

CALCIUM STAR

FERTILIZERS WITH CALCIUM

for Soil Preparation

MAGNESIUM AND TRACE ELEMENTS

20- 5- 5 + Ca (CaCO₃ 15 – CaO 8)

20-10-0 + Ca (CaCO₃ 17 – CaO 9)

24-12-0 + Ca (CaCO₃ 10 – CaO 5)

15-30-0 + Ca (CaCO₃ 26 – CaO 14)

16- 8- 0 + Ca (CaCO₃ 22 – CaO 12)

The CALCIUM STAR fertilizers are enriched with a significant amount of assimilated calcium element. They are the best choice for the acidic soils, the soils with calcium deficiencies and for all the sensitive cultivation to calcium deficiencies.

The CALCIUM STAR fertilizers contain main nutritional Elements such as Nitrogen, Phosphorus and Potassium at the best possible rate for a big variety of cultivations (especially for cereals). These products are in a form readily accessible to plants and they have factors that control the Nitrogen Releasing. They offer their nutrients slowly and steadily giving the opportunity to the plant to the cultivation.

Fertilizers to be plowed under, or to be applied before sowing during the soil preparation.

- ⇒ Fertilizers CALCIUM STAR contain **MAIN ELEMENTS**, such as Nitrogen and Phosphorus or Nitrogen, Phosphorus and Potassium at the optimum rate for the cereals. These products are **highly assimilable** and they are in **controlled de-structure form**. These elements are released slowly and steadily, securing their utilization by the plant.
- ⇒ They contain **MAGNESIUM** or **MAGNESIUM and CALCIUM** in high percentages, along with the precious **TRACE ELEMENTS** (Boron, Iron, Copper, Cobalt, Manganese, Molybdenum, Zinc) that they are necessary for the plant nutrition.

CALCIUM STAR 30N+Ca

[30-0-0 + Ca +T.E.]

Top dressing fertilizer

1. For Acidic Soils

It has the ability to neutralize the acidity of the soil that may cause harm to many crops and many toxicities as well.

2. For Sodium-Soils

The bad physical properties of these soils are because of the interchangeable sodium ions. This product has the ability to replace the sodium ion with calcium ion. The divalent calcium ion takes the place of the sodium ion into the soil complexes and the sodium ions are leaking from the system by the irrigation water.

3. For soils with lack of calcium

The CALCIUM STAR provides the soil with high percentage of calcium element (CaCO_3 10%- CaO 6%) covering all the needs of soil and plant (even the most demanding ones).

REASONS WHY CALCIUM STAR IS UNIQUE

The NITROGEN that contains is in Nitric and in Ammoniac form, the releasement (de-structure) of the elements is CONTROLLED (STABLE) with **BIO-INHIBITORS of the nitrification of Nitrogen** (BIOINHIBITORS GT). The BIO-INHIBITORS (BNB) in this fertilizer, inhibits the action of the nitrifying micro-organisms (**NITROSOMONAS, NITROBACTER**) and thus, the nitrification of Nitrogen is extended successively from 10-15 days (at the ordinary fertilizers -at temperatures 12-16° C) to 60 days or more (at same temperatures). Therefore, they cover with NITROGEN the whole critical period of growth and fruitage.

ADVANTAGES TOWARD THE REST OF THE CALCIUM NITRATE PRODUCTS

THE CALCIUM STAR, towards all the other ordinary top dressing fertilizers, excels in 3 basic points:

- 1. It does not offer only NITROGEN, but NITROGEN and CALCIUM - a basic element for the proper nutrition of plants.**
- 2. It offers to the plants all the NITROGEN they need by a STEADY curve of NITROGEN-RELEASING. Therefore the plants do not affront any deficiency of Nitrogen and at the same time they are not expand to high nitrifying stages that conclude to undesirable abnormal vegetation.**
- 3. It is used in small quantities, as it is CONDENSED and totally ASSIMILABLE. The plants utilize ALL the nutritional units by the CONTROLLED RELEASING SYSTEM.**