

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

Raw Material (Derived from): Elemental Sulfur; Bentonite Clay; Sub-bituminous Coals & Potassium Hydroxide

Composition / Typical Analysis:

| | |
|---------------------|----------------------------------|
| Humic Acid content: | Colorimetric method (A&L) – 4% |
| | Precipitation method (CDFA) – 2% |
| Sulfur: | 85% |
| Bentonite Clay: | 11% |
| Bulk Density: | 76 lbs. per ft ³ |

| Product | Nitrogen % N | Available % P ₂ O ₅ | Potash % K ₂ O | Copper % Cu | Zinc Zn |
|---------------|-----------------|--|------------------------------|----------------|---------------|
| Humi[K] ES | 0 % | 0% | 0% | 0.9% | 7.82 mg/kg |

Harmful ingredients: May form combustible dust concentrations in air. Causes skin and eye irritation. May be harmful if swallowed, in contact with skin or if inhaled.

Finished product: Gray/Green Pastilles

Directions for use: One application is recommended per growing season. Proper timing, rate, and placement of Humi[K] ES is important, for desired results and is highly dependent on stage of crop growth, soil fertility levels and environmental conditions. If unsure of application rates for your specific crop(s) or soil(s), please consult your local Agronomic Professional.

Application rate (Dry): Agronomic Crops: 75-400 lbs. of Humi[K] ES per acre (84-448 kg. per hectare)

Humi[K] ES can be banded or broadcasted; broadcasting in the fall has the benefit of exposing sulfur pastilles to freeze-thaw and moisture over winter for more thorough disintegration. Repeat applications result in the improvement of soil populations of Sulfur processing bacteria.

Typical Product Size (Granule): 260 SGN

Storage: Store in a cool and moisture-free location away from any source of ignition.

Canadian Distribution:

Earth Smart Solutions Inc.
Toll Free: 1-866-444-7174
130 - 60 Industry Way SE. Calgary, AB. T3S 0A2
Email: info@earth-smart-solutions.com | Web: www.earth-smart-solutions.com

