

Table S3. The changes in the number of *S. Enteritidis*, *S. Typhimurim*, *S. Virchow* on eggshells contaminated with bacterial suspension of 10^8 CFU with or without the addition of poultry manure.

	Variant	S. Enteritidis	S. Typhimurium	S. Virchow
		Average [log CFU/egg] (STD)*	Average [log CFU/egg] (STD)	Average [log CFU/egg] (STD)
4°C	Bacterial suspension 10^8 CFU			
	Control	5.80 (± 0.51)	5.67 (± 0.51)	5.95 (± 0.50)
	30 min. +	RCI	4.82 (± 0.41)	4.77 (± 0.42)
		Ozonizer	4.85 (± 0.41)	4.82 (± 0.43)
		Fan	5.55 (± 0.48)	5.43 (± 0.49)
	60 min.	RCI	4.16 (± 0.34)	4.10 (± 0.35)
		Ozonizer	4.58 (± 0.38)	4.58 (± 0.40)
		Fan	5.43 (± 0.47)	4.85 (± 0.39)
	120 min.	RCI	3.91 (± 0.32)	3.82 (± 0.33)
		Ozonizer	3.90 (± 0.31)	3.91 (± 0.40)
		Fan	5.05 (± 0.43)	4.36 (± 0.34)
	Bacterial suspension 10^8 and poultry manure			
	Control	5.88 (± 0.50)	5.81 (± 0.52)	5.98 (± 0.48)
	30 min. +	RCI	5.63 (± 0.48)	5.65 (± 0.51)
		Ozonizer	5.65 (± 0.48)	5.68 (± 0.51)
		Fan	5.80 (± 0.49)	5.83 (± 0.47)
	60 min.	RCI	5.49 (± 0.46)	5.55 (± 0.50)
		Ozonizer	5.53 (± 0.47)	5.55 (± 0.47)
		Fan	5.69 (± 0.48)	5.74 (± 0.46)
	120 min.	RCI	5.33 (± 0.45)	5.40 (± 0.48)
		Ozonizer	5.35 (± 0.45)	5.37 (± 0.48)
		Fan	5.49 (± 0.46)	5.48 (± 0.43)
20°C	Bacterial suspension 10^8 CFU			
	Control	5.80 (± 0.51)	5.67 (± 0.51)	5.95 (± 0.50)
	30 min. +	RCI	4.75 (± 0.40)	4.71 (± 0.42)
		Ozonizer	4.95 (± 0.42)	4.90 (± 0.43)
		Fan	5.55 (± 0.48)	5.44 (± 0.49)
	60 min.	RCI	3.70 (± 0.30)	3.71 (± 0.32)
		Ozonizer	4.75 (± 0.40)	4.71 (± 0.42)
		Fan	5.42 (± 0.47)	5.33 (± 0.48)
	120 min.	RCI	2.10 (± 0.14)	2.75 (± 0.22)
		Ozonizer	4.44 (± 0.37)	4.34 (± 0.38)
		Fan	5.08 (± 0.43)	4.43 (± 0.35)
	Bacterial suspension 10^8 and poultry manure			
	Control	5.88 (± 0.50)	5.81 (± 0.52)	5.98 (± 0.48)
	30 min. +	RCI	5.62 (± 0.48)	5.65 (± 0.51)
		Ozonizer	5.67 (± 0.48)	5.69 (± 0.51)
		Fan	5.79 (± 0.49)	5.83 (± 0.47)

		S. Enteritidis	S. Typhimurium	S. Virchow
Variant		Average [log CFU/egg] (STD)*	Average [log CFU/egg] (STD)	Average [log CFU/egg] (STD)
60 min.	RCI	5.50 (± 0.46)	5.53 (± 0.49)	5.52 (± 0.44)
	Ozonizer	5.56 (± 0.47)	5.59 (± 0.50)	5.58 (± 0.44)
	Fan	5.69 (± 0.48)	5.69 (± 0.51)	5.73 (± 0.46)
120 min.	RCI	5.30 (± 0.44)	5.38 (± 0.48)	5.36 (± 0.42)
	Ozonizer	5.39 (± 0.45)	5.40 (± 0.48)	5.42 (± 0.43)
	Fan	5.50 (± 0.46)	5.53 (± 0.49)	5.48 (± 0.43)

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