

**Table S2.** Relationship between oocyst per gram of feces (OPG) and *Eimeria* spp. species found with the characteristics and control measures applied in the studied farms.

	OPG			<i>E. acervulina</i>			<i>E. brunetti</i>			<i>E. maxima</i>			<i>E. necatrix</i>			<i>E. praecox</i>			<i>E. tenella</i>		
Parameter	%	OPG medi a	P	%	OR (95%CI)	P	%	OR (95%CI)	P	%	OR (95%CI)	P	%	OR (95%CI)	P	%	OR (95%CI)	P	%	OR (95%IC)	P
DEPENDENCE																					
Integrated	58 %	5460	0.19	65. 52	Reference		21 .5	Reference		7 7	Reference		45 .2	Reference		46 .2	Reference		42 .5	Reference	
Independent	42 %	9052		77. 27	2.13 (1.00- 4.72)	0.03 9*	43 .9	2.84 (1.35- 6.08)	0.00 3**	8 5	2.16 (0.91- 5.48)	0.08 3	63 .6	2.21 (1.11- 4.47)	0.01 6 *	68 .2	2.48 (1.23- 5.10)	0.00 9 **	68 .2	3.22 (1.59- 6.67)	0.00 1 **
FARM SIZE																					
Large	31 %	4988. 3	0.38	65. 12	Reference		26 .5	Reference		8 1	Reference		55 .1	Reference		53 .1	Reference		53 .5	Reference	
Medium	35 %	6804. 6		71. 43	7.86 (0.77- 4.57)	0.15	25	0.92 (0.35- 2.44)	1	7 9	1.46 (0.55- 3.95)	0.25 2	50	0.82 (0.35- 1.88)	0.7	57 .1	1.18 (0.51- 2.73)	0.69 8	42 .9	0.85 (0.37- 1.97)	0.69 8
Small	34 %	8883. 8		74. 07	2.13 (0.86- 5.37)	0.96	40 .7	1.89 (0.77- 4.82)	0.15	8 1	1.75 (0.63- 4.99)	0.49 8	51 .9	0.88 (0.38- 2.05)	0.87	55 .6	1.11 (0.47- 2.58)	0.84 5	64 .8	2.07 (0.88- 4.96)	0.07 7
ALTITUDE																					
Below 1300MAMSL	77 %	8338. 1	0.00 0**	64. 86	Reference		18 .9	Reference		7 6	Reference		54 .1	Reference		51 .4	Reference		37 .8	Reference	
Above 1300MAMSL	23 %	2582. 4		72. 41	1.32 (0.56- 3.02)	0.55	34 .4	2.35 (0.91- 6.85)	0.07	8 2	1.30 (0.50- 3.22)	0.51 5	51 .6	0.98 (0.44- 2.16)	1	56 .6	1.33 (0.60- 2.94)	0.46 1	58 .6	0.486 (0.21- 1.09)	0.06 2
DENSITY (Kg/m <sup>2</sup> )																					
Intermediate	29 %	12113 .61 <sup>ab</sup>	0.01 1*	72. 92	Reference		37	Reference		9 2	Reference		53 .7	Reference			Reference		60 .4	Reference	
Low	33 %	14289 .6 <sup>a</sup>		84. 31	2.44 (0.94- 6.65)	0.05	33 .3	0.83 (0.34- 1.97)	0.2	8 6	1.22 (0.41- 3.69)	0.81	56 .9	1.08 (0.47- 2.47)	0.85	62 .8	1.27 (0.55- 2.93)	0.56 5	60 .8	0.68 (0.29- 1.57)	0.56 7
High	38 %	9579. 94 <sup>b</sup>		55. 56	0.82 (0.35- 1.92)	0.69	22 .2	0.54 (0.21- 1.36)	0.69	6 5	0.55 (0.20- 1.45)	0.19	46 .3	0.86 (0.38- 1.98)	0.85	48 .2	0.87 (0.38- 1.99)	0.84 6	40 .7	1.26 (0.55-2.9)	0.33 9
