# Fertilgold® SOLUBLE POWDER

## Dry Humic and Fulvic Acid

## Guaranteed Analysis
## 0-0-15

Soluble Potash ($K_2O$) ..... 15.0%
***Derived From:*** Potassium Hydroxide

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:
Total Humic Acid (HA) and Fulvic Acid (FA) ..... 60%–70%*
*Determined using the Colorimetric Method

**Other Methods:**
Total HA ..... 40%–45%†
†Analysis using HPTA or ISO 19822 Method
Total HA ..... 35%–40%‡
‡Analysis using CDFA Method

***Derived From:*** Oxidized leonardite.

***Physical Properties:***
Form: Powder
Appearance: Dark reddish-brown-to-black powder having no odor.

***Caution:***
***Keep out of reach of children.***
***Ingestion of this product may cause gastrointestinal irritation or pain.***

***Storage and Disposal:***
Under dry conditions, this product remains stable for several years. Keep product in original bag. Do not transfer into food or drink containers. Always dispose of bag in accordance with local, state, and/or federal regulations.

***Conditions of Sale:***
The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, crop conditions, and other factors are beyond the control of the seller.

OMRI LISTED
For Organic Use

## The Organic Solution for Stimulating Soil and Crops

OMRI-Listed ***Fertilgold® Soluble Powder*** is a water-soluble modified potassium humate powder derived from leonardite ore that is designed to be mixed in liquid solutions and applied to soil. It is produced using a proprietary extraction, modification, and spray dry process. This process yields a high humic/fulvic product that, when added to water or other solutions, has a low solution viscosity. It can be blended and pumped easily and will not plug nozzles or gel during storage. In comparison with other dry humate products, it is soluble over a wider range of pH (5.5 and above) and is low in sodium. ***Fertilgold® Soluble Powder*** is readily bioavailable and is packaged as a fully dissolvable (95% in water) powder. The high carboxyl content improves solubility and ion exchange.

***Benefits of Use:***
- Improves soil structure
- Stimulates microbial growth
- Stabilizes soil pH
- Increases nutrient exchange and retention
- Makes micronutrients more readily available
- Increases root penetration
- Improves nutrient absorption
- Increases stress tolerance
- Improves seed germination

***Deficiency Symptoms—When to Apply:***
- Low organic matter
- Low-fertility soil
- Continuous use, tired soils

***Application Instructions:***
- To formulate a 15% minimum liquid solution, dissolve 2 lb of powder per gallon of solution.
- DO NOT USE in acidic solutions (pH 5.5 or lower), as product may precipitate.
- Best results will be obtained when application is concentrated in the active root zone or when applied directly to the soil followed by shallow cultivation or light irrigation.
- Avoid spreading during high humidity or mixing with high-moisture fertilizers.
- Consult your local Fertilgold® Organics representative or other agricultural specialist for crop-specific recommendations. See table below for suggested rate instructions for various crop types.

| CROP TYPE | APPLICATION RATE |
|---|---|
| Vegetable crops, strawberries | Up to 2 lb/ac (2.25 kg/ha), diluted with 25 gal (100 liters) of water<br>At planting: Banded, side dressed, or injected in furrow<br>At flower set and again 2 weeks prior to harvest: with irrigation |
| Row crops | Up to 3 lb/ac (3.36 kg/ha), diluted with 25 gal (100 liters) of water<br>At planting: Banded, side dressed, or injected in furrow<br>At flower set and again 2 weeks prior to harvest: with irrigation |
| Citrus, Olives, Deciduous Fruit & Nut Trees | Up to 4 lb/ac (4.5 kg/ha), diluted with 25 gal (100 liters) of water<br>At flower set and again 2 weeks prior to harvest: with irrigation |

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Fertilgold® ORGANICS