

**- Specification Sheet -****FORTICAL**

**Fortical** is a liquid fertilizer of high calcium density which is specially designed to cure and prevent calcium deficiencies. It is highly effective since it contains an organic chelating factor which allows the easy and quick calcium uptake from the plant tissues.

**PROPERTIES AND USES:**

- Corrects quickly and efficiently calcium deficiencies such as:
  - Bitter pit in apples
  - Blossom end rot in tomato
  - Rachis drying in vineyard
  - Formation of small sized fruits, bruising, dehydration of stems, leaf malformations etc.
- Increases the firmness of fruits and improves their qualitative characteristics.
- Elongates fruits shelf life.

**APPLICATION:**

**Fortical** is recommended for foliar sprays and soil applications through the drip irrigation system. Application rates always depend on the deficiency intensity, the type and the size of crop as well as the local environmental conditions. Applications can be repeated every 15 days until the symptoms are eliminated. In addition, it can be applied before deficiency occurrence in order to prevent it.

*Note: it must not be applied foliarly on chloride-sensitive crops (tobacco, ornamentals, vines etc)*

Application Rate: Generally it is applied at the following application rate.

*Foliar application:* 150-250 ml per 100 lt water.

*Soil applications:* Apply by fertigation at a rate of 10-20 l/ha.

**STANDARD ANALYSIS**

Calcium (CaO)

**(w/w)**

19.00 %

**(w/v)**

26.0 %

**PHYSICAL PROPERTIES:**

Appearance: Yellowish-brown liquid

Density: 1.29 g/ml

Solubility: 100% water soluble

pH: 7.7 (in a 10% solution)