

Table 4.2.9. Supplementary Table S1 Effect of volatile compound produce by biocontrol agents on induction of Peroxidase activities in chilli leaves against *R. solanacearum* in glasshouse conditions.

Treatments	Peroxidase activity (Δ OD/min/mg protein)					
	0hapi	24hapi	48hapi	72hapi	96hapi	Mean value
T1 (Control)	0.012 \pm 0.001 bc	0.017 \pm 0.00 ^d 2	0.021 \pm 0.001 f	0.019 \pm 0.002 d	0.017 \pm 0.002 d	0.017
T2 (<i>B. subtilis</i> KA9)	0.012 \pm 0.001 bc	0.029 \pm 0.00 ^c 2	0.052 \pm 0.002 e	0.048 \pm 0.002 c	0.038 \pm 0.003 c	0.035
T3 (<i>P. fluorescens</i> PDS1)	0.015 \pm 0.001 a	0.027 \pm 0.00 ^c 3	0.064 \pm 0.003 cd	0.061 \pm 0.002 ab	0.042 \pm 0.002 bc	0.041
T4 (<i>B. subtilis</i> KA9 + RS)	0.014 \pm 0.001 ab	0.046 \pm 0.00 ^b 3	0.069 \pm 0.003 c	0.056 \pm 0.002 b	0.051 \pm 0.002 a	0.047
T5 (<i>P. fluorescens</i> + RS)	0.013 \pm 0.001 ab	0.049 \pm 0.00 ^b 2	0.080 \pm 0.002 b	0.058 \pm 0.002 ab	0.048 \pm 0.002 ab	0.049
T6(RS+ KA9+ PDS1)	0.014 \pm 0.001 ab	0.056 \pm 0.00 ^a 3	0.090 \pm 0.002 a	0.064 \pm 0.002 a	0.051 \pm 0.002 a	0.055
T7 (RS)	0.013 \pm 0.001 ab	0.029 \pm 0.00 ^c 2	0.059 \pm 0.002 d	0.043 \pm 0.002 c	0.045 \pm 0.002 b	0.037
Mean value	0.013	0.036	0.062	0.049	0.041	-
C.D.	0.002	0.007	0.007	0.006	0.006	-
SE(m)	0.001	0.002	0.002	0.002	0.002	-
SE(d)	0.001	0.003	0.003	0.003	0.003	-
C.V.	9.627	14.266	8.371	8.929	11.189	-