DENSITY (Birds/m <sup>2</sup> )																					
Between 9.6 and 11	34 %	6128. 24 <sup>ab</sup>	0.02 5*	65. 12	Reference		32 .7	Reference		8 2	Reference	0.64	49	Reference		44 .9	Reference		60 .5	Reference	
Below 9.5	32 %	10049 .12 <sup>a</sup>		80	2.97 (1.18- 7.72)	0.01 2**	33 .3	1.03 (0.43- 2.50)	1	8 8	1.29 (0.45-3.67)		53 .3	1.19 (0.52- 2.71)	0.7	65	2.26 (0.98- 5.31)	0.05 2	56 .7	1.16 (0.51- 2.64)	0.84 7
Above 11.1	34 %	4847. 69 <sup>b</sup>		64	1.33 (0.550- 3.239)	0.54	26	0.73 (0.28- 1.89)	0.51	7 2	0.75 (0.26- 2.04)	0.64 5	54	1.22 (0.52- 2.90)	0.69	54	1.44 (0.61- 3.43)	0.42 4	44 .4	0.68 (0.29- 1.57)	0.42 4
TYPE OF POULTRY HOUSE																					
Controlled environment	17 %	7812	0.63	66. 67	Reference		22 .2	Reference		6 7	Reference		51 .9	Reference		59 .3	Reference		40 .7	Reference	
Open	83 %	6774. 9		71. 43	1.07 (0.39- 2.77)	1	32 .6	1.69 (0.60- 5.48)	1	8 3	1.94 (0.69- 5.17)	0.21	52 .3	1.02 (0.41- 2.53)	1	54 .6	0.83 (0.32- 2.06)	1	56 .4	1.69 (0.67- 4.35)	0.39 1
ROOF MATERIAL																					
Galvalume	84 %	7225. 6	0.2	71. 88	Reference		30 .6	Reference		8 3	Reference		53 .7	Reference		54 .5	Reference		55 .5	Reference	
Asbestos	9 %	4494. 6		57. 14	0.61 (0.17- 2.28)	0.38	28 .6	0.91 (0.20- 3.38)	1	6 4	0.48 (0.13- 1.97)	0.31	50	0.86 (0.24- 3.05)	1	57 .1	1.11 (0.32- 4.12)	1	42 .9	0.67 (0.18- 2.33)	0.57 8
Zinc	7 %	6731. 8		72. 73	1.22(0.27- 7.47)	1	36 .4	1.29 (0.26- 5.42)	0.74	7 3	0.71 (0.16- 4.40)	0.7	36 .4	0.49 (0.10- 2.05)	0.35	63 .6	1.46 (0.35- 7.12)	0.75 5	45 .5	0.74 (0.17- 3.07)	0.75 7

FLOOR MATERIAL																					
Cement	49 %	2614. 1	0.00 0**	56. 94	Reference		26 .9	Reference		7 8	Reference		46 .2	Reference		44 .9	Reference		51 .4	Reference	
Soil	51 %	11127		82. 71	4.28 (1.98- 9.67)	0.00 0**	34 .6	1.43 (0.69- 3.00)	0.31	8 3	1.87 (0.83- 4.36)	0.13	58	1.61 (0.82- 3.17)	0.15	65 .4	2.31 (1.17- 4.64)	0.01 1 **	55 .6	1.38 (0.71- 2.71)	0.34 3
ROOF SOPPORT MATERIAL																					
Metal	39 %	5701. 6	0.28	57. 63	Reference		25 .8	Reference		7 5	Reference		50	Reference		41 .9	Reference		54 .2	Reference	
