



## Experimental trials with biostimulants, corroborants and plant defence activators

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- ▶ Screening of new products and active substances
- ▶ Tests of efficacy in greenhouses and open fields

## Experimental trials with biostimulants, corroborants and plant defence activators

AGREA, due to the long time experience over the years, has acquired a specific competence in conducting field and semi-field tests for the assessment of the effects of the biostimulants, corroborants, plant defence activators, foliar nutrients and fertilizers.

In addition to the open field trials on vines and on all the main fruit crops and horticultural crops in Central and Northern Italy, due to the completely new and automatic experimental greenhouse, we are able to carry out tests with potted plants and different cultivation substrates, also using artificial inoculum of various pathogens and pest artificial infestation.

Through specific agreements with public and private specialized laboratories, AGREA can carry out molecular investigations of gene expression and metabolomics to verify the action of the product tested on the resistance mechanisms of the plant.

The experimental tests are carried out according to the principles of Good Experimental Practice (GEP), as required by the European Organization for the Protection of Plants (EPPO) in the "Guidelines for the Efficacy Evaluation of Plant Protection Products", and other international guidelines.

