

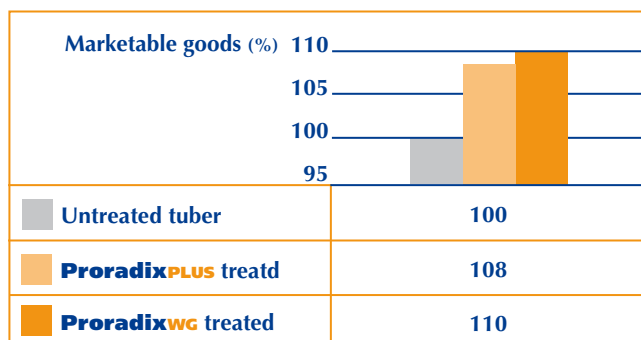
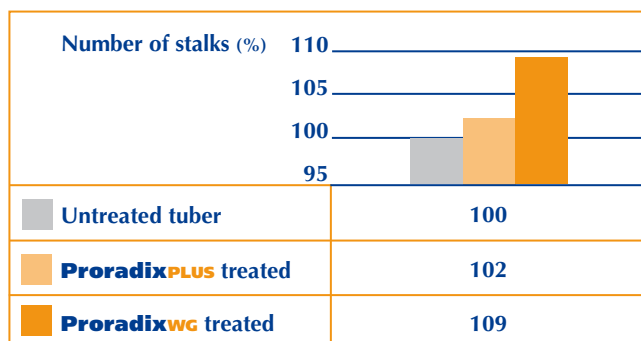
## Proven quality and yield increase

### Praxis tests on potatoes in Northern Germany

Realisation: Agro Nord, by EPPO-directives

Test year: 2008

Sort: Arkula

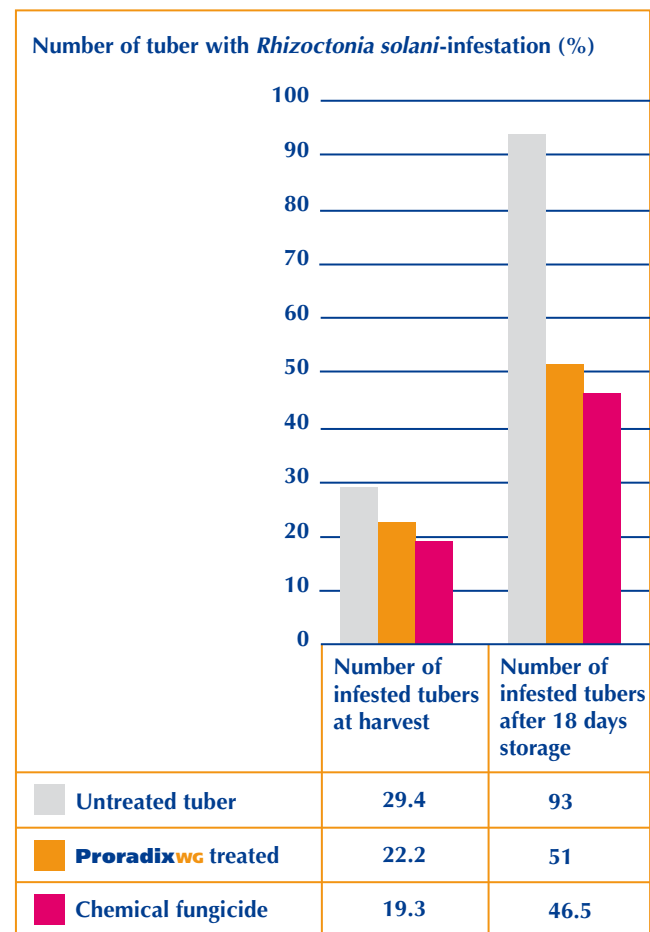


### Praxis tests on potatoes in Italy

Realisation: G.Z.S.r.l Ferrara Italien, by EPPO-directives

Test year: 2008

Sort: Agata



## Proven quality and yield increase

### Praxis tests on potatoes in Northern Germany

Realisation: Agro Nord

Test year: 2007

Sort: Marabel

Gross yield (dt/ha)	
Untreated tuber	379.8
Chemical fungicide	401.3
<b>ProradixWG treated</b>	409.9

	Distribution of gross yield in the sorts (%)		
	< 35 mm	35-55 mm	> 55 mm
Untreated tuber	2.6	87.7	9.8
Chemical fungicide	1.2	80.8	18.1
<b>ProradixWG treated</b>	1.3	94.4	4.4

### Praxis tests on potatoes in Korea

Realisation: Hanyoon Industries

Test Year: 2007

Sort: Tuberosum L.

