



What is it? And what is it for?

Armurox® is a unique product with a dual mode of action: it creates a physical barrier under the cuticle and activates the endogenous defence mechanisms of plants. The peptide compounds of Armurox® act by enhancing the absorption of silicon, an element of recognized anti-stress effect in plants, and their deposition in the leaves.

Benefits

- Acts against mechanical stress: strengthens plant tissues avoiding physical damage (bedding, crushing).
- Acts against biotic stress: Prevents the penetration of external agents making the plant less susceptible to enzymatic degradation by fungal pathogens (especially powdery mildew).
- Reduces perspiration, avoiding excessive water loss.
- Does not leave residues: Due to its special composition and its special mechanism of action it does not leave any kind of waste. Certificated in organic farming.

Data Sheet

Crops

Applicable to any crop.

Doses

- In foliar application: 300-500 mL/hL
- In fertigation: 3 - 8 L/ha

Moment of Application

Treat preventively when seasonal conditions, humidity and temperature favor the development of pathogens.

How to Use

The usual application form of Armurox® is in ground foliar applications, although its use is also recommended in aerial foliar applications (in banana against black sigatoka, in rice against *pyricularia*, etc.). It can also be applied via radicular due to the exceptional mobility that the peptide complex gives to Silicon, although in this case the doses to be used per ha must be higher.

Composition

| | |
|-------------------------------------|----------|
| Amino Acids | 3% (w/w) |
| Soluble silicon (SiO ₂) | 8% (w/w) |
| Total Nitrogen | 1% (w/w) |
| Organic nitrogen | 1% (w/w) |
| pH 12.7 | |
| Density: 1.27 g/mL | |

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Mix with other products

To extend the spectrum of activity against a greater number of pathogens, the association of Armurox® with Optimus® is recommended. In this case, the doses of use, by product, may be lower: 300 mL of Armurox® + 200 mL Optimus®. Armurox® can be mixed with most fertilizers and fertilizers commonly used at normal application rates. However, given the basic pH of the product, it is advisable to carry out a preliminary compatibility test if they have to be mixed with many products and/or the doses were high.