

Plant Protect eA300 Assay 4 Results:

Includes the pathogen *Clavibacter michiganensis* subsp. *michiganensis*, causal agent of Bacterial Canker of Tomato, closely related to *Clavibacter michiganensis* subsp. *nebraskensis*, the Goss' Wilt pathogen.

05/19/11

Test Organism	#	1:2	1:4	1:8	1:16	1:32	1:64	1:128	1:256	1:512	1:1024	1:2048	1:4096	Controls		
<i>Cu. flaccumfaciens</i> pv. <i>flaccumfaciens</i> (Bean Wilt)		50%	25%	12.5%	6.25%	3.13%	1.85%	.78%	.39%	.195%	.097%	.048%	.024%	Bacteria only	eA300 only	TSB
1446 NCPBP	A*	=== **	===	===	=== ***	+++	+++	+++	+++	+++	+++	+++	+++	+++	===	===
	B	===	===	===	===	+++	+++	+++	+++	+++	+++	+++	+++	+++	===	===
<i>Cl. michiganensis</i> subsp. <i>michiganensis</i> (Bacterial Canker of Tomato)																
JD83-1	A	===	===	===	===	===	===	===	===	===	+++	+++	+++	+++	===	===
	B	===	===	===	===	===	===	===	===	===	+++	+++	+++	+++	===	===
CF-2	A	===	===	===	===	===	===	===	===	===	+++	+++	+++	+++	===	===
	B	===	===	===	===	===	===	===	===	===	+++	+++	+++	+++	===	===

* Two replicates per bacterial strain tested

** Triplicate plating on agar medium to determine growth

(+) = bacterial growth

(-) = no bacterial growth

***Yellow Shaded Boxes: Indicate Minimum Inhibitory Concentration (MIC) of tested agent = The highest dilution or lowest concentration of the agent preventing the growth of the test organism. Input bacterial concentration in each *Plant Protect eA300* test dilution: $\sim 1 \times 10^7$ bacteria/ml after dilution



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