

TECHNICAL DATA SHEET: CALMINO

Description: CALMINO is recommended to prevent and correct **calcium** deficiencies. It contains glycine (amino acid) chelated calcium ions.

TECHNICAL SPECIFICATIONS:

Physical Form: Liquid Fertilizer
Product Colour: Light Yellow
Product Odour: Odourless
Shelf Life: 4 years
Origin: TURKEY
Producer: SAMI KUCUKKOCA TARIM TICARET

COMPOSITION (W/W)

Calcium (Ca) 6.0 %
pH: 8.0 - 10.0
Density: 1.15 - 1.25 g/ml

ADVANTAGES AND PROPERTIES:

CALMINO (Calcium Glycinate) is a compound that consists of calcium chelated to the amino acid glycine. Calcium Glycinate Micronutrient Fertilizer is a specialized formulation designed to act on plants by enhancing calcium uptake and utilization, strengthening cell walls, activating enzymes, facilitating nutrient transport, and regulating plant hormones, supporting plant growth and development by providing a readily available source of calcium. It improves calcium availability in the soil, allowing plants to efficiently absorb this essential nutrient through their roots.. With the unique combination of calcium and glycine, this fertilizer offers improved nutrient uptake and utilization, promoting healthier and more robust plants. Calcium is used as calcium pectinate to form the middle lamella in the cell wall for the metabolism of lipids. Involved in the enlargement and division of the cell. Helps in the translocation of carbohydrates and also activates enzyme action in plants. Calcium glycinate acts on plants by enhancing calcium uptake and utilization, strengthening cell walls, activating enzymes, facilitating nutrient transport, and regulating plant hormones. It improves calcium availability in the soil, allowing plants to efficiently absorb this essential nutrient through their roots. Once inside the plant, calcium glycinate is incorporated into the cell walls, providing structural strength and rigidity. It activates enzymes necessary for growth and metabolic processes, ensuring optimal biochemical reactions. By facilitating nutrient transport, it aids in the distribution of other vital elements throughout the plant. Additionally, calcium glycinate helps regulate plant hormones, influencing various growth and developmental processes. Overall, these actions promote robust plant growth, increased stress tolerance, improved fruit quality, and overall plant vigour.

Benefits of CALMINO

- Prevents fruit and flower dropping
- Reduces biotic & abiotic stress
- Improves fruit storage capacity and fruit size
- Calcium sustains the consistency of the cell wall, ensuring the fruit's form and lustre
- Improves fruit and floral shelf life
- Increases the flowering process and improves flower setting
- Increases overall health and mineral balance of plants

DIRECTION FOR USE

Optimum rate of application will vary between fields, depending on soil pH, organic matter content and other factors. Therefore, for best results follow soil test and plant analysis recommendations. In the absence of test results use the following as a guide. Co application with other product is not recommended & made at the risk of the end user. In co-application, always add this product after powder.

APPLICATION

For **Apple, Banana, Brinjal, Chilli, Capsicum, Tomato, Mango, other field and vegetable crops.**

Use as **Foliar spray** at flowering stage and after 15 days of first spraying.

Dosages are **1-2 ml to L** of Water

PACKING: 0.5 - 1 - 5 - 20 LT.

APPROPRIATE WAREHOUSE CONDITIONS: Try to keep the product between + 5, - 25 C in its original packaging far from the human, animal and food. Be aware of direct sunlight.

USAGE SECURITY REGULATIONS : This product is not toxic. After usage wash your hands and face with water and soap.