Wood	61 %	7749. 5		78. 72	2.63 (1.26- 5.56)	0.00 6**	34	1.48 (0.69- 3.24)	0.3	8 4	1.79 (0.79- 4.07)	0.17	53 .6	1.15 (0.58- 2.30)	0.75	63 .9	2.44 (1.21- 4.97)	0.00 9 **	53 .2	1 (0.50- 1.98)	1
ADDITIONAL ILLUMINATION																					
NO	29 %	5888		72. 5	Reference		32 .6	Reference		8 8	Reference		52 .2	Reference		56 .5	Reference		67 .5	Reference	
YES	71 %	7383. 7	0.21	69. 91	1.36 (0.61- 2.96)	0.46	30 .1	0.89 (0.40- 2.01)	0.81	7 8	1.11 (0.44- 2.64)	0.34	52 .2	1 (0.48- 2.10)	1	54 .9	0.56 (0.44- 1.97)	0.86 3	48 .7	0.67 (0.31- 1.41)	0.29 5
VENTILATION TYPE																					
Mechanical	19 %	7250. 8	0.88	71. 43	Reference		26 .7	Reference		7 5	Reference		53 .3	Reference		56 .7	0.94 (0.38- 2.27)		46 .4	Reference	
Natural	81 %	6881. 2		70. 4	1.07 (0.41- 2.66)	1	31 .8	1.28 (0.50- 3.61)	0.67	8 2	1.61 (0.58- 4.21)	0.33	51 .9	0.95 (0.39- 2.26)	1	55	Reference	1	55 .2	1.50 (0.63- 3.66)	0.41 8
TYPE OF DRINKERS																					
Closed systems	48 %	7250	0.47	68. 06	Reference		27 .6	Reference		7 6	Reference		51 .3	Reference		54	Reference		47 .2	Reference	
Open systems	52 %	6677. 2		72. 84	1.35 (0.66- 2.79)	0.4	33 .7	1.33 (0.64- 2.79)	0.49	8 4	1.72 (0.77- 3.97)	0.19	53	1.07 (0.55- 2.09)	0.88	56 .6	1.11 (0.57- 2.19)	0.75 2	59 .3	1.69 (0.86- 3.33)	0.11 4
WATER SOURCE																					
River or canal	25 %	3506. 05 <sup>ab</sup>		51. 28	Reference		38 .5	Reference		6 4	Reference		46 .2	Reference		38 .5	Reference		53 .9	Reference	
Well	67 %	8734. 63 <sup>a</sup>	0.04 5*	79. 21	2.79 (1.215- 6.46)	0.00 9**	27 .1	0.60 (0.26- 1.40)	0.22	8 7	2.57 (1.04- 6.33)	0.02 6 *	55 .1	1.43 (0.64- 3.21)	0.36	63 .6	2.77 (1.23- 6.41)	0.00 8 **	53 .5	0.87 (0.39- 1.94)	0.85 2
Potable water	8 %	2603. 85 <sup>b</sup>		61. 54	1.51 (0.36- 6.97)	0.75	38 .5	1 (0.21- 4.27)	1	7 7	1.85 (0.38- 12.17)	0.51	46 .2	1 (0.23- 4.22)	1	38 .5	1 (0.21- 4.27)	1	53 .9	1 (0.24- 4.33)	1
SANTIZERS USED IN WATER																					
Chlorine	11 %	3126. 5		64. 71	Reference		17 .7	Reference		7 1	Reference		52 .9	Reference		52 .9	Reference		35 .3	Reference	0.14
Chlorine and peroxide	69 %	7679. 4	0.48	67. 27	1.12 (0.31- 3.63)	1	35 .5	2.55 (0.65- 14.66)	0.18	8 0	1.49(0.37- 5.12)	0.54	50 .9	0.92 (0.29- 2.92)	1	54 .6	1.07 (0.33- 3.37)	1	56 .4	2.35 (0.73- 8.33)	0.12 3
