

SLYCE[®]

Calcium 8%

6.5-0-0-8 Ca



SLYCE[®] Ca8% derived from: Calcium Nitrate, Humic Acid

Functions of SLYCE[®] Ca8%

- The primary components of SLYCE[®] Ca8% act to greatly increase the soil available fertility, especially when applied after granular fertilizers (like DAP, MAP or KCl) by reacting with those materials to release their components for a faster and more efficient effect.
- Increase the organic matter of soil and improve soil structure, accordingly, largely promote the buffering power of soil, and nutrient capacity. There are two kinds of soil, sandy and heavy. In sandy soil, nutrients are easy to lose, humic acid can help to stabilize these nutrients and convert them into forms more useable by plants. In heavier soils, humic acid can increase the capacity of the colloidal structure, thus preventing soil surface cracking. Humic acid can help to create crumble form to increase water holding capacity and the soils aeration. Humic acid can chelate the heavy metals thus, inhibiting them being absorbed by plants.
- SLYCE[®] Ca8% helps regulate pH of soil and increase soil fertility. The optimum pH range for most plants is between 5.5 and 7.0. Humus has a direct function in balancing the pH of soils, making soil pH suitable for plants growth. Humus can largely stabilize nitrogen storage and slow release. P is released from AL + in the soil, and also other micro-elements are in the form that is easily available by plants. Beneficial fungi become active to produce different kinds of enzymes to help create a crumble structure of soil to increase macro elements and micro elements binding capacity and water holding capacity thus, increasing soil fertility and permeability.
- SLYCE[®] Ca8% helps create a good living environment for microbial masses.
- SLYCE[®] Ca8% can directly improve soil structure thusly creating a good environment for microbial mass living environment, so therefore the microbial masses production will help to improve soil structure.
- SLYCE[®] Ca8% promotes the rapid development of chlorophyll, sugars and amino acids in plants and aids in photosynthesis.
- SLYCE[®] Ca8% helps stimulate seed germination in short time, greatly increasing the harvest and fruits quality.
- SLYCE[®] Ca8% greatly increases the plant's capability, and ability to counter stress and disease.
- SLYCE[®] Ca8% can mobilize K absorption to regulate the stomata opening and closing on the leaves, this also promotes metabolism, thus increasing the plant's ability to thrive under stressed conditions.