IMPROVE SOILS WITH NATURAL SUBSTANCES



Green



- **Quality Gypsum**
- For Sustainable Agriculture







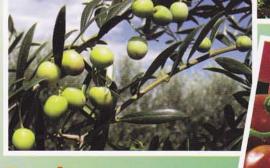




For a quick and cost effective application through irrigation equipment, extremely fine agricultural gypsum products are crucial They are able to disperse into solution faster than any other agricultural gypsum products.







97% Minimum Purity

98% Average Purity

The Properties of Green Cal Gypsum

- Supplies readily available calcium and sulphur without significantly affecting soil pH.
- Improves soil structure, reduces surface crusting, and aids water penetration/absorption and aeration.
- Binds sodium ions with sulphate ions, thereby facilitating the removal of sodium through leaching from the root zone.
- Improves drought tolerance through better soil structure and better plant health.
- Encourages deep root growth promoting plant vigor.
- Effectively counter acts sodium alkaline soils.
- Can be applied in any season.

Recommendation of Green cal for agriculture		
Benefit to soil and plants.	Crops	Application rate of gypsum (kg./hectare)
-Increase calcium and sulphur content in the soilCorrect the surface soil crusting and poor water penetration as a result of heavy rain or irrigation.	-Fruits crops: grapes, orange, apple, citrus, lime, pineapple, cantaloup, strawberry and tropical fruits.	300 - 650
-Reduce the subsoil aciditySupport the balance between magnesium, potassium and micronutrients.	-Field crops : peanuts, soybean, mungbean, sesame, rice, corn, sugarcane, cassava, etc.	175 - 350
-Reduce the toxicity of nutrients in soil and plants.	-Tuber crops : potato, sweet potato, taro, etc.	175 - 350
-Reduce the plant diseases affected to stems,roots and fruits. -Increase yield and quality of crops	-Vegetables : various kind of edible leaves, pods and fruits.	175 - 350

Benefit to soil	Purpose of applying	Application rate of gypsum (kg./hectare)
-Combining effects of soil and organic matter increases the soil flocculationIncrease the soil water absorption and infiltration rateBuild up the nutrient balance between calcium and micronutrientsWorks together with water-soluble polymers, soil conditioners to become more effectiveCan enhance liming to correct soil acidityReclaim sodic soils caused by accumulation of Sodium where the pH raised more than 8 (with exception for salt tolerant crops)	-Rehabilitate and buffers soil pH to favorable condition of plant growth -Rehabilitate sodic soils or alkail soils caused by salt built up in the soil.*	500 - 1300 500 - 1300

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

Chemical Analysis	Guarantee
Gypsum (CaSO ₄ .2H ₂ O)	97.0 %
Calcium (Ca)	23.0 %
Sulphur (S)	18.0 %











Manufactured:

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