Peroxide	2 %	4050		66. 67	1.09 (0.05- 74.91)	1	33 .3	2.22 (0.03- 58.14)	0.51	6 7	0.84 (0.04- 58.86)	1	10 0	0.28 (infinite)	0.24	66 .7	1.73 (0.08- 117.70)	1	33 .3	0.92 (0.01- 21.37)	1
More than 3 products	18 %	6910. 2		91. 3	1.42 (0.32- 6.15)	0.74	20 .7	1.21 (0.22- 8.70)	1	9 1	1.58 (0.31- 7.76)	0.72	51 .7	0.95 (0.24- 3.71)	1	58 .6	1.25 (0.32- 4.94)	0.76 5	56 .5	1.48 (0.37- 6.29)	0.55 5
PEROXIDE																					
YES	71 %	7679. 4	0.22	65. 49	Reference		34 .5	Reference	0.07	7 6	Reference		49 .6	Reference	0.73	53 .1	Reference	0.86 3	54 .9	Reference	
NO	29 %	5315		85	0.91 (0.41- 1.97)	0.86	21 .7	2.13 (0.92- 5.33)		9 3	1.16 (0.48- 2.72)	0.69	58 .7	0.85 (0.41- 1.75)		60 .9	0.90 (0.43- 1.87)		50	1.87 (0.90- 3.94)	0.08 6
CHROLINE																					
YES	80 %	7069. 9	1	66. 93	Reference	0.68	33 .1	Reference	0.29	7 7	Reference		51 .2	Reference	0.69	54 .3	Reference	0.69 3	53 .5	Reference	0.33 2
NO	20 %	6478. 9		88. 46	0.79 (0.29- 1.97)		21 .9	1.76 (0.67- 5.22)		9 6	0.95 (0.31- 2.56)	1	56 .3	0.82 (0.34- 1.91)		59 .4	0.82 (0.34- 1.91)		53 .9	1.48 (0.63-3.51)	
TYPE OF FEEDERS																					
Mechanical	55 %	6942. 5	0.32	69. 14	Reference		24 .1	Reference		8 0	Reference		54	Reference		57 .5	Reference		46 .9	Reference	

Manual	45 %	6961. 2		72. 22	1.44 (0.70- 3.01)	0.31	38 .9	1.99 (0.96- 4.20)	0.06	8 1	1.40 (0.62- 3.25)	0.45	50	0.85 (0.43- 1.67)	0.64	52 .8	0.83 (0.42- 1.63)	0.63 1	61 .1	2.02 (1.02- 4.02)	0.03 8*
FEED PRESENTATION																					
Flour	25 %	2908. 8		64. 71	Reference		32 .5	Reference		8 5	Reference		55	Reference		50	Reference		64 .7	Reference	
Pelletized	75 %	8309. 7	0.05	72. 27	2.12 (0.94- 4.76)	0.05	30 .3	0.90 (0.39- 2.13)	0.84	7 9	1.42 (0.56- 3.45)	0.39	51 .3	0.86 (0.39- 1.88)	0.72	57 .1	1 (0.61- 2.91)	0.46 6	50 .4	0.83 (0.38- 1.81)	0.71 5
FEED ORIGIN																					
Manufactured	76 %	4939. 5		62. 61	Reference		22 .3	Reference		7 6	Reference		47 .9	Reference		49 .6	Reference		43 .5	Reference	
Purchased	24 %	13356	0.00 2**	94. 74	12.11 (2.89- 108.61)	0.00 0**	57 .9	4.73 (2.06- 11.16)	0.00 0**	9 5	6.94 (1.64- 63.08)	0.00 3 **	65 .8	2.08 (0.92- 4.87)	0.06 4	73 .7	2.83 (1.21- 7.12)	0.00 9 **	84 .2	7.48 (2.81- 23.55)	0.00 0**
NUMBER OF BEDDING USAGE																					
Two or three uses	33 %	7642. 6		66. 04	Reference		41 .5	Reference		7 7	Reference		47 .2	Reference		56 .6	Reference		62 .3	Reference	