(dt/ha) Yield		
	Pregerminated	Not pregerminated
Untreated tuber	293.8	280.7
<b>ProradixWG treated</b>	344.6	330.9

### Praxis tests on potatoes in Southern Germany

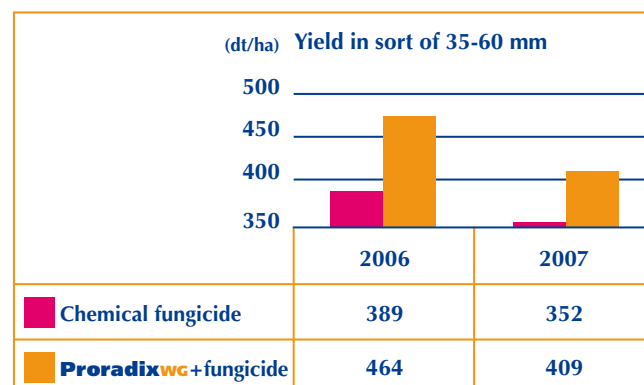
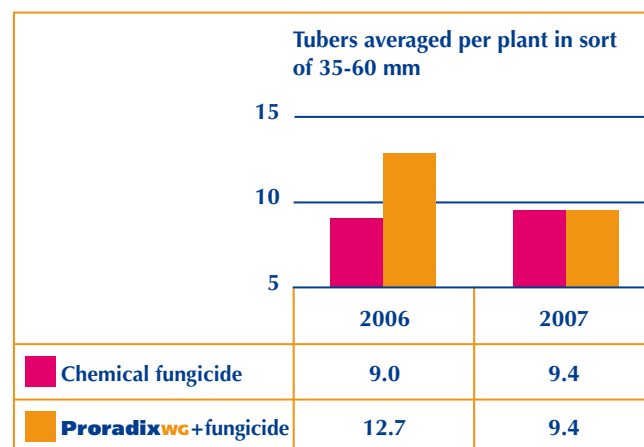
Realisation: Landwirtschaftlicher

Beratungsdienst/Kartoffelanbau

Landwirtschaftsamt Heilbronn

Test year: 2006, 2007

Sort: Selma



## Proven quality and yield increase

### Praxis tests on 31 sorts of potatoes in Italy

Realisation: Blueline

Test year: 2007

Sorts	Proradix treated (dt/ha)	Un-treated (dt/ha)	Gross yield increase (%)	Yield increase in sort wanted (%)
AGATA	506.2	487.5	3.8	9.0
ALADIN	637.5	606.2	5.2	26.1
ALMERA	768.7	737.5	4.2	33.3
ALTESS	587.5	537.5	9.3	15.6
ANAIS	612.5	562.5	8.9	18.2
AVALON	492.7	462.5	6.7	17.2
BALLERINA	356.2	325.0	9.6	28.7
BEDALIN	625.0	593.7	5.3	24.8
BH96-27	500.0	475.0	5.3	16.5
COLLINA	562.5	512.5	9.8	22.7
CUPIDO	481.2	468.7	2.7	8.3
DALIDA	668.7	656.2	1.9	4.6
PAR99-15	593.7	543.7	9.2	19.2
DAIANA	693.7	631.2	9.9	20.4
DAYTONA	468.7	450.0	6.7	21.2
DENISE	643.7	618.7	4.0	15.7

