



GABRIEL BZ

Let's preserve quality



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GABRIEL BZ®

Domino effect: GABRIEL BZ alerts and the plant reacts

- CONCENTRATION OF ORGANIC MOLECULES universally recognized for their action phytostimulant, energizing, antioxidant and to be able to increase the endogenous resistance of the plant to stress generated by different factors (abiotic and biotic);
- MICRO-NUTRIENTS (BORON 0,2%, ZINC 1,8%) ABSORBED QUICKLY;
- TNE the NEW EMULSION TECHNOLOGY - a production technology absolutely unique. Thanks to TNE, GABRIEL BZ wins surface tension and is evenly distributed and widely when applying.

GOAL

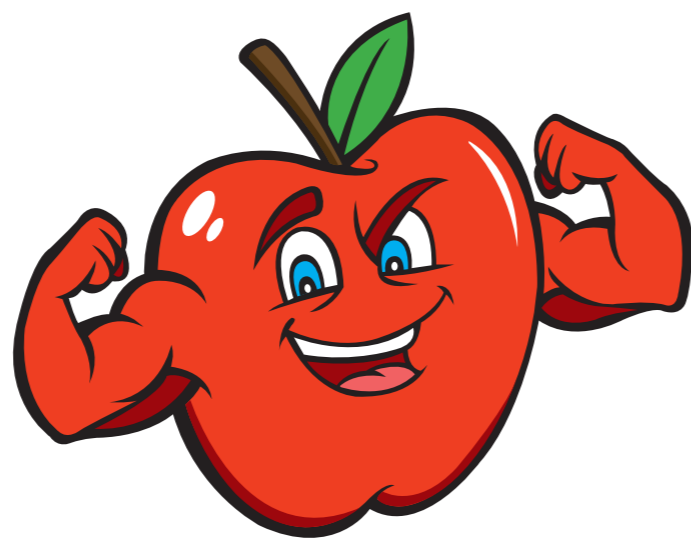
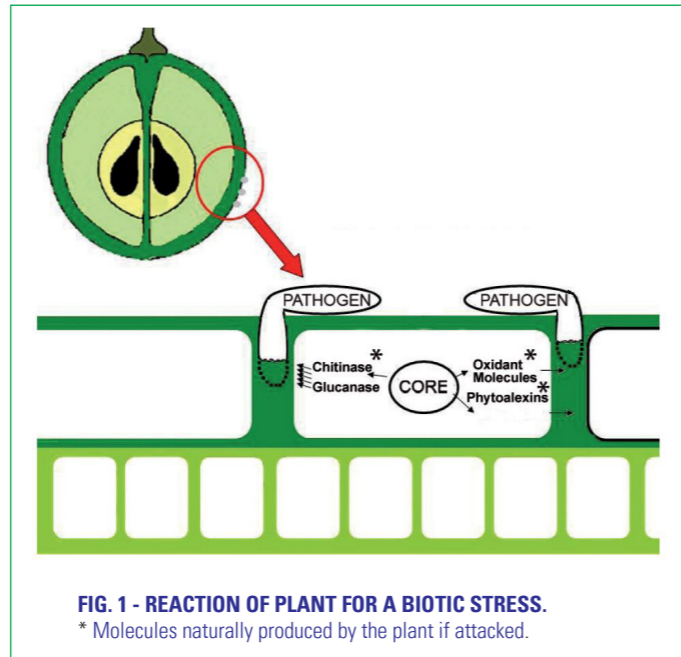
Cause the plant to increase its endogenous resistance to stress generated by the most common bacteria and fungi both in the presence and absence of the factor altering.

DUAL ACTION

In the presence of a stress factor: GABRIEL BZ stimulates the plant to amplify its endogenous resistance to the altering factor thus causing it to produce an even greater amount of phytoalexins and compounds with strong oxidizing power: the so-called "cellular guardians" (FIG. 1). It is known, in fact, that in case of stress the plant produces such compounds which, falling naturally in its self-defence armoury, trigger "oxidative burst" reactions, thus initiating a real programmed cell death. In this way, the plant generates around the point of entry of the phytopathogen "scorched earth" which deprives it of nutrients. Within hours of localized necrosis, the plant begins to produce PR, resistance proteins, both locally at the point of infection and systemically throughout the rest of the plant, in the distal tissues. The action of GABRIEL BZ is to amplify this response.

In the absence of a stress factor: GABRIEL BZ alert the resistance system endogenous to the plant. Thus approached the plant transforms the message received in a cascade of active actions that prepare to better deal with stress generated from possible attacks.

Tne®
New Emulsion Technology



For plants naturally more resistant!

Packaging: 0,5 - 1 - 5 - 10 - 25 l / bottle, tank
Formulation: liquid soluble
pH: approx. 5,8 - **Conductivity:** approx. 6,7 dS/m.

DOSAGE

Crops	Foliar application	Dose ml/hl
Tree crops	From pre-flowering to the harvest and even in case of stress	100-200
Horticultural	From pre-flowering to the harvest and even in case of stress	100-200
Industrial	From beginning of vegetative stage, and during all cycle development	80-150
Ornamental	From beginning of vegetative stage, and during all cycle	100-150

EXTRAORDINARY RESULTS

Table grapes: the addition of GABRIEL BZ to the usual strategy against pathogens, from flowering to ripening, has allowed us to significantly increase the endogenous resistance of the plant to external stress and, in the meantime, has prolonged the shelf-life of final production.

Tomatoes, eggplants: in comparative tests (TRADITIONAL PROTECTIVE STRATEGY) and treated AGRIGES (TRADITIONAL STRATEGY + GABRIEL BZ) the addition of GABRIEL BZ raised the self-defence system of the plant, has much better tolerated the stress, registering a lower incidence of damage.

Fruit and vegetables, in general: supported by the extraordinary results obtained both in the laboratory and in the field, we recommend the periodic application of GABRIEL BZ in order to increase the endogenous resistance of plant against a series of phytopathogens (example: bacterial agents, *Monilia* spp., *Botrytis* spp., *Pyrenochaeta* spp., *Sclerotinia* spp., *Rhizoctonia* spp., etc.) etc.) and evidently to improve the shelf-life of the crop.



Effect of Gabriel BZ on table grapes



Effect of Gabriel BZ on kohlrabi



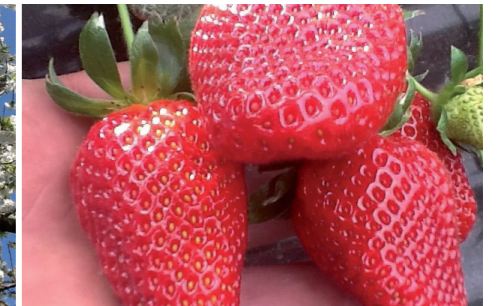
Effect of Gabriel BZ on tomato



Effect of Gabriel BZ on onion



Effect of Gabriel BZ on cherry



Effect of Gabriel BZ on strawberry



Effect of Gabriel BZ on lettuce



Effect of Gabriel BZ on pear



Effect of Gabriel BZ on squash

WARNINGS

The product can entail drawbacks if distributed with copper-based products. Mixing with white oils and formulations with an alkaline reaction is not recommended.

GABRIEL BZ has no characteristics of a pesticide and its use does not exclude traditional fungicide and phytoiatric treatments in general.

Tne®
New Emulsion Technology



Resistance inductor



Foliar application



Allowed in Organic Farming

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