

# K-HUMATE® S100

## Concentrated humic acid

### TECHSHEET



### Advantages

- Improves nutrient use efficiency
- Improves soil structure and water holding capacity
- Improves soil tolerance to salts (Na)
- Reduces nutrient lock-up in the soil
- Improved plant root growth and soil biological activity
- Optimizes handling and application (spread and irrigate)

### Overview

K-humate® S100 is an organic water-soluble granular fertilizer and soil conditioner sourced and produced in Australia. It provides a high concentrated humic acid combined with potassium.

### Benefits

**Biological:** improves soil beneficial microorganisms by providing carbon.

**Chemical:** improves nutrient availability and retention for long-term soil fertility.

**Physical:** improves soil structure and moisture with for better root penetration and growth.

### Compatibility

Can be mixed with dry fertilizers blends.

Can be dissolved with water at a ratio of minimum of 1 lbs. per gallon and mixed with:

- UAN 28 and UAN 32 (do not exceed a ratio of 1:3)
- Polyphosphates: example 10 - 34 - 0 (do not exceed a ratio of 1:4)

When mixing with other liquid fertilizers, test for compatibility with a small quantity in a jar.

### Guaranteed Analysis

#### % W/W

Humic acid (CDFA method of analysis):	70.0 %
K <sub>2</sub> O	21 %
pH	11.4

CEC 1900 meq / 100g (1900 cmolc / kg)

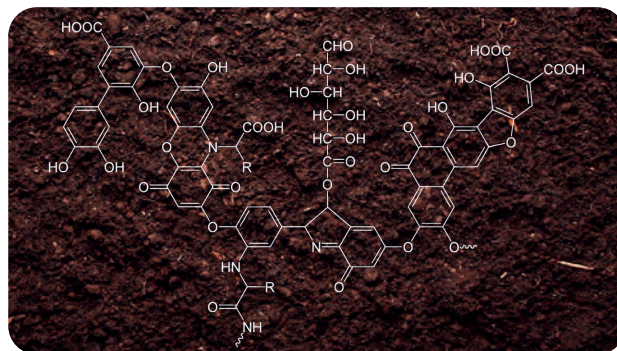
## K-HUMATE® S100 leads to better soil health!

### Application Rates

- K-HUMATE® S100 can be applied to soil as granular or dissolved with water and added to any forms of irrigation at a rate of 2 to 10 lb / acre. Repeated applications may be beneficial.
- Application ratio after being dissolved in water is 1:100.
- For better results apply K-humate® S100 before fertilizers application.

### Storage

Store in a dry place.



Omnia Specialties, Inc.  
2255 Sheridan Blvd, Ste 209,  
Edgewater, CO. 80214



omniausa.org



+1 800 760-8402