

AGROMATE®



70% Humic Acid, 80% Organic Matter



Enhanced availability potassium for improving colour, size, ripening and flavour of fruit and vegetables

BENEFITS OF AGROMATE®

- Stimulates plant enzymes
- Acts as an organic catalyst
- Encourages soil micro-organisms
- Increases root respiration and formation
- Increases plant membrane permeability
- Increases nutrient translocation
- Increases soil cation exchange capacity
- Improves soil pH buffering capacity
- Provides organic and mineral substances
- Retains water soluble fertilisers in soil
- Improves friability of soil

WHAT IS HUMUS?

Humus is a complex aggregate of brown to dark coloured substances, which originated during the ancient decomposition and deposition of plant and animal residues. Chemically humus is a very complex mixture of organic constituents which originated in living plant tissue. The end result of microbial activity and breakdown of humus is known as Humic Acid.

THE IMPORTANCE OF HUMIC ACIDS

Humic acids are complex organic molecules formed by the breakdown of organic matter in the soil. Humic acid contains many functional chemical groups that are highly active in the chelation and mobilisation of plant nutrients. Humic acids hold onto nutrients, attract moisture, provide carbon for microorganisms and help in the development of soil structure.

AGROMATE®

CHARACTERISTICS: pH: 3.0 - 4.0; Specific Gravity: 1.515 – 1.525

AUS Analysis W/W%: 70% Humic & Fulvics, 80% Organic Matter

International Analysis W/W%: Total Organic Matter 75 – 85%, Humics & Fulvics 65 – 75% w/w

APPLICATION

Clay & loam soil profiles: 150 – 200kg/ha Apply as required to improve soil structure, drainage and tilth.

Potting Mixes: 1 – 3% of total mix Apply as required.

Sandy Soil Profile: 170 – 300kg/ha Apply as required to improve soil structure, texture and reduce erosion.

Planting Bed Mixes: 20 – 50kg/1000 sqm Apply to beds and incorporate at bed creation.

Fertiliser Mix: 5 – 10% Mix into fertilizer as required to aid in retention within the root zone.

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NOTE: The suggested rates of application of the Product are designed for typical Australian conditions and should be used as a guide only. Each farmer's climatic conditions, water quality, soil types, application processes and practices may differ and therefore necessitate corrections to ensure optimum results. Good agricultural practice requires that application be avoided under extreme weather conditions such as temperatures over 28°C, high humidity, frost, rain etc. It is recommended that when applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total spray. Where possible, it is recommended that regular leaf tests are conducted to determine actual plant nutrient availability during each growth cycle. Soil tests at least once per year are essential.