

# Fulvic Acid Extract



Orchards &  
Vineyards



Agriculture  
& Turf



Lawns, Gardens  
& Nurseries

**Fulvic Acid Extract** is a concentrated bio-stimulant derived from Leonardite. In addition to aiding the transport of vital nutrients and stimulating plant metabolism, it also boosts the populations of beneficial microbes in the rhizosphere. These microbes help plants digest nutrients and defend themselves against disease, and the healthier they are, the healthier the plant.

**Fulvic Acid Extract** can be applied to all crops including vegetables, row and field crops, feed crops, trees, nut trees, and vines. It can be applied with transplant solutions, dips, and all watering solutions. It can be applied to all soil types and pH ranges. It can be applied with most liquid fertilizers, and many pesticides, herbicides, and defoliant.

## **Fulvic Acid Extract:**

- Has a low molecular weight, making it perfect for foliar applications.
- Has twice the oxygen-carrying capacity of humic acid.
- Is more chemically reactive than humic acid, and has twice the cation exchange capacity.
- Helps transport trace minerals into plant tissues.
- Transports metabolic substances to the metabolic sites where they are needed.
- Chelates metals.
- Increases root growth and development, enhancing nutrient uptake.
- Increases carbohydrate production, which feeds beneficial microbes.
- Increases germination rates.
- Increases root permeability.
- Increases production of vital compounds such as chlorophyll and ATP.

## **Directions for Use**

### **SOIL APPLIED:**

**Foliar Applications (vegetables, row and field crops, feed crops, trees, nut trees, and vines):** Apply at a rate of up to 8 quarts per acre per application. Highly recommended for application with all nutrient and pesticide sprays.

**Application with other nutrients:** Do not exceed a 1% solution (for example: 1 quart diluted with a minimum of 25 gallons of water)

**Application Alone (without other nutrients):** Do not exceed a 2% solution (for example: 1 quart diluted with a minimum of 10 gallons of water)

**Soil Applications:** Apply **Fulvic Acid Extract** at a rate of at 0.5 – 3.0 gallons per acre. **Fulvic Acid Extract** can be injected via fertigation at a rate of 1 – 2 gallons per acre up to 6 times per season. In irrigation water, use 0.5 – 1.0 gallons with 10 – 20 gallons of fertilizer.

**Transplanting or Cutting:** Mix 1 quart per 10 gallons of solution.

**Herbicides or Defoliant applications:** Apply 1 – 2 quarts of **Fulvic Acid Extract** per acre. Mix only with non-selective herbicides. **Do not mix with pre-emergence or selective Herbicides.**