential. It increases nutrient efficiency and creates a healthier growing environment, resulting in stronger plants. In geek speak, it buffers the soil with organic colloid biopolymers, preventing tie-up caused primarily by chemical salts reacting in an inorganic form. Included in this action is a **SIGNIFICANT INCREASE IN SOLUBILITY OF BOUND PHOSPHORUS AND CHELATION OF MICRONUTRIENTS**. Additionally, Nitrogen leaching is reduced, keeping it in the root zone longer and out of our water tables. Plants can grow within a larger pH range when humic acid(s) are present because of its ability to hinder precipitation of elements across the range. Not only are elements made more available, but coupled with increased respiration and chlorophyll production, utilization and uptake of nutrients is catalyzed resulting in accelerated growth and health of the plant.

**How does Ful-Humix effect soil biology?** Ful-Humix adds carbon. Carbon is not only essential for balancing the carbon to nitrogen ratio, but is also invaluable for maintaining an optimum microbial community. It has been demonstrated that humic and fulvic acids in Ful-Humix **STIMULATE BENEFICIAL SOIL BACTERIA AND FUNGAL BIOMASS AND ACTIVITY**.

**Is Ful-Humix water soluble and readily available?** Ful-Humix is ~85% water soluble. Unlike raw humate or "suspendable", which can take many years to break down, it's readily available, and concentrated. Because of a unique manufacturing method that improves product efficacy, approximately 15% is insoluble humin and mineral. Settle this portion out if using a sprayer and add it to your garden.

**Does Ful-Humix expire or go bad?** Because it is in dry form Ful-Humix has no expiration date unlike most liquid humic products.

**Favorite Uses:** Ful-Humix can be used in a wide variety of systems. It's very beneficial for outdoor or greenhouse soils and compost tea. When using humic substances it's best to use at intervals throughout the plant growth cycle.

**Stimulates microbial activity**  
**Improves soil structure**  
**Promotes growth and yields**  
**Increases nutrient uptake**  
**Reduces nutrient leaching**  
**Induces drought tolerance**  
**Builds plant immunity**  
**Stimulates Root Growth**  
**Acts as soil buffer**

**SHOP AND COMPARE:**

100 g Ful-Humix =	1-2 Quart competitors Liquid
300 g Ful-Humix =	1-2 Gallon competitors liquid
1 kg Ful-Humix =	2.5-5 Gallon competitors liquid
5 lb Ful-Humix =	5-10 Gallons competitors liquid
1 lb Ful-Humix =	~ 33lbs of raw humic acid product