One use	52 %	6231. 1	0.46	76. 32	1.24 (0.55- 2.77)	0.57	25 .6	0.49 (0.22- 1.09)	0.06	8 7	1.21 (0.47- 3.03)	0.67	53 .7	1.29 (0.62- 2.75)	0.49	54 .9	0.93 (0.44- 1.98)	0.86 1	51 .3	0.55 (0.25- 1.18)	0.11 3
More than 4 uses	15 %	7883. 3		62. 5	0.86 (0.28- 2.69)	0.8	25	0.47 (0.13- 1.51)	0.21	6 7	1.70 (0.50- 5.56)	0.4	58 .3	1.56 (0.53- 4.70)	0.46	54 .2	0.91 (0.31- 2.69)	1	41 .7	0.44 (0.14- 1.29)	0.13 7
BEDDING DEPTH																					
From 10 to 15cm	9 %	1465. 3		60	Reference		33 .3	Reference		7 3	Reference		26 .7	Reference		66 .7	Reference		46 .7	Reference	
Less than 10cm	40 %	7230. 9	0.35	68. 75	1.46 (0.37- 5.35)	0.55	32 .8	0.98 (0.26- 4.12)	1	8 1	1.57 (0.31- 6.58)	0.49	62 .5	4.93 (1.17- 21.56)	0.01 9 *	60	0.78 (0.19- 2.88)	0.77 4	59 .4	1.66 (0.46- 6.11)	0.39 9
More than 15cm	50 %	7755. 6		74. 32	1.46 (0.38- 5.19)	0.56	28 .8	0.81 (0.22- 3.36)	0.76	8 1	1.09 80.23- 4.24)	1	48 .8	2.59 (0.69- 12.11)	0.16	48 .8	0.48 (0.12- 1.71)	0.26 4	50	0.98 (0.28- 3.52)	1
BEDDING COMPOSTING METHOD																					
Fermentation	53 %	8010. 2	0.19	70. 51	Reference		32 .1	Reference		7 9	Reference		48 .8	Reference		56	Reference		56 .4	Reference	
None	47 %	5764. 7		70. 67	1.27 (0.62- 2.63)	0.5	29 .3	0.88 (0.42- 1.82)	0.73	8 1	1.54 (0.68- 3.58)	0.34	56	1.33 (0.68- 2.62)	0.43	54 .7	0.95 (0.48- 1.86)	0.87 5	50 .7	0.93 (0.48- 1.82)	0.82 4
PRESENCE OF <i>Alphitubius diaperinus</i>																					
No	40 %	8734. 2	0.05 8.	58. 73	Reference		27	Reference		6 8	Reference		47 .6	Reference		46	Reference		41 .3	Reference	
Yes	60 %	4233. 7		78. 89	1.99 (0.96- 4.15)	0.06	33 .3	1.35 (0.64- 2.92)	0.48	8 9	2.31 (1.02- 5.32)	0.03 3 *	55 .2	1.35 (0.68- 2.69)	0.42	61 .5	1.86 (0.93- 3.74)	0.07 3	62 .2	1.98 (1.00- 4.00)	0.05 1*
WATER MEDICATED WITH ANTICOCCIDIALS																					
No	89 %	6248	0.06	67. 88	Reference		27	Reference		7 8	Reference		50 .4	Reference		54 .6	Reference		49 .6	Reference	
Yes	11 %	12450		93. 75	2.57 (0.68- 14.51)	0.18	61 .1	4.21 (1.38- 13.83)	0.00 6**	1 0	2.53 (0.55- 23.80)	0.37	66 .7	1.96 (0.64- 6.75)	0.22	61 .1	1.30 (0.43- 4.21)	0.80 2	87 .5	3.73 (1.10- 16.32)	0.02 3*
AGE																					
