

**Supplementary Table 3:** Effect of NO suppression on characteristics of ethylene production in tobacco in response to *Pseudomonas syringae* pathovar *phaseolicola*.

Treatment	C <sub>2</sub> H <sub>4</sub> -I			C <sub>2</sub> H <sub>4</sub> -II		Mean C <sub>2</sub> H <sub>4</sub> I/ C <sub>2</sub> H <sub>4</sub> -2 Height ratio	Mean C <sub>2</sub> H <sub>4</sub> II/ C <sub>2</sub> H <sub>4</sub> -2 area ratio
	Mean Peak Height (nmol h <sup>-1</sup> gfw <sup>-1</sup> )	Mean Peak Position (hpi)	Peak Area	Maximum height (nmol h <sup>-1</sup> gfw <sup>-1</sup> )	Area		
<i>Psph</i>	31.1 (1.0)	1.9 (0.1)	60.1(1.2)	48.8 (2.5)	214.3 (11.1)	0.7 (0.3)	0.2 (0.1)
L-NAME 1	28.5 (5.1)	2.3 (0.1)	69.5 (2.3)	8.1 (1.5)	66.6 (8.6)	4.0 (1.4)	1.1 (0.1)
D-NAME 1	20.1	2.4	73.2	30.7	82.8	0.7	1.0
L-NAME 2	30.9	2.5	44.8	7.5	45.4	4.1	0.9
D-NAME 2	36.0	2.5	65.9	38.9	134.2	0.9	0.5
L-NAME 3	32.5 (5.1)	3.1 (0.6)	75.1 (5.6)	11.6 (3.8)	126.1 (12.9)	3.4 (1.0)	0.5 (0.3)
D-NAME 3	33.2	2.7	68.6	36.4	21.3	1.0	0.6
CPTIO 1	32.5 (4.0)	2.5 (0.6)	69.5 (4.4)	23.3 (2.3)	117.0 (11.0)	1.4 (0.3)	0.6 (0.1)
CPTIO 2	38.0 (3.0)	2.9 (2.4)	62.3 (6.4)	7.0 (1.5)	45.4 (3.9)	4.7 (0.8)	1.4 (0.1)
CPTIO 3	32.5 (1.5)	3.2 (0.1)	66.2 (1.9)	23.6 (2.6)	124.0 (22.0)	1.4 (0.2)	0.5 (0.1)

*Psph* = *Pseudomonas syringae* pathovar *phaseolicola*

Calculations were carried out as described in the legend of supplementary Table 1. Each calculation represented the mean of at least 6 replicates. The circled numbers indicate when L-NAME/D-NAME or CPTIO was introduced into leaf areas inoculated with *Psph*.

