

Table 5. Population density of bacterial, fungal and *Fusarium spp.* Flora per gram dry weight of the rhizosphere and surrounding soil of tomato roots, growing in the field during 2009.

Sampling		Bacteria $\times 10^5$			Fungi $\times 10^4$			Fusarium $\times 10^4$		
Time	Treatments	R	S	R/S	R	S	R/S	R	S	R/S
1 st Month	Non-coated seeds Control"	128.0	4.0	32.0	55.5	18.5	3.0	18.2	2.0	9.1
	<u>Seed coated with:</u>									
	<i>T. viride</i>	80.0	4.0	10.0	12.0	0.8	2.0	1.7	1.1	
	<i>B. subtilis</i>	20.0		7.7	7.0	1.1	0.5	1.0	0.5	
	Vitavax T	302.0	5.0	60.4	5.6	10.0	0.5	1.2	1.5	0.8
		20.7	3.0	6.9						
2 nd Month	Non-coated seeds "Control"	99.0	7.0	14.1	12.0	4.0	3.0	1.0	0.7	1.4
	<u>Seed coated with:</u>									
	<i>T. viride</i>	102.0	5.2	20.4	311.5	3.0	3.8	0.7	0.9	0.7
	<i>B. subtilis</i>	270.0	4.5	67.5	4.2	3.2	1.3	1.2	0.7	0.2
	Vitavax T	220.0	6.0	36.6	4.0	33.0	1.3	0.5	0.8	0.6
3 rd Month	Non-coated seeds "Control"	110.0	7.0	15.7	16.0	4.0	4.0	1.0	0.5	2.0
	<u>Seed coated with:</u>									
	<i>T. viride</i>	120.0	6.0	20.0	14.0	4.2	3.3	0.9	1.0	0.9
	<i>B. subtilis</i>	280.0	9.0	31.1	5.0	3.8	1.3	0.6	0.9	0.6
	Vitavax T	250.0	5.0	50.0	4.0	3.5	1.1	0.5	0.5	0.6

R = Rhizosphere

S= Soil

R / S = Ratio