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Supplementary Materials

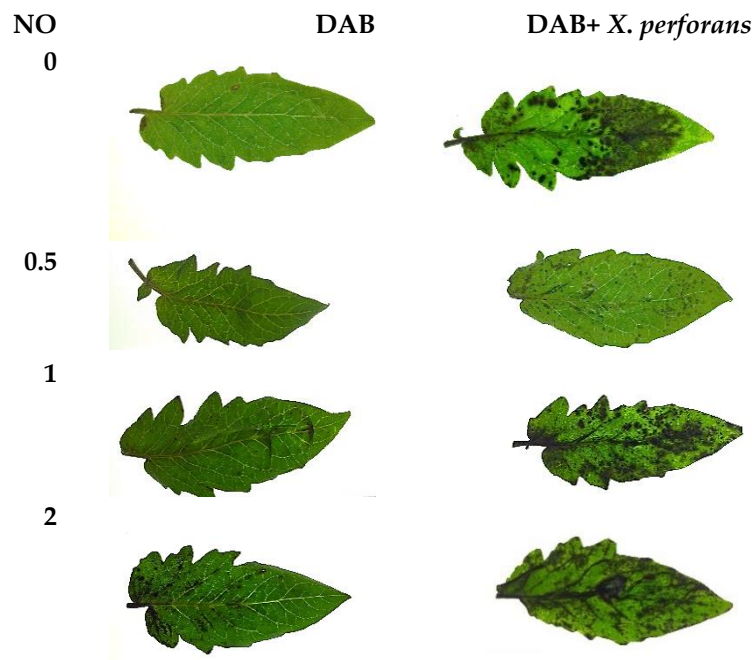
Supplementary Table 1. Experimental treatments labeling.

Treatment	SNP Concentration (mM)	<i>X. perforans</i> Inoculation
Control (-C)	0	No
-NO0.5	0.5	No
-NO1	1	No
-NO2	2	No
+C	0	Yes
+NO0.5	0.5	Yes
+NO1	1	Yes
+NO2	2	Yes

(-C): treated with 5 mL of sterile distilled water; (-N0.5): pretreated with 0.5 mM SNP, (-N1): pretreated with 1mM SNP, (-N2): pretreated with 2 mM SNP; (+C): Control pretreated with *X. perforans*, (+N0.5): pretreated with 0.5 mM sodium nitroprusside (SNP)+ *X. perforans*, (+N1): pretreated with 1 mM SNP+ *X. perforans*, (+N2): pretreated with 2 mM SNP+ *X. perforans*

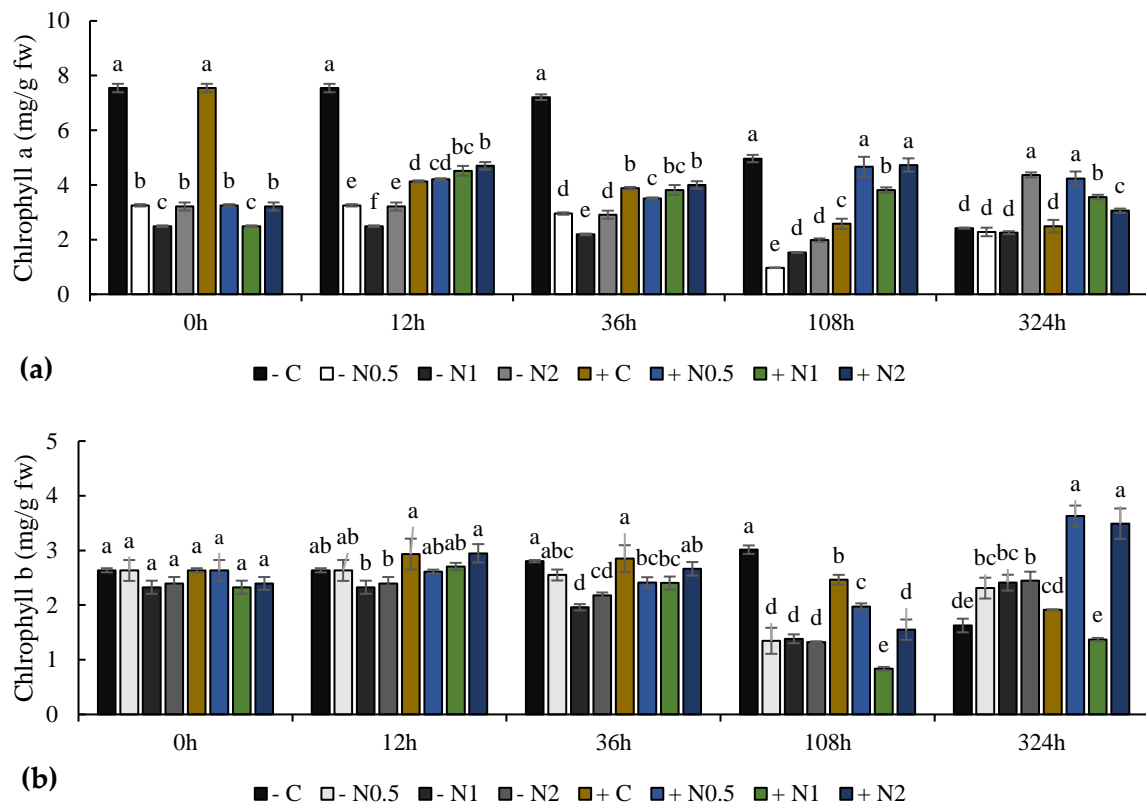
Supplementary Table 2. Specifications of the used primers used in the study.

Gene name	Accession no.	Sequence (5' - 3')	Amplicon size
<i>SIActin</i>	NM_001308447.1	AACAGACAGGACACTCGCACT TTAGCACCTTCCAGCAGATGT	126
<i>SIPAL</i>	NM_001320040.1	CCACGGAGAGGCAAACACG GCCACATTCAGCAACAAGGG	141
<i>SINPR1</i>	NM_001247629.2	GGGAAAGATAGCAGCACG GTCCACACAAACACACACATC	144
<i>SIWRKY1</i>	XM_019214874.2	TAGCAGTGAAGTGGATGTAGTC TTGGATTATGGGATGACCTCTC	155
<i>SIPDF1.2</i>	NM_001247943	CTGGACCAATGAGAATTGTTG AATCCTTCGGTCTCACATACC	112



Supplementary Figure 1. Effect of Nitrite oxide (NO) pre-treatment on tomato leaf symptoms after inoculation with *X. perforans* bacteria. (NO0): treated with 5 mL of sterile distilled water; -NO0.5): pretreated with 0.5 mM SNP, (NO1): pretreated with 1mM SNP, (NO2): pretreated with 2 mM SNP.

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Supplementary Figure 2. Effect of nitric oxide (NO) pre-treatment on (a) chlorophyll a, chlorophyll b (b) in tomato leaf samples treated and untreated with *X. perforans* bacteria at time intervals of 0, 12, 36, 108, and 324 hours post inoculation (hpi). Data represent the mean of three replicates \pm SE. Numbers with different Latin letters have a significant difference ($P \leq 0.05$). (-C): treated with 5 mL of sterile distilled water; (-N0.5): pretreated with 0.5 mM SNP, (-N1): pretreated with 1mM SNP, (-N2): pretreated with 2 mM SNP; (+C): Control pretreated with *X. perforans*, (+N0.5): pretreated with 0.5 mM sodium nitroprusside (SNP)+ *X. perforans*, (+N1): pretreated with 1 mM SNP+ *X. perforans*, (+N2): pretreated with 2 mM SNP+ *X. perforans*.