

Bio stimulant in apple

The trial is carried out at our own location.

The trial is set up according to the following EPPO guide lines:

- PP1/152(4) Design and analysis of efficacy evaluation trials
- PP1/181(4) Conduct and reporting of efficacy evaluation trials
- PP1/135(4) Phytotoxicity assessment
- PP1/239(2) Dose expression for plant protection products

Trial design:

Location:	The Netherlands, Enspijk
Crop:	Apple, <i>malus domestica</i>
No of trials:	1
No of replicates:	4
No of applications:	4, on request more possible
No of trees:	At least 4
No of assessments:	During the season regularly monitoring on diseases and pests, differences in growth, flowering, leaf color and other visual differences. In case of visible differences, a specific assessment or analysis will be carried out. Phytotoxicity at every assessment date
Yield assessment:	Yes*

*) Yield:

- Yield in kg/tree
- Fruit classification based on diameter (sort in classes of 5 mm). Determine the number of fruits and the weight of the fruits per class.
- Calculate the average fruit weight in gram
- Rate russeting according to index
- Determine firmness of the fruits (using a penetrometer)
- Rate the color of the fruits according to variety index

Costs per treatment:

Bio stimulant treatment in apple: on request

- Data is managed in ARM
- Visit to the trial with any guests or partners is possible.
- The costs mentioned are included in a written report in English.
- The costs mentioned are exclusive costs for crop destruction, costs of plant and infection material, travel expenses and analysis by third parties
- Extra activities will be carried out after our proposal and costs are agreed by the sponsor.

If you like to participate please respond before 01-04-2022

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