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FUL-SOL

6% Fulvic Acids
2% Organic Acids

WHY FUL-SOL ?

Fulvic 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 Fulvic Acid products have been their low concentrations and very high price. **FUL-SOL IS A COST EFFECTIVE BREAK THROUGH AS WELL AS A TECHNICAL MARVEL** offering immediately available form of concentrated Fulvic Acids.

PROPERTIES AND BENEFITS

1. **FUL-SOL** is derived from high quality Leonardite.

2. **FUL-SOL** can be applied by mixing 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.

3. **FUL-SOL** is compatible with hard water and calcium fertilizers.

4. **FUL-SOL** has an average CEC (nutrient holding capacity) of 100 meq/100 gr. This exceeds the average CEC of Australian soils by nearly 20 times.

5. **FUL-SOL** has a wide stability range (pH 4-10) and a minimum shelf life of 5 years.

6. **FUL-SOL** increases the availabilities and reduces leaching of applied fertilizers and native nutrients, including major, secondary, and trace elements.

7. **FUL-SOL** helps create a good soil environment for both roots and beneficial micro-organisms resulting in a healthier rhizosphere, better symbiosis, and a better crop performance.

8. **FUL-SOL** is ideal for all soils (acid or alkaline); especially those with low

organic matter (less than 3%).

9. **FUL-SOL** reduces "lock up" of nutrients in the soil by inducing slow release process of natural chelation.

DIRECTIONS FOR USE

RATES OF SOIL APPLICATION:

Orchards and Vineyards (established or new): 2-4 Lt/Ha/growing season, best given in 2-3 split applications (beginning early spring via fertigation or overhead injection).

Field Crops: (Carrot, Lettuce, Brassicas, Onion, Melons, Tomato, Capsicum, Eggplant, Potato, etc...): 1-2 Lt/Ha with 1st irrigation. Repeat every 4-6 weeks.

Greenhouses (Vegetables and Cut Flowers): 100 ml/500 sqm with NPK fertilizers. (Same for outdoor Cut Flowers).

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

Landscaping: 500 ml kg per average size back yard (ie 500sqm) 3-4 times a year. Dilute in 20-40 litres and spray over lawn and flowers, vegetable beds, and fruit trees.

Lucerne: 1-2 Lt/Ha after each cut.

Cotton: 1-2 Lt/Ha with 1st irrigation. Repeat after flower set.

Turf: 1-2 Lt/Ha with crop establishment. Repeat every 4-6 weeks.

Golf Greens: 1-2 Lt/Ha every 2-4 weeks.

Transplants: Dip roots in a solution of 30 ml/20 Lt water prior to transplanting.

As a general rule of thumb, apply **FUL-SOL** at 2-3 Lt per Ha/season in split applications. **FUL-SOL** can however be used quite liberally; higher rates 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 soil before irrigation or cultivation. **FUL-SOL** can also be foliar-applied (@200-250 ml/Ha) mixed with chemicals in spray vats.

COMPATIBILITY:

FUL-SOL is compatible with most pesticides, fungicides, herbicides, biological formulations and NPK fertilizers, calcium fertilizers, and Trace Elements.

FUL-SOL IS A SUPER SATURATED SOLUTION. SHAKE CONTAINER WELL BEFORE USING