

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

Raw Material (Derived from): Sub-bituminous Coals, Potassium Hydroxide, Sea Kelp Extract, Bacillus Microbes

Composition / Analysis: Humic Acid content: 95-97% Potassium Humate (A&L method)  
60-65% Humic Acid (CDFA method)

Sea Kelp Extract Content: 2.5%

Microbial Content:

Bacillus Licheniformis.....2.99 x 10<sup>7</sup> CFU/gm  
 Bacillus Megaterium.....3.59 x 10<sup>7</sup> CFU/gm  
 Bacillus Subtilis.....8.37 x 10<sup>7</sup> CFU/gm  
 Bacillus Amyloliquefaciens.....8.37 x 10<sup>7</sup> CFU/gm  
 Bacillus Pumilus.....8.37 x 10<sup>7</sup> CFU/gm

**Total Bacillus: 3.17 x 10<sup>8</sup>**

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] Bio	1%	0.01%	14%	1.54%	0.15%	<.001%	.001%	0.37%	.01%

Harmful ingredients: None

Finished product: Black granules

Mixing instructions / reconstitution:
 

- 1) Mix 1 lb. (0.45 kg.) Humi[K] Bio in 1 gallon (4 liters) of water.
- 2) Agitate/dissolve Humi[K] Bio in water.
- 3) Dilute with at least 19 gallons (70 liters) of water prior to liquid application.
- 4) Apply diluted Humi[K] Bio solution to soil in fall and early spring with as many as 4 applications per grow season. **\*\*DO NOT STORE RECONSTITUTED LIQUID for more than 8 hours (point of use application only).**

Application rate (Dry and Liquid): Agronomic Crops – 5 lbs. of Humi[K] Bio per acre (5-6 kg. per hectare) dry broadcast directly, mixed with dry granule fertilizer to broadcast or apply 125-250 gallons diluted Humi[K] Bio solution per acre (500 liter-1000 liters per hectare)

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

Expiration: 3 years from the date of manufacture.