

# 3Tac-I $\beta$

## Characteristics

**3Tac-I $\beta$** : is a special product whose formulation and production is done per customer's requests to cure bacterial cancer.

**3Tac-I $\beta$** , is a potent bactericide, effective against the principal major horticultural and fruit bacteriosis.

Clavulanic acid, its active bactericide ingredient, is a potent inhibitor of  $\beta$ -lactamase secretions generated by bacteria as defense and resistance mechanisms. By inhibiting its action, bacteria are unprotected and sensitive to antibiotic treatment performed by trichoderma and the plant's own defense mechanisms.

**3Tac-I $\beta$** , acts fast at the foliar, vascular and root levels, according to the needs of crops, exerting its irreversible inhibitory and suicidal actions against  $\beta$ -lactamases, present in the main bacteriosis caused by pathogens Gram. + and Gram. –.

The fungicide feature of **3Tac (triple activated trichoderma)**, is drastically reduced in favor of the bactericidal action of **3Tac-I $\beta$** .

3Tac (Triple activated trichoderma), mainly acts as a carrier: transport **3Tac-I $\beta$** .

- Does not stain fruit and leaves no smell or taste.
- Does not affect winemaking, from fermentation up to the end of the process.
- Due to its formulation, the product has no pre-harvest intervals or restrictions to entry into orchards. The product does not affect useful arthropods such as bees or beetles.
- Systemic bactericidal action with secondary fungicide action.

In addition, **3Tac-I $\beta$**  can be used in both fields and greenhouses.

**3Tac-I $\beta$** , at recommended doses, presents **no action** against nitrogen-fixing bacteria and *Agrobacterium tumefaciens*.

