

RESULTS

FIELD TRIAL 2023



Objectives

- **Generate** data for product registrations
- **Determine the positioning of AXPERA** with conventional/organic products
- Evaluate formulations on **new target crops**

More than 140 trials

carried out or in progress in Europe, the United States, Brazil, Costa Rica and Asia



Target markets for primary registrations

Tomato

- **Efficacy on downy mildew similar to references** in combination or alternation with copper (2.5 L/ha)
- **Efficacy ranging from 50% to 98%** depending on conditions of **powdery mildew** infestation

Melon

- **Average efficacy of 30%** in the case of severe **downy mildew** attack. In **combination with copper, 70% efficacy on average** (equivalent to copper alone).

Greenhouse

- Squash / cucumber: **Greater efficacy on powdery mildew than reference biocontrol products (60% efficacy on cucumber)**
- AXPERA can **replace 4 out of 6 applications of sulphur** (equivalent efficacy to sulphur alone)

Vine

- Promising results on **downy mildew**, with **efficacy similar to the reference programme**
- **50-90% efficacy on powdery mildew**

Secondary markets

Basil

- **Four trials** carried out on **downy mildew of basil** in Italy (Parma)
- **On a tolerant variety**, AXPERA demonstrated efficacy ranging from **10% to 82%**.

Apple

- **Four trials** carried out in France and Italy on lightly contaminated apple trees demonstrated the product's **strong activity, similar to copper at its highest dose tested.**



Other crops tested



On **strawberry powdery mildew**, an average efficacy of **62% for the product alone** at 2.5 l/ha, equivalent to one of the biological references

Beet cercosporium trials to be continued in 2024



Trials on **cercosporiosis of banana** showing efficacy of **70-80% in very severe conditions**, and **equivalent efficacy to sulphur** in the **case of average infestation.**

Conclusions

- Remarkable efficacy in **combination or alternation**
- **Real potential** for controlling **powdery mildew**
- Positioning to be **refined for downy mildew**
- **New targets** identified