F5

EC FERTILIZER - Boron ethanol amine

F5 is a liquid fertilizer, specific to prevent and cure Boron-deficiencies pathologies, which usually appears during the first vegetative stages. *Boron* is extremely soluble and hardly bonded to soil colloids, thus a foliar application is favorable.

F5 applications *before orchards flowering* favor *pollen production*, *pollination*, *pollen tube growth* and *fertilization*, increasing the amount of fruits set and consequently yield.

F5 applications *during fruits development and maturation stages* enhance sugars accumulation processes and colored substances synthesis.

F5 formulation enables Boron fast assimilation and reduced dosages.

F5 is characterized by:

- *High content in Organic matter*, which ensures the optimal absorption, even with reduces leaves surface and adverse weather conditions.
- *Lack of Sodium and heavy metals*, which interfere with Boron translocation and speed in the plant.

ADVANTAGES
Increase in pollen fertility, thanks to Boron.
Increase in the amount of prime quality fruits set.
Increase in crop yield.
Cells multiplications, proteins formation and Nitrogen metabolism promotion.

COMPOSITION	
Boron (B) *soluble in water*	*8%*

PHYS-CHEM PARAMETERS	
Density	*1,29 kg/L*
pH *(sol. 10%)*	*8,4*

PACKAGE	
Bottle	*30x500 g (= 30x0,39 L)*
Bottle	*12x1 kg (= 12x0,78 L)*
Can	*4x5 kg (= 4x3,88 L)*

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APPLICATION RATES

CROPS	EFFECT	RATE & APPLICATION
FOLIAR SPRAY		
Olive tree	*- Pesticides activity enhancement.* *- Water stress overcome.*	*Apply along with pesticides to enhance their efficacy and help the plant to pass water stress.* ***Apply 200-300 mL/hL**, in **pre-flowering** and **after fruits settings**.*
Vegetables and Flowers	*- Pollen maturation improvement.* *- Cells multiplication, protein formation and Nitrogen metabolism stimulation.* *- Increase in high quality fruits setting and development.*	***2-3 applications**, at **200-300 mL/hL**, from **pre-flowering** to **harvest**.*
Grape	*- Boron-deficiencies prevention and cure.*	*Sensitivity to Boron deficiency differs according to variety and weather conditions. Usually the deficiency shows up with difficult Spring growth and berries with different size.* *Apply, along with Downy Mildew treatments, **2-3 times every 10-15 days** at **200-300 mL/hL** in **pre-flowering stage**.*
Sugar beet, Cauliflower	*- "Heart Rot of Beets" prevention and cure.*	*This crop family is very sensitive to Boron deficiency, which is typically shown with the "Heart rot of beets". The deficiency takes usually place in high pH soils together with intense rains or droughts and causes terminal tissues death.* ***2 applications**, at **1,5-2 L/ha**, are sufficient to prevent the disorder.* *If mixed with post-emergence Herbicides or Fungicides, do not pass **1 L/ha**.*
Alfalfa	*- Boron-deficiencies prevention and cure.* *- Increase in yield quality and quantity.*	*This crop is particularly sensible to Boron-deficiency, which is shown by plants' apical part yellowing. **2 applications** at **1,5-2 L/ha** during first growth stages, increase yield quantity and quality.*

TECHNICAL NOTES

Do not mix with Acid or Alkaline-reaction products.