

## TECHNICAL DATA SHEET FULLGOLD (FULVIC ACID BASED POWDER FERTILIZER)

**DESCRIPTION:** FULLGOLD is a compound made out of Fulvic Acid with the addition of potassium as K<sub>2</sub>O.

**TECHNICAL SPECIFICATIONS:**

Physical Form: Water Soluble Powder Fertilizer  
Product Colour: Light Brown  
Product Odour: Slightly Woody  
Shelf Life: 4 years  
Origin: TURKEY  
Producer: SAMI KÜÇÜKKOCA TARIM TİCARET

**COMPOSITION (w/w):**

Sulphur Trioxide (SO<sub>3</sub>) ..... 5%  
Potassium Oxide (K<sub>2</sub>O) ..... 9%  
Fulvic Acid ..... 65%  
Total Organic Material ..... 70%  
pH: 6 - 8  
Solubility: > 98

**Ingredients : Derived from Lignosulphonic Acid and Potassium Hydroxide.**

**ADVANTAGES AND PROPERTIES :**

Derived from plants with a 65% (min.) content of organic fulvic acid. Its chelating effect, physiological and biological activity give the plant much needed stimulation, especially through the roots. Highly recommended for fertigation in the presence of hard waters, since calcium, which precipitates in the presence of humic acids, remains in the solution when fulvic acids are present.

Accelerates production of nucleic acids. Enhances photosynthesis and respiration . Increases cationic Exchange.Its presentation comes in a fine dark brown powder. Additionally it is 100 % soluble and stable with no occurrence of precipitation. It remarkably increases crop yield and improves the appearance of the produce. When absorbed by the plants through their leaves, in foliar application, it provides added protection to the plant especially against disease and stress.

It provides immunity to the plant against diseases and premature death

It helps avoid and resist stress in low temperatures.Regulates plant water, nutrients and sugar content.Strengthens the weak stems with cell deficiency

Compatible with chemical fertilizers and pesticides, however, we strongly recommend making a small compatibility test before the actual mixing of the product.

**FOLIAR APPLICATION ( DOSES PER HECTARE & TREATMENT )**

FRUIT CROPS (stone fruit,kiwi,citrus,tropic fruits...) 1.0 – 2.0 KG.

VEGETABLES (tomatoe,pepper,squash,eggplant,cucumber,melons... ) 1.0 – 2.0 KG.

ORNAMENTALS (rose,carna\_on...) 1.0 – 1.5 KG.

AGRICULTURAL CROPS(potatoes,maize,sugar beet,cereals ....) 1.0 – 2.0 KG.

FERTIGATION ( DOSES PER HECTARE & SEASON ) 7.0 –9.0 KG.

Foliar Application : Two applications per season are recommended to prevent micronutrient deficiency.

Treatments should be applied at periods of intense vegetative growth (i.e. flowering, fruit development). In post-emergence treatments, apply one treatment every 10-20 days until deficiency symptoms disappear.

**SOIL APPLICATION**

Apply to soil around plants as a powder , liquid spray , liquid injection or through drip irrigation.When applied as a powder it must be washed in within 4 hours of treatment.Soil sprays should be coarse and be applied in a volume of water which ensures adequate wetting of the soil.

**PACKING : 0.25 - 0.5 - 1 - 2 - 5 - 10 - 25 Kg.**

**APPROPRIATE WAREHOUSE CONDITIONS:** Try to keep the product between + 5, - 25 C in its original packaging far from the human,animal and food. Be aware of direct sunlight.

**USAGE SECURITY REGULATIONS :** This product is not toxic.After usage wash your hands and face with water and soap.