

Product Name / Trade Name: Diamond Grow® - Humi[K] WSP

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

Composition / Typical Analysis:

Humic Acid content:	Colorimetric (A&L method) - 95% min. PTA-FQ-014 (Kononova method) - 70% min. Precipitation (CDFA method) - 65% min. ISO/AOAC/IHSS methods - 60% min.
Fulvic Acid content:	10-15% (V&B method) 5-10% (ISO/AOAC/IHSS/Kononova methods)
Organic Matter:	~50%
Total Carbon:	~36%
pH:	8.5 – 9.0

Product	Nitrogen % N	Available % P ₂ O ₅	Potash % K ₂ O	Calcium % Ca	Magnesium % Mg	Copper % Cu	Zinc % Zn	Iron % Fe	Boron % B
Humi[K] WSP	1%	0%	14%	1%	0.15%	<.001%	0.002%	0.50%	0.02%

Solubility: 100% Water Soluble

Finished product: Fine Solid Black Powder

Bulk Density: 40-45 lbs./ft³

Mixing instructions:

- 1) Mix 1 lb. (0.45 kg.) Humi[K] WSP in 1 gallon (4 liters) of water.
- 2) Agitate/dissolve Humi[K] WSP in water.
- 3) Further dilute with 19 gallons (72 liters) of water prior to application.
- 4) Apply diluted Humi[K] concentrate to soil in fall and early spring with as many as 4 applications per grow season.

pH of water should be no less than 6.5 or fallout will occur. Hard water with high levels of calcium is not ideal. A standard jar test is always recommended before mixing on a large scale. For more detailed fertilizer compatibility, please contact your Diamond Grow distributor.

Application rate (Dry and Liquid): Agonomic Crops – 4-10 lbs./gallons (of concentrate) per acre. (4.8-11.2 kg. per hectare), or apply 80-200 gallons diluted concentrate per acre (748 - 1871 liters per hectare)

Turf – 5-10 lbs./gallons (of concentrate) per acre. (5.06-11.2 kg. per hectare), or apply 100-200 gallons diluted concentrate per acre (936-1871 liters per hectare)

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