

Proven quality and yield increase

Praxis tests on potatoes in Northern Germany Reduction of Primary Infestation (Stem-*Phytophthora*)

Realisation: Agro Nord, under EPPO-guidelines

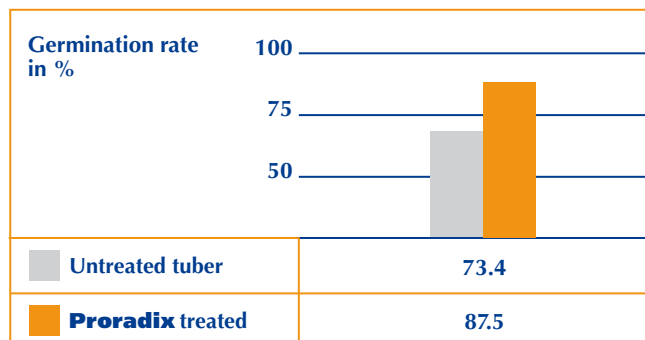
Test year: 2009, Sort: Hansa

	1. Evaluation	2. Evaluation	3. Evaluation	4. Evaluation	5. Evaluation	6. Evaluation	7. Evaluation*
Untreated tuber	0	2.0	3.3	5.8	14.3	35	91.8
Proradix treated	0	0.3	0.6	0.8	1.5	3.5	30.0
Copper treated	0	0.1	0.3	0.3	0.8	2.0	16.3

* The stem infestation found by the 7th evaluation could also arise from adjacent plants, i.e. not all of the stems evaluated here were infested via the tuber.

Test Procedure

- Tubers (variety Hansa) were artificially infested with *Phytophthora* on the 20.04.09 using a pipette.
- Healthy tubers (variety Fasan) were treated in accordance with the test procedure on the 23.04.09.
- Planting was carried out manually on the 24.04.09. Planting points were arranged by the tester at exact intervals of 30 cm for this purpose and firmly tamped down to ensure that rainwater could not run off too quickly. (Sporulation will only occur under damp conditions.)
- The healthy tubers of the Fasan variety being investigated were then planted.
- The tester then laid the infested tubers of the Hansa variety directly on top of the Fasan tubers being investigated and lightly heaped up soil around them. (Two different varieties were used to ensure that only evaluation of the germinated, treated plants took place.)
- The germinated plants of variety Hansa were removed.



Praxis tests on potatoes in South Germany Severe Infestation with *Erwinia* und *Phytophthora*

Realisation: Sourcon Padena

Test year: 2008

Sort: Rosara