

Product Name / Trade Name: Diamond Grow[®] - Humi[K] Bio+ “plus”

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

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

Extracted Sea Kelp Content: 5%

Microbial Content: **3.07x10⁸ TOTAL CFU/g**

Bacillus Licheniformis.....2.91 x 10⁷ CFU/gm
 Bacillus Megaterium.....3.47 x 10⁷ CFU/gm
 Bacillus Subtilis.....8.10 x 10⁷ CFU/gm
 Bacillus Amyloliquefaciens.....8.10 x 10⁷ CFU/gm
 Bacillus Pumilus.....8.10 x 10⁷ CFU/gm

Mycorrhiza Content:

Endomycorrhizal Fungi (1,003 prop/lb Total)
 Glomus intraradices, G. mosseae, G. aggregatum, G. etunicatum (0.55 prop/g each)
 Ectomycorrhizal Fungi (848,693 prop/lb Total)
 Rhizopogon villosulus, R. luteolus, R. amylopogon, R. fulvigleba (21 prop/g each)
 Pisolithus tinctorius (1,701 prop/g)
 Scleroderma cepa, S. citrinum (42 prop/g each)

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] Bio+ “plus”	1%	0.01%	14%	1.54%	0.15%	<.001%	.001%	0.37%	.01%

Harmful ingredients: None

Finished product: Black powder

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) 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.