

HUMAX POWDER

80% Humic Acid
100% Soluble Humic Acid

WHY HUMAX POWDER?

Humic Acids are the end result of long-term Organic Matter decay. Their applications to soils/crops have gained a lot of interest recently. The major problems with traditional Humic Acid products have been their low concentration, difficulty of application, clogging of fertigation systems, low solubility, as well as cost. On the other hand **HUMAX POWDER IS A COST EFFECTIVE BREAK THROUGH AND A TECHNICAL MARVEL** offering an immediate available form of humus.

PROPERTIES AND BENEFITS

HUMAX POWDER is the world's first 80% Humic Acid as well as 100% soluble Humic Acid material. It is derived from high quality Leonardite. It delivers immediate supplies of readily available and cost effective forms of Humic Acids.

HUMAX POWDER can be applied by itself or ideally by mixing it with fertilizers, into sprays or irrigation systems. It can be applied where no other forms of O.M. (manure, green manure, etc....) can be feasibly applied.

HUMAX POWDER has an average CEC (nutrient holding capacity) of 350 meq/100gr. This exceeds the average CEC of Australian soils by nearly 100 times. That's why it has the power to reduce greatly the nutrient "lock up" in soils.

HUMAX POWDER has a stability range (pH 4-10). Minimum shelf life of 5 years.

HUMAX POWDER increases the availability of all nutrients (native and applied fertilizers), reduces leaching and allows for better absorption and utilization of elements.

HUMAX POWDER is ideal for all soils (acid or alkaline) , especially those with low organic matter (less than 3%). It also activates the soil micro-organisms resulting in a healthier rhizosphere, better symbiosis, hence better crop performance.

HUMAX POWDER is an excellent additive to pesticides, herbicides, fungicides, biological formulations, hormones, and foliar nutrients. It is environmentally friendly and totally safe to use.

PRODUCT HANDLING AND PREPARATION

For fast and easy dissolution of **HUMAX POWDER**, it is recommended either to soak **HUMAX** in a considerable amount of water the night before usage or to sprinkle the desired amount on top of the water (before adding chemicals), allowing a few minutes to settle, as it is self dissolving. Do not stir prior to full sinking.

DIRECTION FOR USE

RATES OF APPLICATION

FOLIAR APPLICATIONS:

Apply 20-30 g/200L. Can be mixed with fungicides, pesticides, herbicides and foliar nutrients.

SOIL APPLICATIONS:

Orchards and Vineyards (established or new): Apply 1-2 kg/ ha/application with soluble fertilizers. Repeat for at least 5-6 times during the growing season.

Field Vegetables (carrots, lettuce, Brassicas, onion, melons, tomato, capsicum, eggplants, potatoes, etc...): Apply 1-2 kg/ ha with first irrigation. Repeat every 4-6 weeks.

Greenhouses (Vegetables and Cut Flowers): Apply 100g/ 500sqm with NPK fertilizers. (Same for outdoor Cut Flowers). Repeat application every 6-8 weeks.

Nurseries: Apply 100g/ 500sqm every 2-3 weeks.

Landscaping: Apply 0.5 kg per average size back yard (i.e. 500sqm) 3-4 times a year. Dilute in 20-40 liters and spray over Lawn, Flowers, Vegetable Beds, and Fruit Trees.

Lucerne: Apply 1-2 kg/ ha after each cut.

Cotton: Apply 1-2 kg / ha with first irrigation. Repeat after flower set.

Turf: Apply 1-2 kg/ ha with crop establishment. Repeat every 4-6 weeks.

Golf Greens: Apply 1-2 kg/ ha every 2-4 weeks.

Transplants: Dip roots in a solution of 30g/20Lt prior to Transplanting.

Seed Raising Mixture: Apply 100-200g/cubic meter.

As general rule of thumb, apply **HUMAX POWDER** at 2-4 kg/ha/season in split applications. **HUMAX POWDER** can however be used quite liberally, double rates in sandy soils will result in higher benefits.

Above applications are best injected via fertigation, furrow irrigation, pivot or overheads. In the absence of injection facilities, spray above rates on the soil before irrigation or cultivation.

COMPATIBILITY

HUMAX POWDER is **INCOMPATIBLE** with Calcium.

HUMAX POWDER is **COMPATIBLE** with most pesticides, fungicides, herbicides, biological formulations, NPK fertilizers and Trace Elements.

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