



Global Salinity

- Using this compound is an indicator of soil salinity, because it reduces the sodium content and electrical connection of the soil. It also improves the density of cationic changes through the "calcium substituting sodium" process in the root zone where the roots grow (supplies with calcium), avoiding harmful effects of salts and removing the salinity of irrigation water. It also reduces soil integration and therefore, motivates root growth.
- Salinity is one of the basic components of soil, since the agricultural value of these salts constitutes a food reserve for soil. If these salts are insufficient or the soil lacks some important salts, we have to add them through the fertilization process.
- When salts accumulate in the soil, these changes may be useful in agriculture and may be harmful. All these conditions are considered as the beginning of certain agricultural problems, such as (bad water drainage – improper gas exchange – poor seed germination – high osmotic pressure – poor water absorption – increase in soil pH – increase in electrical conductivity).

ADVANTAGES

- Calcium in the product coats a soil particle, as salts are found in the soil. Then, it collects soil particles into a larger form, by substituting with calcium the salts found in soil particles. Therefore, it will penetrate the soil more efficiently.
- The compound improves the electrical conductivity, reduces the soil PH, and removes the ions that were coating the clay granules; these ions are responsible for the abnormal conditions mentioned above.
- This compound facilitates the process of releasing the insoluble calcium in the soil and increases the ionic density of sodium and magnesium.
- This compound leads to a rapid improvement in the degree of electrical conductivity and the soil structure, which in turn facilitates the oxidation process and increases the soil's ability to retain water.

ACTIVE INGREDIENTS

- Soluble calcium 13% (In the form of Calcium Oxide)

DOSAGE AND USE

This compound is used through an irrigation system

- 1 - 2 L/Feddan for treating salinity of alkaline soil.
- 15 - 25 L/Feddan for treating salinity in sodic soils.
- 12 - 16 L/Feddan for treating salinity in compacted soils.
- 0.5 - 1.2 g/L at an average of 10 - 30 cm³/m³ for treating irrigation water salinity.
- 1.3 - 2 g/L at an average of 30 - 60 cm³/m³ for treating irrigation water salinity.
- 2 - 4.2 g/L at an average of 60 - 90 cm³/m³ for treating irrigation water salinity.

Packages
1 - 5 L



Contact Us

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Global Green Planet

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- 📍 Plot 7, Area of 75 Acres, Beside Al Qasrawy Agency Behind Smart Village, Industrial Area, Abo Rawash

