

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

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

Composition / Analysis:

Humic Acid Content:	Colorimetric (A&L method) - 12% min. Precipitation (CDFA method) - 8% min. ISO/AOAC/IHSS method - 5% min.
Fulvic Acid Content:	1.5% (V&B method)
Organic Matter:	~3%
Total Carbon	~2%
pH:	8.5 – 9.0

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
Humi[K] Liquid	0.1%	<0.01%	2%	0.1%	0.02%	<.001%	<.001%	0.05%	0.001%

Harmful ingredients: None

Finished product: Black Liquid

Bulk Density: ~8.7 lbs./gal

Mixing instructions / reconstitution:

- Mix 1-gallon (4 liters) of Humi[K] Liquid into 20 gallons (75) liters water prior to application.
- Agitate/mix with water thoroughly.
- Apply Humi[K] Liquid to soil in fall or early spring and 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:

Agronomic Crops – 4-10 gallons (of concentrate) per acre (38-94 liters per hectare), or apply 80-200 gallons diluted concentrate per acre (748 - 1871 liters per hectare)

Turf – 5-10 gallons (of concentrate) per acre (47-94 liters per hectare), or apply 100-200 gallons diluted concentrate per acre (936-1871 liters per hectare)

Storage: Store in a cool with temperature above freezing.