

**F3**



**WARNING**  
**H-PHRASES:**  
H319

**F3**



**EC FERTILIZER - Boron (B), Iron (Fe), Manganese (Mn), Zinc (Zn) Calcium chloride solution**

**F3** is a liquid fertilizer for foliar applications, with high content of promptly available *Calcium* and micro-elements, for the optimal plant nutrition.

*Calcium* is essential for vegetal structures' growth, correlated to a longer and better fruits storage and tolerance to physiological disorders.

*Boron, Manganese, Zinc* and *Iron* strengthen vegetative growth and improve fruits setting.

**F3** is essential to prevent and cure Calcium-deficiency physiological disorders as *Apple Bitter Pit, Tomato End Rot* and *Grapes Cluster-Tip Wilting*.

The corrective effect does not depend on Calcium amount but on plants' ability to uptake the nutrient and store in the fruits, thanks to the special formulation, which optimize Calcium intake and translocation.

**F3** is characterized by:

- *Wetting and carrying substances*, which ensures a complete and prolonged nutrients absorption.
- *Chloride-based CaO* content, particularly active against *Apple Bitter Pit*.
- *Lack of nitrates*.



**ADVANTAGES**

**Grapes Cluster-Tip Wilting, Tomato End Rot and Apple Bitter Pit prevention.**

**Increase in fruits sizes and consistency.**

**No rustiness formation on Pome fruits.**



**COMPOSITION**

<b>Calcium Oxide (CaO)</b> soluble in water	15%
<b>Boron (B)</b> soluble in water	0,05%
<b>Iron (Fe)</b> chelated with DTPA	0,04%
<b>Manganese (Mn)</b> chelated with DTPA	0,1%
<b>Zinc (Zn)</b> chelated with DTPA	0,01%



**PHYS-CHEM PARAMETERS**

<b>Density</b>	1,35 kg/L
<b>pH</b> (sol. 10%)	6
<b>Chelating Agent</b>	DTPA
<b>Optimal pH</b> for stability of the Chelated fraction	4-8



**PACKAGE**

<b>Bottle</b>	30x500 g (= 30x0,37 L)
<b>Bottle</b>	12x1 kg (= 12x0,74 L)
<b>Can</b>	4x5 kg (= 4x3,70 L)

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## APPLICATION RATES

CROPS	APPLICATION
<b>FOLIAR SPRAY</b>	
<b>Pome fruits</b>	<p>For the best prevention and cure, F2 and F3 should be used alternatively. The number and rates of treatments depend on plant sensitivity to Bitter Pit and pressure in the area:</p> <p><b>Medium-Low</b></p> <ul style="list-style-type: none"> <li>- <b>F2:</b> 3-4 treatments at 350 mL/hL from beginning of June.</li> <li>- <b>F3:</b> 3-4 treatments at 300 mL/hL from beginning of July to pre-harvest.</li> </ul> <p><b>Medium-high</b></p> <ul style="list-style-type: none"> <li>- <b>F2:</b> 2-3 treatments at 300 mL/hL from after fruits' setting.</li> <li>- <b>F3:</b> 5-6 treatments at 300 mL/hL from mid of June to harvest</li> </ul> <p>No rustiness problem.</p>
<b>Tomato</b>	<b>3-5 applications at 300 mL/hL</b> , starting when the first fruits start to change color, <b>to prevent Blossom End Rot.</b>
<b>Vegetables and Flowers</b>	<b>200-300 mL/hL</b> , to obtain well-developed plants and luxuriant and prolonged flowering.



## TECHNICAL NOTES

**Do not mix with Acid or Alkaline-reaction products.**

**F2 and F3 can be mixed with all the pesticides standardly used in the above-mentioned application stages.**



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