|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary table:** Occurrence of *Campylobacter* spp. on ten broiler farms for two production cycles (I and II) | | | | | | | | | | | | | | | | | | | | |
| **Farm** | A | | B | | C | | D | | E | | F | | G | | H | | I | | J | |
| **Cycle** | **I** | **II** | **I** | **II** | **I** | **II** | **I** | **II** | **I** | **II** | **I** | **II** | **I** | **II** | **I** | **II** | **I** | **II** | **I** | **II** |
| **Fomites1** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Buckets | 0/3 | **1/5** | 0/4 | 0/5 | 0/4 | 0/3 | 0/4 | 0/5 | 0/4 | 0/5 | 0/5 | 0/5 | 0/4 | 0/3 | 0/5 | **1/4** | 0/5 | 0/5 | 0/3 | 0/4 |
| Boots | 0/3 | **1/5** | **1/4** | 0/5 | **2/4** | 0/3 | 0/4 | 0/5 | 0/4 | 0/5 | 0/5 | 0/5 | 0/4 | 0/3 | 0/5 | **1/5** | 0/5 | 0/5 | 0/6 | 0/4 |
| Floor HB\* - poultry house | 0/3 | 0/5 | **1/4** | 0/5 | **1/4** | 0/3 | 0/4 | 0/5 | 0/4 | 0/5 | 0/5 | 0/5 | 0/4 | 0/3 | 0/5 | **1/5** | 0/5 | 0/5 | 0/5 | 0/4 |
| Floor HB\* - outside | 0/3 | 0/5 | 0/4 | 0/5 | 0/4 | 0/3 | 0/4 | 0/5 | 0/4 | 0/5 | 0/5 | 0/5 | 0/4 | 0/3 | 0/5 | **1/5** | 0/5 | 0/5 | 0/5 | 0/4 |
| Sink | 0/3 | 0/5 | 0/4 | 0/5 | 0/4 | 0/3 | 0/4 | 0/5 | 0/4 | 0/5 | 0/5 | 0/5 | 0/4 | 0/3 | 0/5 | 0/5 | 0/5 | 0/5 | 0/5 | 0/4 |
| Wheelbarrow | n.d. | n.d. | n.d. | n.d. | 0/3 | n.d. | n.d. | n.d. | n.d. | n.d. | 0/5 | 0/1 | n.d. | n.d. | 0/1 | 0/1 | n.d. | n.d. | n.d. | n.d. |
| Door handle poultry house | 0/3 | 0/5 | 0/4 | 0/5 | 0/4 | 0/3 | 0/4 | 0/5 | 0/4 | 0/5 | 0/5 | 0/5 | 0/4 | 0/3 | 0/5 | **1/5** | 0/5 | 0/5 | 0/5 | 0/4 |
| Door handle outside door | 0/3 | 0/5 | 0/4 | 0/5 | 0/4 | 0/3 | 0/4 | 0/5 | 0/4 | 0/5 | 0/5 | 0/5 | 0/4 | 0/3 | 0/5 | 0/5 | 0/5 | 0/5 | 0/5 | 0/4 |
| Boot dip | n.d. | n.d. | 0/3 | 0/5 | 0/3 | 0/3 | 0/4 | 0/4 | 0/5 | 0/8 | 0/5 | 0/4 | n.d. | 0/1 | n.d. | n.d. | n.d. | n.d. | n.d. | 0/1 |
| **Inside environment** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Drinking nipples2 | 0/12 | 0/20 | 0/16 | 0/20 | 0/16 | 0/12 | 0/16 | 0/20 | 0/16 | 0/20 | n.d. | n.d. | 0/16 | 0/12 | 0/29 | **1/30** | 0/20 | 0/20 | 0/20 | 0/16 |
| Drinking bowl2 | **1/12** | **2/20** | 0/16 | 0/20 | **4/16** | 0/12 | 0/16 | **1/20** | 0/16 | 0/20 | 0/20 | 0/20 | 0/16 | 0/12 | 0/29 | **3/30** | 0/20 | 0/20 | 0/20 | 0/16 |
| Flies3 | 0/2 | 0/1 | n.d. | n.d. | 0/2 | n.d. | n.d. | 0/1 | 0/1 | n.d. | 0/2 | n.d. | 0/2 | n.d. | n.d. | n.d. | 0/3 | n.d. | 0/1 | n.d. |
| Beetles3 | 0/1 | 0/1 | n.d. | 0/1 | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | 0/1 | n.d. | n.d. | 0/1 | 0/1 | 0/1 | 0/1 | n.d. | 0/1 | 0/1 |
| **Outside environment** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Puddles3 | **1/3** | 0/1 | 0/1 | 0/2 | n.d. | 0/2 | 0/2 | 0/2 | n.d. | 0/3 | 0/1 | 0/5 | n.d. | 0/1 | n.d. | 0/7 | n.d. | 0/8 | 0/1 | 0/7 |
| Carcass container1 | 0/3 | 0/5 | **2/4** | 0/5 | **1/4** | 0/4 | 0/4 | 0/5 | 0/4 | 0/5 | 0/5 | 0/5 | 0/4 | 0/1 | 0/5 | 0/5 | 0/5 | 0/5 | 0/5 | **1/4** |
| Bird droppings3 | n.d. | n.d. | **1/1** | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | 0/2 | 0/1 | n.d. |
| **Farm animals1** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cows | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | **4/5** | **1/5** | **3/4** | 0/3 | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. |
| Swine | **3/3** | **4/5** | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | **4/4** | **5/5** | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | n.d. | **5/5** | **4/4** |
| **Air2** | **1/12** | **4/20** | **2/16** | 0/16 | **2/16** | 0/12 | 0/16 | 0/20 | n.d. | n.d. | 0/20 | 0/16 | 0/16 | **1/12** | 0/20 | 0/20 | 0/20 | 0/20 | 0/20 | 0/16 |
| **Broiler flock status4** | **+** | **+** | **+** | **-** | **+** | **-** | **-** | **+** | **-** | **-** | **-** | **-** | **-** | **+** | **-** | **+** | **-** | **-** | **-** | **-** |
| **Log cfu/g** | **5** | **5** | **6** |  | **6** |  |  | **5** |  |  |  |  |  | **5** |  | **5** |  |  |  |  |
| Positive samples / total number of pooled samples **(if bold, at least one sample positive**)  1 One pool taken on weekly basis - 2 Four pools taken on weekly basis - 3 One pool, taken when present - 4 Status had been examined on a weekly basis with a maximum of six weeks in case the flock remained negative - \*HB=hygiene barrier | | | | | | | | | | | | | | | | | | | | |