

	Co -/- bacterial count (standard deviation) [CFU/100µl]	Co EDTA	PS only 100 µM	light only	PDI 5 min 1 µM	PDI 5 min 10 µM	PDI 5 min 100 µM	PDI 25/30 min 1 µM	PDI 25/30 min 10 µM	PDI 25/30 min 100 µM	PS only 2 mM	PDI 30 min 2 mM
relative inactivation (standard deviation)												
R. fascians vs. NaChlorophyllin	2.0E+7 (3.3E+6)		1.0E+0 (1.9E-1)	1.0E+0 (8.8E-2)	1.2E+0 (7.5E-1)	1.3E+0 (2.5E-1)	4.3E+5 (4.2E+5)	1.1E+0 (1.4E-1)	1.7E+0 (1.7E-1)	2.2E+6 (3.3E+6)		
R. fascians vs. NaChlorophyllin 5mM Na2EDTA	1.7E+7 (1.3E+7)		1.1E+0 (7.9E-1)	8.6E-1 (1.0E-1)	1.2E+0 (5.9E-1)	2.8E+0 (6.2E-1)	4.0E+5 (2.4E+5)	1.2E+0 (7.9E-1)	4.1E+0 (1.8E+0)	4.1E+5 (1.5E+5)		
R. fascians vs. B17-0024	1.7E+7 (1.4E+7)		7.9E-1 (2.7E-1)	1.3E+0 (5.7E-1)	3.3E+0 (4.1E+0)	> 7.5E+6 (2.5E+6)	> 1.7E+7 (1.4E+7)	1.4E+0 (6.6E-1)	> 6.5E+6 (4.0E+6)	> 3.9E+6 (5.6E+6)		
X. axonopodis vs. NaChlorophyllin	1.1E+7 (1.7E+7)		2.3E+0 (2.1E+0)		9.8E-1 (1.8E-1)	3.7E+0 (2.6E+0)	1.9E+1 (1.5E+1)	3.9E+0 (4.5E+0)	1.1E+1 (1.1E+1)	3.8E+1 (2.0E+1)		
X. axonopodis vs. NaChlorophyllin 5 mM Na2EDTA	7.3E+7 (2.0E+7)		1.5E+1 (9.2E+0)		2.2E+3 (3.7E+3)	1.1E+4 (1.9E+4)	> 2.2E+7 (3.8E+7)	6.4E+3 (1.1E+4)	1.1E+5 (1.9E+5)	> 2.2E+7 (3.8E+7)		
X. axonopodis vs. B17-0024	6.4E+7 (7.4E+6)		7.3E+0 (8.2E+0)	5.8E-1 (1.1E-1)	2.9E+0 (6.1E-1)	> 3.5E+7 (3.9E+7)	> 5.1E+7 (3.2E+7)	1.8E+1 (6.1E+0)	1.0E+6 (1.1E+6)	> 1.8E+7 (3.3E+7)		
E. amylovora vs. NaChlorophyllin	2.1E+8 (2.4E+7)		9.2E-1 (3.4E-2)	1.0E+0 (3.3E-2)	1.1E+0 (4.3E-1)	1.2E+0 (2.4E-1)	1.2E+0 (6.6E-2)	1.1E+0 (2.3E-1)	1.2E+0 (2.0E-1)	1.4E+0 (1.4E-1)		
E. amylovora vs. NaChlorophyllin 5 mM Na2EDTA	1.6E+8 (8.1E+7)	1.0E+0 (3.5E-1)	1.4E+0 (9.2E-1)	1.4E+0 (7.8E-1)	1.3E+0 (7.7E-1)	2.1E+0 (1.6E+0)	1.8E+1 (3.6E+1)	1.0E+0 (4.5E-1)	2.0E+0 (1.4E+0)	5.9E+0 (8.1E+0)		
E. amylovora vs. Chlorophyllin 1.2 % Baypure®DS100	1.6E+8 (7.2E+7)		8.3E+0 (5.2E+0)							1.4E+7 (2.3E+7)	6.8E+1 (9.2E+1)	3.2E+4 (4.4E+4)
E. amylovora vs. B17-0024	9.9E+7 (4.2E+7)		1.0E+0 (6.1E-1)	1.2E+0 (1.0E+0)	1.4E+0 (7.7E-1)	1.1E+1 (1.5E+1)	6.7E+4 (6.6E+4)	9.6E-1 (3.2E-1)	6.3E+1 (4.5E+1)	1.6E+6 (3.2E+6)		

Supplementary table 1

Supplementary table 1: Results of Photodynamic Decontamination of *R. fascians*, *X. axonopodis* and *E. amylovora* using different PSs. PDI was done at three different concentrations (1 μM , 10 μM , 100 μM) of Chlorophyllin, Chlorophyllin with 5 mM Na₂EDTA, Chlorophyllin with 1.2 % Baypure®DS100 and B17 0024 using a 395 nm LED-array (radiant fluence 26.6 J cm⁻², irradiance 14.8 mW cm⁻²). Counting of CFU took place 24 h after illumination for *E. amylovora* and 48 h after illumination for *X. axonopodis* and *R. fascians*. The mean value and the standard deviation were calculated from at least three biological independent replicates. Three controls were included in this experiment. Co -/-: double negative control; PS only: dark control; light only: light control.