



# Earthcrew, Inc.

# TECHNICAL DATA SHEET

Product Name / Trade Name: Organic Potassium Humate Powder

ALSO KNOWN AS:  
100% Soluble Humic Acid Powder

Raw Material (Derived from): Sub-bituminous Humate & Potassium Hydroxide

Composition / Analysis:

Humic Acid content:	Colorimetric method (A&L) – 95%
	Precipitation method (CDFA) – 60%
	ISO method (ISO 5073:1999 (E)) – 85%
Organic Matter:	50%
Total Carbon:	36%
pH:	9.0 – 9.5

Product	Nitrogen % N	Available % P <sub>2</sub> O <sub>5</sub>	Potash % K <sub>2</sub> O	Calcium % Ca	Magnesium % Mg	Copper % Cu	Zinc % Zn	Iron % Fe	Boron % B
WSP	1%	0.02%	12%	1%	0.15%	<.001%	0.001%	0.50%	0.001%

Harmful ingredients: None

Finished product: Fine solid black powder

Mixing instructions:

- 1) Mix 1 lb. Humic Powder into 1 gallon of water (1kg into 5 liters).
- 2) Agitate/dissolve Powder in water.
- 3) Further dilute with 25 gallons (100 liters) of water prior to application.
- 4) Apply diluted Humic Powder solution to soil in fall and early spring with as many as 4 applications per grow season.

Application rate (Dry and Liquid): Agronomic Crops – 5-10 lbs. Humic Powder per acre (5-10 kg per hectare) as dry broadcast directly, mixed with other dry granule fertilizer to broadcast or apply 125-250 gallons of diluted Humic Powder solution per acre (500 - 1000 liters per hectare).

Turf - 10 lbs. Humic Powder per acre (10 kg. per hectare) mixed with dry granule fertilizer to broadcast or 1000 liters diluted Liquid Humic per hectare.

Storage: Store in a cool and moisture-free location.