

Latest Field Trials confirm Greenhouse Tests: Proradix also effective against *Erwinia*!

The broadly-based effects of **Proradix** have been known for years. The biological treatment protects potatoes against soil-borne pathogens such as *Rhizoctonia* and *Stem-Phytophthora*. The sustained protection of **Proradix** is effective **over the entire vegetation period and during storage**.

The latest field trials confirm the greenhouse tests carried out in 2009:
Proradix is also effective against *Erwinia*.

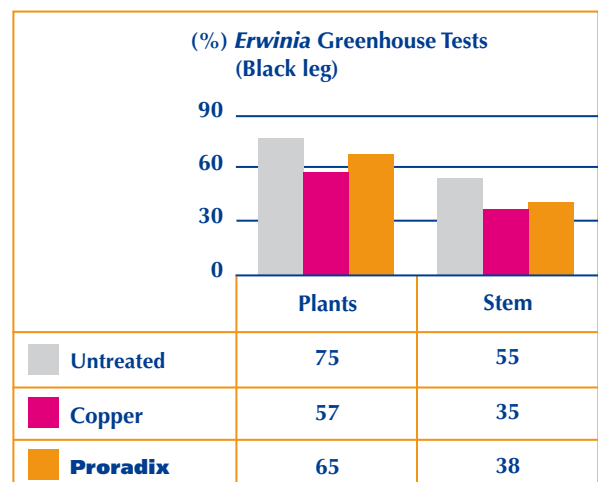
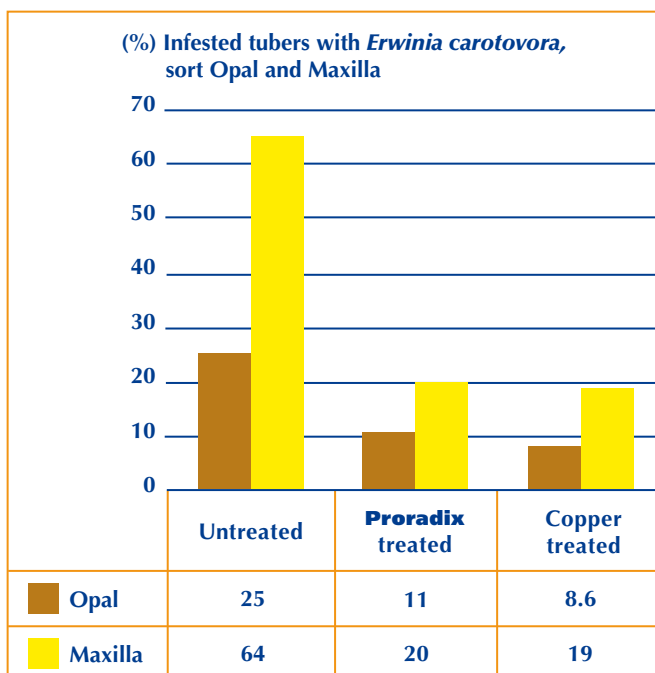
Erwinia is emerging as a nearly unsolvable problem worldwide

The bacterial soft rot caused by this aggressive pathogen can lead to crop wilt. In addition, the potato rot in the fields and in storage can lead to severe losses in yield.

It is notable that the plants and tubers harvested are often free of symptoms, and that rot starts during storage under conditions favourable for the pathogen.

Proradix shows effectivity

Initial greenhouse and laboratory tests in 2009 (under controlled conditions) showed **Proradix** to be effective against bacterial soft rot and to reduce late blight.



Field Trials confirm Greenhouse Tests

Various field trials were carried out based on the positive results from the greenhouse tests. Each individual trial confirmed the effects of **Proradix** against *Erwinia*.

The result shown here is the **average of four field trials with Proradix**, carried out in Europe:

Incidence of <i>Erwinia</i> Infestation in the Crop	
Untreated	Proradix treated
42 %	24.5 %

Further Testing

Using the crop from one of the four field trails Sourcon Padena carried out a further test:

- The potatoes were first weighed
- Then stored in a humid and warm environment for two weeks
- After this the rotten patches were washed off and the potatoes were again weighed
- The infestation (rot) could now be determined via the weight loss

	Incidence of Infestation	Degree of Infestation
Untreated	40 %	69.3 %
Copper	20 %	31 %
Proradix	10 %	42 %



Untreated



Untreated after
Washing off the Rot



Proradix treated