



E-VITA
Technology that protects.



E-VITA PLUS

Sow innovation, harvest success.



E-VITA PLUS

the innovative combination of physics and biology.

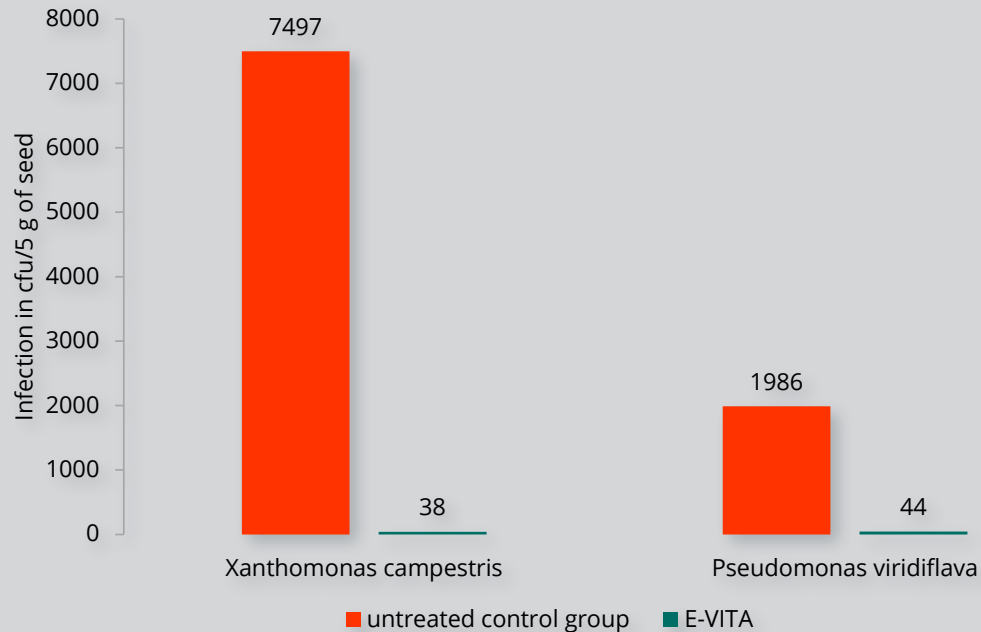
Electron Treatment

- Effective against bacteria, viruses and fungi
- Residue-free disinfection
- No requirements for user or environmental protection
- Protection of the valuable soil microbiome
- Activation of defense mechanisms
- High resource and energy efficiency
- Ready for use immediately, without time-consuming preliminary laboratory testing
- Suitable for all small-seeded crops (vegetables, herbs, and spices)

PLUS-Follow-Up Treatment

- Improved nutrient uptake
- A Stronger, finely branched root system
- Significantly improved stress tolerance
- Protection against oxidative cell damage and abiotic stress
- Stimulation of the plant's own growth and defense mechanisms
- Higher yields and better quality
- Reduction in the required seeding rate
- Various active substances and microorganisms

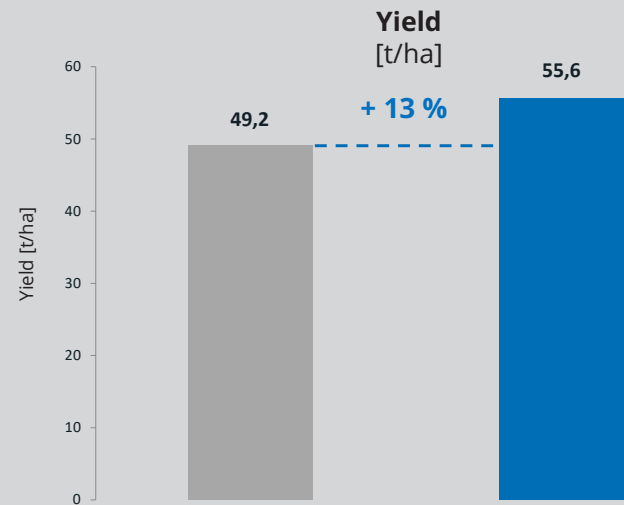
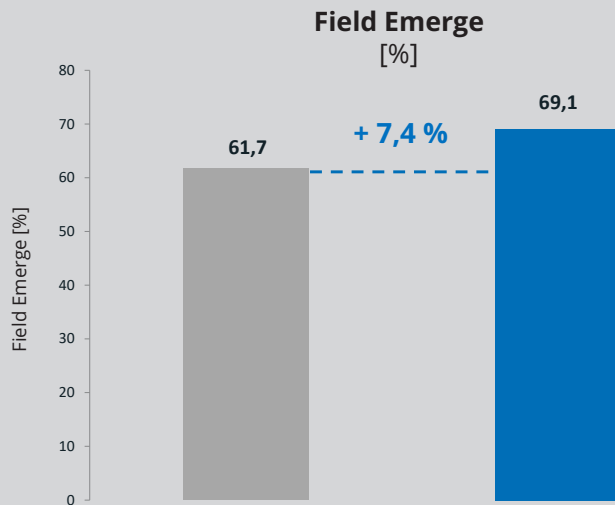
Reducing Bacterial Contamination on Cabbage Seeds



