ECOZYME SYSTEM TECHNOLOGIES

Terra Secure

TECH DATA SHEET

Terra Secure is a Naturally Formulated Plant nutrient source and soil amendment product. It is a viable source of essential growth nutrients as well as very important soil microbials, amino acids and humates which are sourced and extracted from natural renewable inputs. The natural non-salt, non-chemical based nutrients are immediately available at no risk of fertilizer burn or harm to growing plants. The large number of plant soil essential microbials makes this product a viable resource for increasing soil health, bringing soil back to productive life.

GROWING SUSTAINABLE RELATIONSHIPS

Nitrogen (.70%)
Terra Secure will provide the equivalence of 96 units of nitrogen with the majority of this coming as a slow-release feed to the plants from nitrogen fixation bacteria (Azorhizobium).

Phosphorus (.02%)
Equivalent to 15 units.

Potash (.03%)
Equivalent to 20 units.

Sulphur (.01%)
Equivalent to 7 units.

Conventional fertilizer can be added to Terra Secure if needed for higher rates in all crops. It is recommended to use between 25%-50% of the recommended rate due to the higher level of microbes in Terra Secure. Microbial activity will make the nutrients in conventional fertilizer available for plants at a faster rate.

L-Amino Acids

The introduction of L-amino acids into Terra Secure is to help increase the plant's ability to uptake and utilize nitrogen more efficiently. L-Amino acids are also essential metabolites for chlorophyll synthesis and tissue formation. The amino acids raise the concentration of chlorophyll in plants resulting in greater absorption of light energy, which increases photosynthesis.

Mycorrhizae

The primary reason for the addition of Mycorrhizae is its importance in the plant's ability to uptake nutrients. Most importantly, the ability to uptake phosphorus. When Mycorrhizae are present, plants are also less susceptible to water stress. Either the lack of or the overabundance of.

Benefits of Mycorrhizae

- Enhanced water and nutrient uptake.
- Reduction of irrigation requirements.
- Increased drought resistance.
- Increased pathogen resistance.
- Reduce the need for fertilizer.
- Increased plant health and stress tolerance.

Available in 1 gal, 5 gal, 55 gal, 250 gal and bulk

Renewable and Biodegradable;
Making it Environmentally Sustainable.

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