

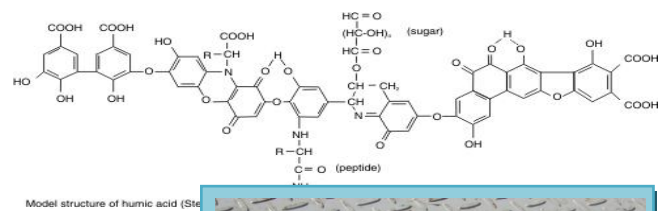


# RCG<sub>tm</sub>

## Water Soluble Reactive Carbon Granule

### Ferti-Tech RCG<sub>tm</sub>

A water soluble, humic and fulvic acid carbon granule that acts as a potent catalyst for making soil fertility farming systems work quicker and better. Ferti-Tech RCG<sub>tm</sub> chelates and holds nutrients (especially high analysis fertilisers) in a loosely charged bond that permits plants to exchange this nutrition for a hydrogen ion as wanted, thereby preventing waste and leaching. It also chelates and holds other Macro and Micro elements which provides a nutrient available and fertile area for root systems, microbes, oxygen and water to interact in a highly productive aerobic environment.



Model structure of humic acid (Stein)



### Use and Recommended Dosage Rates

For Use with Solid Fertilisers down the Tube MAP/DAP/SOA/CaNitrate/Urea and Other High Analysis Formulations

**Ferti-Tech RCG<sub>tm</sub>**  
65% Humic/Fulvic Acid  
95% Water Soluble  
2mm-5mm Granule

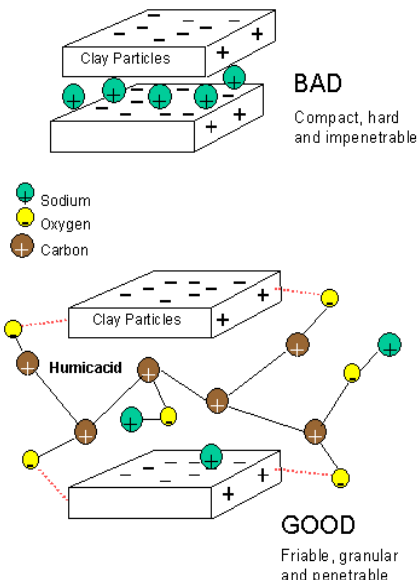
- 10kg per Hectare Standard (as a Solid Fertiliser Adjuvant)
- 10kg-15kg per Hectare for Sandier Soils, Light Loams or any areas where TEC is under 5 or Soil Organic Carbon is under 1%
- 20kg-30kg per Hectare for Salt Affected Patches, Anaerobic Condition, Non-Wetting Sands (contact FTA for further advice)
- 40kg+ per Hectare applied to Salt Affected Areas progressively encroaching on arable land (contact FTA for further advice)

Keep in a Dry Stable Environment. Important to Mix Well for best Effect.

**Larger Root Mass with increased lateral growth, more root hairs and a higher exudate activity is expected when Ferti-Tech RCG<sub>tm</sub> is combined with Ferti-Tech Seed Enhancer Nutritional Seed Dressing**

### Ferti-Tech RCG<sub>tm</sub> is a Nitrogen Maximiser and stimulates a Cost Effective Biology Performance

- Important Buffer for Ion exchange Nitrogen transfer in the Rhizosphere (avoids Fertiliser Concentrations causing Root Clubbing or Wasted Sideways Growth)
- Holds Nitrogen in Ammonia Form Longer
- Prevents Leaching and prevents NO<sub>2</sub> creation but is a catalyst for O<sub>2</sub> and CO<sub>2</sub> production
- Provides Microbial Food, Harbour and Stimulation
- Stimulates Carbohydrate Secretions from the Root System and aids Humus Formation



Ferti-Tech RCG<sub>tm</sub> aids aggregation and conductive balance in the soil increasing space and separation between soil particulates. Also, at the same time, acting as a remediation and highly reactive carbon source that can absorb toxins, reverse salt affected patches and aid in the better performance of non-wetting sands.

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