

Table S1. The changes in the number of *S. Enteritidis*, *S. Typhimurim*, *S. Virchow* on eggshells contaminated with bacterial suspension of 10^3 CFU with or without the addition of poultry manure.

		<i>S. Enteritidis</i>	<i>S. Typhimurim</i>	<i>S. Virchow</i>
Variant		Average [log CFU/egg] <i>STD</i> *	Average [log CFU/egg] <i>STD</i>	Average [log CFU/egg] <i>STD</i>
4°C	Bacterial suspension 10^3 CFU			
	Control	1.51 (± 0.09)	1.59 (± 0.06)	1.67 (± 0.10)
	30 min. †	RCI	0.02 (± 0.06)	0.21 (± 0.08)
		Ozonizer	0.26 (± 0.03)	0.23 (± 0.04)
		Fan	0.58 (± 0.00)	0.30 (± 0.04)
	60 min.	RCI	0.00 (± 0.00)	0.00 (± 0.00)
		Ozonizer	0.00 (± 0.00)	0.00 (± 0.00)
		Fan	0.00 (± 0.00)	0.00 (± 0.00)
	120 min.	RCI	0.00 (± 0.00)	0.00 (± 0.00)
		Ozonizer	0.00 (± 0.00)	0.00 (± 0.00)
		Fan	0.00 (± 0.00)	0.00 (± 0.00)
	Bacterial suspension 10^3 and poultry manure			
	Control	1.60 (± 0.10)	1.67 (± 0.07)	1.74 (± 0.09)
	30 min.	RCI	0.23 (± 0.04)	0.38 (± 0.06)
		Ozonizer	0.54 (± 0.01)	0.56 (± 0.03)
		Fan	0.92 (± 0.03)	0.86 (± 0.00)
	60 min.	RCI	0.00 (± 0.00)	0.00 (± 0.00)
		Ozonizer	0.00 (± 0.00)	0.00 (± 0.00)
		Fan	0.00 (± 0.00)	0.00 (± 0.00)
	120 min.	RCI	0.00 (± 0.00)	0.00 (± 0.00)
		Ozonizer	0.00 (± 0.00)	0.00 (± 0.00)
		Fan	0.00 (± 0.00)	0.00 (± 0.00)
20°C	Bacterial suspension 10^3 CFU			
	Control	1.51 (± 0.09)	1.59 (± 0.06)	1.67 (± 0.10)
	30 min.	RCI	0.00 (± 0.00)	0.09 (± 0.09)
		Ozonizer	0.33 (± 0.02)	0.32 (± 0.00)
		Fan	0.57 (± 0.00)	0.27 (± 0.00)
	60 min.	RCI	0.00 (± 0.00)	0.00 (± 0.00)
		Ozonizer	0.00 (± 0.00)	0.00 (± 0.00)
		Fan	0.00 (± 0.00)	0.00 (± 0.00)
	120 min.	RCI	0.00 (± 0.00)	0.00 (± 0.00)
		Ozonizer	0.00 (± 0.00)	0.00 (± 0.00)
		Fan	0.00 (± 0.00)	0.00 (± 0.00)
	Bacterial suspension 10^3 and poultry manure			
	Control	1.60 (± 0.01)	1.67 (± 0.07)	1.74 (± 0.09)
	30 min.	RCI	0.15 (± 0.05)	0.11 (± 0.07)

		S. Enteritidis	S. Typhimurium	S. Virchow
Variant		Average [log CFU/egg] STD*	Average [log CFU/egg] STD	Average [log CFU/egg] STD
60 min.	Ozonizer	0.61 (± 0.00)	0.80 (± 0.02)	0.66 (± 0.02)
	Fan	0.94 (± 0.03)	1.10 (± 0.01)	0.90 (± 0.00)
	RCI	0.00 (± 0.00)	0.00 (± 0.00)	0.00 (± 0.00)
	Ozonizer	0.00 (± 0.00)	0.00 (± 0.00)	0.00 (± 0.00)
	Fan	0.00 (± 0.00)	0.00 (± 0.00)	0.00 (± 0.00)
	RCI	0.00 (± 0.00)	0.00 (± 0.00)	0.00 (± 0.00)
120 min.	Ozonizer	0.00 (± 0.00)	0.00 (± 0.00)	0.00 (± 0.00)
	Fan	0.00 (± 0.00)	0.00 (± 0.00)	0.00 (± 0.00)
	RCI	0.00 (± 0.00)	0.00 (± 0.00)	0.00 (± 0.00)

* - standard deviation, † - time of action; CFU – colony forming units