Sorts	Proradix treated (dt/ha)	Un-treated (dt/ha)	Gross yield increase (%)	Yield increase in sort wanted (%)
DESIREE	618.7	593.7	4.2	16.6
ELFE	731.2	687.5	6.4	25.6
EL PASO	712.5	681.2	4.7	10.5
LAURA	506.2	481.2	5.8	11.0
MADELAINE	512.5	468.7	9.3	19.9
MATADOR	700.0	662.5	9.1	17.6
MONNALISA	637.5	575.0	10.9	17.2
MURATO	618.7	593.7	4.2	7.0
PRIMURA	431.2	406.2	6.2	9.8
RODEO	737.5	656.2	12.3	20.3
TEODORA	562.5	500.0	12.5	14.2
VIRGO	812.5	787.5	3.2	6.6
VIVALDI	656.2	631.2	4.0	10.0
KENNEBEC	686.5	668.7	2.8	3.5
AVERAGE	604.1	568.7	6.2	16.4

#### Results of 31 sorts:

On average 6.6 % Gross yield increase  
(range 1.9 - 12.4 %)

On average 16.4 % yield increase in assortment wanted  
(range 3.5 - 33.3 %)

## Proven quality and yield increase

### Field test on potatoes in Northern Germany on an organic farm

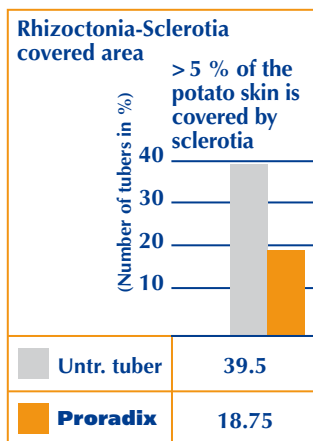
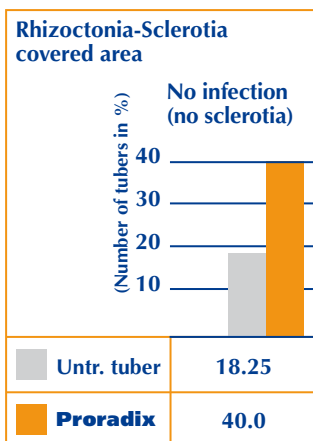
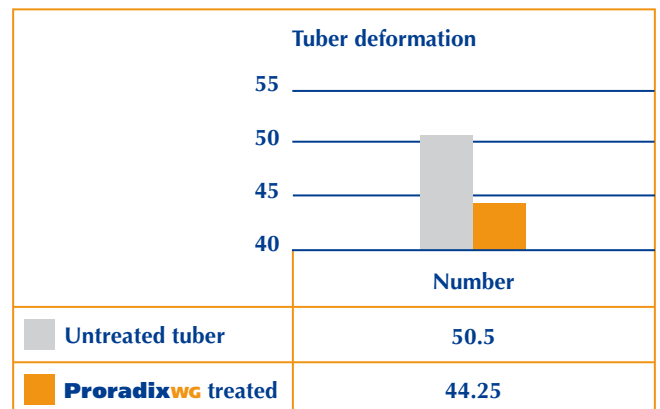
Realisation: Agro Nord

Test area: Dahlwitz-Organic Farm, Test year: 2009

Sort: Marena

	Yield	
	dt/ha	relative
Untreated tuber	234.7	100.0
<b>ProradixWG treated</b>	266.9	113.7

	Fractionation (%)		
	< 35 mm	35-55 mm	> 55 mm
Untreated tuber	22.6	77.4	0.0
<b>ProradixWG treated</b>	9.3	76.4	14.4



## Proven quality and yield increase

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

Realisation: Agro Nord, under EPPO-guidelines

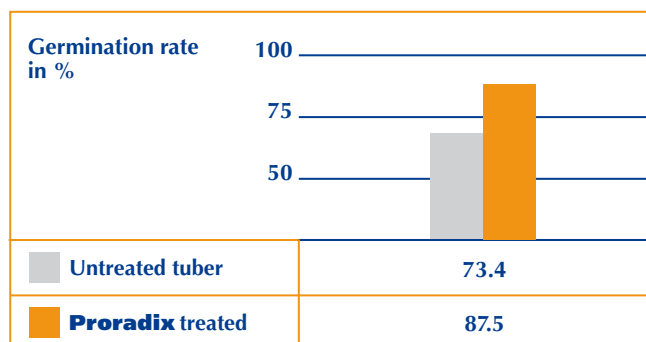
Test year: 2009, Sort: Hansa

	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
<b>Proradix treated</b>	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