



Green Mate

Designed for fast, easy and accurate use in turf and ornamental applications.

Green Mate

Benefits of Green mate

- Stimulates soil biological activity.
- Provides readily available carbon and micronutrients for organisms
- Chelating properties increase action exchange capacity.
- Frees-up soil-bound nutrients.
- Buffers soil chemical reactions.
- Improves moisture retention.
- Promotes soil agglomeration and develops good soil structure.
- Breaks-up compact clay soils.



Green Mate

Designed to effectively and naturally simulate soils biological activity, made from natural gypsum and humate





Recommendation of Green mate for agriculture

Benefit to soil and plants.	Crops	Application rate of gypsum (kg./hectare)
<ul style="list-style-type: none"> -Increase calcium and sulphur content in the soil. -Correct the surface soil crusting and poor water penetration as a result of heavy rain or irrigation. -Reduce the subsoil acidity. -Support the balance between magnesium, potassium and micronutrients. -Reduce the toxicity of nutrients in soil and plants. -Reduce the plant diseases affected to stems, roots and fruits. -Increase yield and quality of crops 	<ul style="list-style-type: none"> -Fruits crops : grapes, orange, apple, citrus, lime, pineapple, cantaloup, strawberry and tropical fruits. -Field crops : peanuts, soybean, mungbean, sesame, rice, corn, sugarcane, cassava, etc. -Tuber crops : potato, sweet potato, taro, etc. -Vegetables : various kind of edible leaves, pods and fruits. 	<p>300 - 650</p> <p>175 - 350</p> <p>175 - 350</p> <p>175 - 350</p>

Benefit to soil	Purpose of applying	Application rate of gypsum (kg./hectare)
<ul style="list-style-type: none"> -Combining effects of soil and organic matter increases the soil flocculation. -Increase the soil water absorption and infiltration rate. -Build up the nutrient balance between calcium and micronutrients. -Works together with water-soluble polymers, soil conditioners to become more effective. -Can enhance liming to correct soil acidity. -Reclaim sodic soils caused by accumulation of Sodium where the pH raised more than 8 (with exception for salt tolerant crops) in which ordinary crop cannot survive. 	<ul style="list-style-type: none"> -Rehabilitate and buffers soil pH to favorable condition of plant growth -Rehabilitate sodic soils or alkali soils caused by salt built up in the soil.* 	<p>500 - 1300</p> <p>500 - 1300</p>

Derived from leonardite, calcium sulphate and lignin sulphonate (pellet binder).

Products Analysis

Gypsum (CaSO ₄ .2H ₂ O)	97 %
Calcium (Ca)	23 %
Sulphur (S)	16 %
Humates (Humic Acid)	3 %



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Benefits

- Correct soil surface crusting. This will enable good soil penetration and improve water and air movement in the soil.
- Softens the soil for easier ploughing.
- Maintain good soil moisture management.
- Buffer appropriate soil pH.
- Assist in development of soil organic matter.
- Increase the efficient use of nitrogen in plant roots.
- Increase the efficiency of water and nutrient absorption in plant.
- Reduce water runoff and soil erosion.
- Prevent diseases affecting stem root, fruit rots, cracked stem and fruit diseases.
- Strengthen the nutrient balance between calcium and other micronutrients.
- Increase calcium and sulphur in soil.
- Can be applied by bulk spreaders or through irrigation systems.



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