Table S8. Unconditional least square means estimated bacterial counts for different groups of bacteria, in freestall and tiestall farms.

Bacterial group	Status	Freestall		Tiestall	
		Log CFU/g[*]	95% CI	Log CFU/g[*]	95% CI
Total mesophilic flora	Unused	8.1[a]	7.7, 8.4	7.1[b]	6.9, 7.3
	Used	9.4[c]	9.1, 9.8	8.7[d]	8.5, 8.9
Staphylococci	Unused	5.1[a]	4.7, 5.6	3.3[b]	6.0, 3.5
	Used	6.7[c]	6.3, 7.2	7.0[c]	6.8, 7.3
Streptococci	Unused	5.1[a]	4.5, 5.7	3.5[b]	3.2, 3.8
	Used	6.3[c]	5.7, 6.9	7.2[c]	6.8, 7.5
E. coli	Unused	4.5[a]	4.2, 4.9	2.4[b]	2.2, 2.6
	Used	5.4[c]	5.1, 5.8	4.5[a]	4.3, 4.7
Klebsiella spp.	Unused	4.0[a]	3.6, 4.5	4.9[b]	4.7, 5.2
	Used	5.4[b, c]	4.9, 5.8	5.6[c]	5.3, 5.8

[*] Least square mean estimate

[a, b, c, d] For a given bacterial group, estimates within a row or column with different superscripts were considered to be statistically different (*P-value* < 0.05) after adjusting for multiple comparison using the Tukey-Kramer adjustment.