More than 46 days	33 %	3021 <sup>b</sup>	0.00 6**	56	Reference		26 .9	Reference		7 0	Reference		36 .5	Reference		40 .4	Reference		44	Reference	
Less than 35 days	34 %	12388 <sup>a</sup>		92. 31	6.73 (2.32- 22.64)	0.00 1**	31 .5	1.24 (0.50- 3.16)	0.67	9 4	4.69 (1.48- 17.84)	0.00 4 **	57 .4	2.32 (1.00- 5.51)	0.01 1 **	72 .2	3.79 (1.58- 9.41)	0.00 2 **	55 .8	1.57 (0.69- 3.66)	0.52 5
Between 36 and 45 days	33 %	5266 <sup>b</sup>		62. 75	1.30 (0.56- 3.04)	0.56	34	1.39 (0.56- 3.52)	0.53	7 6	1.35 (0.54- 3.44)	0.53	62 .3	2.84 (1.21- 6.83)	0.03 5 *	52 .8	1.65 (0.71- 3.85)	0.24 2	60 .8	1.91 (0.83- 4.49)	0.12
FEEDING TYPE																					
Free (Ad libitum)	36 %	9226. 3	0.26	10 6.9	Reference		25 .9	Reference		8 1	Reference		55 .2	Reference		65 .5	Reference		43 .1	Reference	

Controlled	64 %	5644. 4		48. 42	0.42 (0.18- 0.93)	0.02 2*	33 .7	1.45 (0.67- 3.23)	0.37	8 0	0.71 (0.29- 1.67)	0.44	50 .5	0.83 (0.41- 1.66)	0.62	49 .5	0.52 (0.25- 1.06)	0.06 8	60	1.70 (0.85- 3.46)	0.13 8
<b>RESTOCKING TIME</b>																					
More than 68 days	23 %	7170. 1	0.25	86. 67	Reference		30 .6	Reference		9 7	Reference		58 .3	Reference		61 .1	Reference		63 .3	Reference	
Less than 60 days	40 %	10175		58. 33	0.54 (0.20- 1.42)	0.2	35	1.22 (0.47- 3.32)	0.82	7 2	0.61 (0.19- 1.80)	0.47	43 .3	0.55 (0.22- 1.36)	0.2	41 .7	0.46 (0.18- 1.14)	0.09 1	55	1.09 (0.44- 2.71)	0.62 9
Between 61 to 67 days	38 %	3434. 3		74. 6	1.13 (0.40- 3.11)	0.81	27	0.84 (0.31- 2.32)	0.82	8 1	1.03 (0.31- 3.21)	1	57 .1	0.95 (0.38- 2.36)	1	65 .1	1.18 (0.46- 2.99)	0.82 8	47 .6	0.82 (0.33- 2.00)	0.83 6
<b>SANITARY EMPTY PERIOD</b>																					
More than 18 days	17 %	9256. 7	0.18	88. 89	Reference		48 .2	Reference		8 9	Reference		63	Reference		66 .7	Reference		66 .7	Reference	
8 to 15 days	50 %	6064. 6		59. 49	0.19 (0.03- 0.69)	0.00 5**	32 .9	0.53 (0.20- 1.42)	0.17	7 2	0.36 (0.06- 1.25)	0.11	46 .8	0.52 (0.19- 1.38)	0.18	51 .9	0.54 (0.19- 1.46)	0.26 2	54 .4	0.60 (0.21- 1.61)	0.36 7
3 to 7 days	33 %	7097. 6		78. 72	0.29 (0.05- 1.19)	0.09	18 .9	0.26 (0.08- 0.78)	0.00 9**	8 9	0.48 (0.08- 2.07)	0.36	54 .7	0.71 (0.24- 2.02)	0.63	54 .7	0.61 (0.20- 1.74)	0.34 5	44 .7	0.33 (0.11- 0.95)	0.03 3 *
<b>QUICKLIME</b>																					
No	27 %	5307	0.2	48. 84	Reference		37 .2	Reference		6 5	Reference		46 .5	Reference		51 .2	Reference		58 .1	Reference	
