

# ErbaPro 1608

## CALCIUM-BASED RESISTANCE BOOSTER WITH NATURAL MICROELEMENTS AND VEGETABLE ESSENCES

*ErbaPro 1608* is a formulation obtained from the selection of substances of natural origin capable of resolving physiopathology related to calcium deficiency and to improve the vegetative state of plants.



### TECHNICAL DATA

Composition	
Total sulfur trioxide (SO <sub>3</sub> )	24%
Total calcium oxide (CaO)	14%
Plant essences	5%
Zinc (Zn) soluble in water	1%
Boron (B) soluble in water	< 1%
Iron (Fe) chelates	< 1%
Manganese (Mn) soluble in water	< 1%
Molybdenum (Mo) soluble in water	< 1%

Physical chemical Properties	
pH	5.5-6
Specific weight	1.42

### BENEFITS OF THE PRODUCT

- STRENGTHENING OF THE CELL SKIN**  
 The particular composition of the product is acting on the elasticity and the strength of the cell walls, which produces a barrier effect against fungi and bacteria. With this feature *ErbaPro 1608* is improving the defence of crops, which today is quite challenging considering the ban of various active ingredients and/or the reduction of their dosages.
- IMPROVEMENT OF EFFECTIVENESS OF AGRO-CHEMICALS**  
 The acidifying action of *ErbaPro 1608* due to the high content of sulfur (brings the pH of the leaf to 5.5) and the induced adhesion properties helps boosting the action of agrochemicals, even at lower dosages.
- REPELLENT PROPERTIES**  
 The formulation of *ErbaPro 1608* is developing a strong repellence property against insects, which gives the option to skip the use of insecticides in some cases.
- HYDROPHYLIC PROPERTIES**  
*ErbaPro 1608* is absorbing moisture at the surface of the plant which is creating an unfavourable environment for the development of fungi and molds.

### DOSAGES AND APPLICATION PROCESS

*ErbaPro 1608* can be used on all crops at dosages ranging between 2 and 4 litres per hectare. It is advisable to use low volumes of water (300 to 400 litres per hectare).

The formulation is perfectly miscible with all pesticides.

*ErbaPro 1608* leaves the fruits slightly whitened, it is therefore advisable to suspend the application of the product 20 days before harvesting.

*ErbaPro 1608* is not toxic and has an unlimited self-life is not limited.

## APPLICATION OF ErbaPro 1608 IN VITICULTURE



*ErbaPro 1608* finds a valid use on vineyards by:

- **REPLACING PHOSPHITES:**  
The product is used in the same way as phosphites, at the same dosage, for the same period and the same number of applications.
- **REDUCING THE DOSAGE OF COPPER**  
The use of *ErbaPro 1608* provides excellent results by reducing the dosage of copper as well as fungicides.
- **REMOVAL OF INSECTS**  
In all the treated vineyards, the application of *ErbaPro 1608* reduced significantly the presence of moth, spider and leafhoppers.

- **ACTING AGAINST BERRY BURSTING**  
The calcium contained in the formulation strengthens and elasticises the skin of the berries and thus provides resistance to the mechanical stress during harvesting. Berries do not crack and the must does not drip, which provides an additional advantage on the leaves, which not being wet by the must, do not dry out. This helps the plant to gradually reach the leaf fall phase, completing the maturation of the buds.
- **STIMULATING THE LIGNIFICATION AND MATURATION OF THE WOOD**  
The use of *ErbaPro 1608* provides to the plant a better resistance to cold.
- **MAINTAINING THE COLOR IN THE WINE**  
The product overcomes the defect that arises with the use of phosphites

### DOSAGE AND METHOD OF USE

The optimal period of the application of *ErbaPro 1608* is defined by observing the trend of calcium absorption by the grapes:

- 40% of calcium is absorbed by the emission of the sprouts at the fruit set.
- 30% is absorbed between the fruit set and the veraison.
- 30% from veraison to the beginning of ripening.

*ErbaPro 1608* can be combined with all treatments at the dose of 2 - 4 litre per hectare with low volume of water (300 to 400 litre per hectare). In this way, all the calcium needs of the crop are covered and a clear improvement of the effectiveness of the fungicides is obtained.

Alternatively, *ErbaPro 1608* can be applied after flowering in combination with copper at the dose of 2 - 4 litre per hectare with low volume of water (300 to 400 litre per hectare).



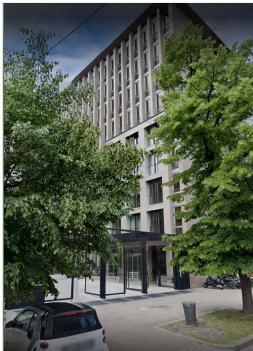
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## OTHER APPLICATIONS LEAFLETS

- Pear and Apple Trees
- Industrial Production of Tomatoes
- Sugar Beet Production
- Onion Production
- Potato Production
- Salads and other "Cut" Vegetables
- Crucifera (Cabbage, Broccoli, etc.)
- Kiwi Production
- Stone Fruits (Drupaceous Like Peach, Apricot, Cherry, Plum Tree Etc.)
- Watermelon and Melon

## For more information, please contact

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