



Earthcrew, Inc.

TECHNICAL DATA SHEET

Product Name / Trade Name:

Humic Acid Water Soluble Granules

ALSO KNOWN AS:

100% Soluble Potassium Humate Granule

100% Soluble Humic Acid Granule (WSG)

Raw Material (Derived from):

Sub-bituminous humate

Manufacturing Process:

Raw material humate powder mixed into alkali solution liquid extraction in agitation tank → initial screening → Proprietary filtration process to separate insoluble material from liquid humic concentrated extract → Liquid transferred to spray dryer to produce powder →

Patent pending granulation process → Quality control

Composition / Analysis:

Humic Acid content: Colorimetric method (A&L) - 99%
ISO method (ISO 5073:1999 (E)) - 80%

Organic Matter: 50%

Total Carbon: 36%

pH: 8-9

Product	Nitrogen % N	Available % P ₂ O ₅	Potash % K ₂ O	Calcium % Ca	Magnesium % Mg	Copper % Cu	Zinc % Zn	Iron % Fe	Boron % B
WSG	1%	0.01%	12%	1%	0.15%	0.001%	.001%	0.25%	0.01%

Harmful ingredients:

None

Finished product:

Solid black granules (size: 2-4 mm)

Mixing instructions / reconstitution:

- 1) Mix 1 lb. granules in 1 gallon of water.
- 2) Agitate/dissolve in water.
- 3) Dilute with at least 25 gallons of water prior to liquid application.
- 4) Apply diluted solution to soil in fall and early spring with as many as 4 applications per season.

Application rate (Dry and Liquid):

Agronomic Crops – 5-10 lbs. of granules per acre dry broadcast directly, mixed with dry granule fertilizer or apply 125-250 gallons diluted solution per acre.

Turf – 10 lbs. of granules per acre dry broadcast directly, mixed with dry granule fertilizer to broadcast or 250 gallons diluted solution per acre.