



Hyberol improves root development

Aim of the trial

Demonstrate by means of an in vitro bioassay that Hyberol has a positive effect on the root development of plants. In this test *Arabidopsis thaliana* was used as a model plant.

General information

Conditions of the trial:

Trial location:

Belgium - Limburg

In cooperation with:

Hasselt University – CMK (Centre for Environmental Sciences)

Experimental design:

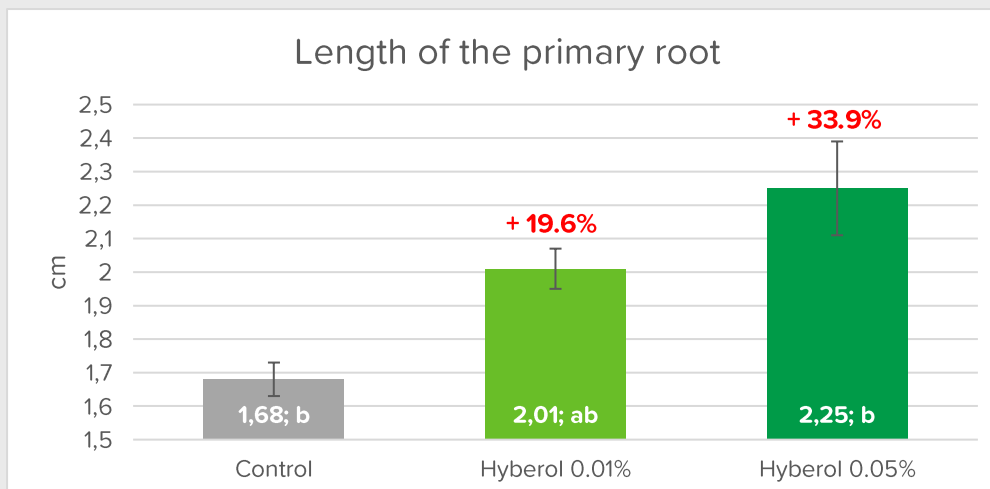
Laboratory test performed with 8 repetitions per modality.

Treatments

3 modalities:

- **Untreated control**
- **Hyberol** at 0.01% (v/v) mixed into the nutrient agar
- **Hyberol** at 0.05% (v/v) mixed into the nutrient agar

Results



Conclusion: There is a clear significant effect of Hyberol on the development of the primary root of *Arabidopsis thaliana*.

The concentrations used in this in vitro test cannot be converted 1 to 1 to practical conditions, but this bioassay clearly shows that Hyberol has an effect on root development.