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HUMI-K

86% Humic Acid Soluble Potassium Humate

Why Humic Acids:

Humic Acids are the end result of long-term Organic Matter decay. Their applications to soils / crops have shown improvements in yield and / or quality. The merits of applying Humic Acids to crops are many. They include the following:

- Humic Acids increase the availabilities of applied fertilizers and native nutrients, including major, secondary, and trace elements.
- Humic Acid help create a good soil environment for both roots and beneficial microorganisms resulting in a healthier rhizosphere and better crop performance.
- Humic Acids reduce "lock up" of nutrients in the soil by inducing slow mineral release as a result of natural chelation. Leaching is reduced.
- Humic Acids are an excellent additive to pesticides, herbicides, fungicides, biological formulations, hormones, and foliar nutrients. It is safe for humans, farm animals, and wildlife. It is non-phytotoxic and does not produce any environmental, hazards.
- Humic Acids are ideal to apply on all soils (acid or alkaline), especially those with low organic matter (less than 3%).

Properties of Humi-K:

Humic Acids are commodities. There is a huge number of Humic-Acid containing products on the market. Some are in powder form others are in liquid form. The choice between products is often based on cost and concentrations. Whilst these

issues are important, it is also important to note that Humic Acids can vary in their quality. The merits of Liquid Humi-K can be summarized in the following:

- Whilst other products may contain super saturated suspensions of Humic Acids, Humi-K is a **solid soluble** form of **Potassium Humates** offering an immediately available form of Humic Acids at a staggering concentration of **86 %**
- Humi-K is derived from high quality Leonardite. It delivers immediate supplies of readily available, high quality, and cost effective form of Humic Acids in a true solution.
- Humi-K can be applied by mixing it with fertilizers, spraying it on foliage / soil surface, injection into irrigation systems, etc It can be applied when no other forms of organic matter (compost, manure, green manure, etc) can be feasibly applied.
- The Humic Acids in Humi-K have a high CEC (nutrient holding capacity) giving Humi-K an average CEC of 400 meq/100 gr.
- The Humic Acids in Liquid Humi-K have a high percentage of **Fulvic Acids** (30-34%).
- Liquid Humi-K has a wide stability range (pH 4-10) and a minimum shelf life of 5 years.