Yes	73 %	7560. 4		79. 09	3.12 (1.41- 6.94)	0.00 2**	28 .5	0.67 (0.30- 1.52 )	0.34	8 6	2.41 (1.01- 5.67)	0.03 3 *	54 .3	1.36 (0.64- 2.94)	0.48	56 .9	1.26 (0.59- 2.70)	0.59 1	51 .8	0.70 (0.32- 1.49)	0.37 3
<b>PHENOLICS</b>																					
No	60 %	5024. 3	0.22	65. 17	Reference		36 .8	Reference		8 0	Reference		48 .4	Reference		48 .4	Reference		65 .2	Reference	
Yes	20 %	9581. 3		78. 13	2.26 (0.84- 6.84)	0.09	34 .4	0.90 (0.35- 2.23)	0.84	8 4	1.82 (0.60- 6.72)	0.33	53 .1	1.21 (0.50- 2.92)	0.69	65 .6	2.02 (0.82- 5.19)	0.10 5	50	0.64 (0.26- 1.55)	0.30 5
<b>FORMALDEHYDE</b>																					
No	55 %	6751. 4	0.44	70. 37	Reference		36 .8	Reference		8 4	Reference		48 .3	Reference		52 .9	Reference		61 .7	Reference	
Yes	25 %	4913. 3		65	0.98 (0.42- 2.34)	1	35	0.93 (0.39- 2.16)	1	7 5	0.84 (0.32- 2.28)	0.82	52 .5	1.18 (0.52- 2.69)	0.71	52 .5	0.99 (0.44- 2.24)	1	60	1.11 (0.49- 2.57)	0.84 8
<b>FLAMED</b>																					
No	59 %	4035	0.01 1*	61. 36	Reference		31 .9	Reference		7 8	Reference		44 .7	Reference		45 .7	Reference		54 .6	Reference	
Yes	41 %	11164		83. 08	3.61 (1.61- 8.65)	0.00 1**	29 .2	0.88 (0.41- 1.85)	0.86	8 3	1.77 (0.76- 4.36)	0.18	63 .1	2.11 (1.06- 4.26)	0.02 5 *	69 .2	2.65 (1.31- 5.51)	0.00 4 **	52 .3	1.05 (0.53- 2.08)	1
<b>QUATERNARY AMMONIUM</b>																					
No	89 %	6961. 7	0.78	71. 85	Reference		34 .8	Reference		8 2	Reference		53 .2	Reference		55 .3	Reference		51 .9	Reference	
Yes	11 %	6866		61. 11	0.71 (0.23- 2.33)	0.59	50	2.51 (0.82- 7.72)	0.1	6 7	0.54 (0.17- 1.91)	0.25	44 .4	0.71 (0.23- 2.12)	0.62	55 .6	1.01 (0.34- 3.13)	1	66 .7	2.02 (0.66- 6.94)	0.21 5
<b>OTHER DISINFECTANTS</b>																					
No	94 %	4008. 3	0.19	70. 83	Reference		32	Reference		8 0	Reference		52 .7	Reference		52 .7	Reference		54 .9	Reference	
Yes	6 %	7127. 3		66. 67	0.94 (0.19- 6.06)	1	11 .1	0.27 (0.01- 2.09)	0.28	8 9	2.42 (0.31- 111.03)	0.69	44 .4	0.72 (0.14- 3.49)	0.74	44 .4	0.72 80.14- 3.49)	0.73 8	33 .3	0.45 (0.07- 2.21)	0.31 7

\*\* Differences in farm characteristics and/or control measures with  $p \leq 0.01$

\* Differences in farm characteristics and/or control measures with  $p \leq 0.05$

CI: Confidence Interval. Different letters indicate significant differences.