Dr. Mavridis, PlantProtect Diagnostic Laboratory, 2014

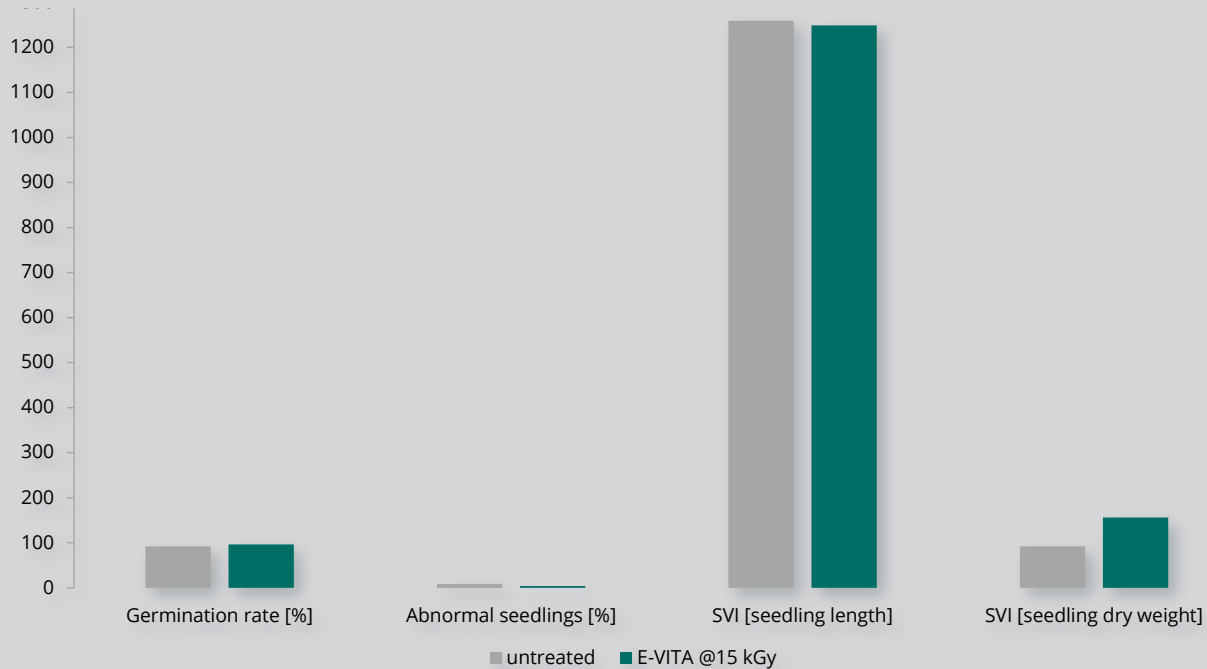
Biological and Physical Control of Plant Diseases JKI - Julius Kühn Institute

Field Emergence and Yield of Carrot Seeds



Variety: Farah F1
Seeding rate: 0.76 million seeds/ha; Seeding date: May 18, 2024
Field trial, n=5 replicates per treatment
Location: Bohmte (Lower Saxony)
Trial setup: SeedForward

The Effect of Electron Treatment on Tomatoes



Root Development of Tomato Seeds

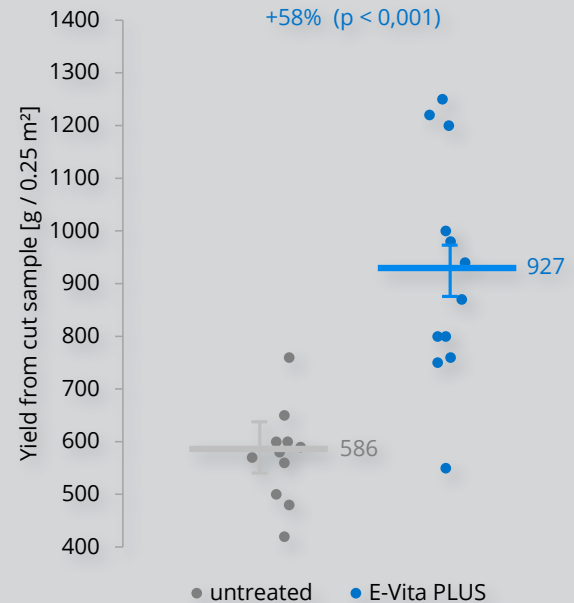
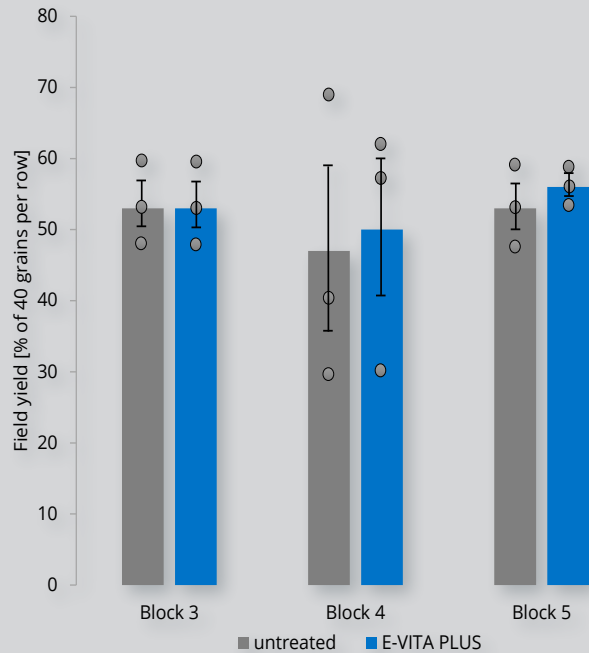


Variety: Matina

Location: Osnabrück (Lower Saxony)

Trial setting: Seed Forward, 2022

Field Emergence and Yield of Spinach seeds





E-VITA

Technology that protects.

- healthy seeds
- strong roots
- greater reliability in cultivation



A product of E-VITA GmbH

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