

Veterinary Diagnostic Laboratory

Iowa State University
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Supplemental Report
Report Date: 7/31/2009

Dr. Not Identified
Decoster Farms of Iowa
PO Box 342

Owner: DeCoster Farms
P.O. Box 342
Clarion, IA 50525

Clarion, IA 50525

Reference: Layer 2-7, 3-13, 3-17 & 4-4
Diagnostician: (b) (7)(C)

Client Phone: (b) (7)(C)	Species: Avian	Age: 58 Weeks
Client Fax: 1	Breed: Chicken	Weight: NA
Client Account: [REDACTED]	Sex: NA	Received:
Date Received: 6/25/2009	Previous Case:	32 environmental sponges
Preliminary Report: 7/9/2009		

Bacteriology:

Environmental sponges were submitted for Salmonella culture by primary and delayed enrichment. See results below. Salmonella was isolated including serogroups B, C1, C2, D, potentially *Salmonella enteritidis*, and polyvalent. The serogroups D and polyvalent isolates have been sent to NVSL for final speciation and you will receive those results in a supplemental report. The serogroups B, C1 and C2 isolates were saved in the lab. Please call if you have any questions. (7/10/09 tsf/na)

SUPPLEMENTAL REPORT

The *Salmonella* sp. isolates were forwarded to NVSL for serotyping. The isolates were identified as *Salmonella enteritidis*, *Salmonella mbandaka* and *Salmonella heidelberg*. (07/31/09 mf)

KEY: Tests: IHC=Immunohistochemistry, FA=Fluorescent Antibody, VI=Virus Isolation, PCR=Polymerase Chain Reaction, EM=Electron Microscopy. Agents: PRRSV=Porcine Reproductive & Respiratory Syndrome, SIV=Swine Influenza Virus, PCV=Porcine Circovirus, M hyo=*Mycoplasma hyopneumoniae*, PRV=Pseudorabies Virus, TGEV=Transmissible Gastroenteritis Virus, PPV=Porcine Parvovirus, PRCV=Porcine Respiratory Coronavirus, IBRV=Infectious Bovine Rhinotracheitis Virus, BVDV=Bovine Viral Diarrhea Virus, BRSV=Bovine Respiratory Syncytial Virus, BCV=Bovine Coronavirus.

Test Ordered	Laboratory Result(s) Order Date	Current Status	Complete Date
Poultry - Salmonella Environmental Negative	7/9/2009	Result Released	7/9/2009
Salmonella Identification (NVSL)	7/31/2009	Result Released	7/31/2009
Poultry - Salmonella Environmental Positive	7/9/2009	Result Released	7/9/2009
Poultry - Salmonella Environmental Suspicious	7/9/2009	Result Released	7/9/2009

Bacteriology

Poultry - Salmonella Environmental Negative

Animal ID	Specimen	Result
3-Lyr 2-7 EggBelt 1 Rw	Environmental	Salmonella negative
1		
7-Lyr 2-7 EggBelt 1 Rw	Environmental	Salmonella negative
5		
8-Lyr 2-7 EggBelt 1 Rw	Environmental	Salmonella negative
6		
1-Lyr 3-13 EggBelt 1	Environmental	Salmonella negative
Rw 2		

13-Lyr 3-13 EggBelt 1 Rw 3	Environmental	Salmonella negative
14-Lyr 3-13 EggBelt 1 Rw 4	Environmental	Salmonella negative
19-Lyr 3-17 EggBelt 1	Environmental	Salmonella negative
20-Lyr 3-17 EggBelt 2	Environmental	Salmonella negative
21-Lyr 3-17 EggBelt 3	Environmental	Salmonella negative
22-Lyr 3-17 EggBelt 4	Environmental	Salmonella negative
27-Lyr 4-4 EggBelt 1	Environmental	Salmonella negative
28-Lyr 4-4 EggBelt 2	Environmental	Salmonella negative
29-Lyr 4-4 EggBelt 3	Environmental	Salmonella negative
30-Lyr 4-4 EggBelt 4	Environmental	Salmonella negative
31-Lyr 4-4 EggBelt 5	Environmental	Salmonella negative
32-Lyr 4-4 EggBelt 6	Environmental	Salmonella negative

Poultry - Salmonella Environmental Positive

<u>Animal Id</u>	<u>Specimen</u>	<u>Result</u>
1-Lyr 2-7 Pit Row 2	Environmental	Salmonella species group B
1-Lyr 2-7 Pit Row 2	Environmental	Salmonella species group C1
2-Lyr 2-7 Pit Row 4	Environmental	Salmonella species group D
2-Lyr 2-7 Pit Row 4	Environmental	Salmonella species group Poly
4-Lyr 2-7 EggBelt 1 Rw 2	Environmental	Salmonella species group B
5-Lyr <u>2-7</u> EggBelt 1 Rw 3	Environmental	Salmonella species group D
6-Lyr 2-7 EggBelt 1 Rw 4	Environmental	Salmonella species group B
10-Lyr 3-13 Pit Row 4	Environmental	Salmonella species group C2
11-Lyr 3-13 EggBelt 1 Rw 1	Environmental	Salmonella species group D
15-Lyr 3-13 EggBelt 1 Rw 5	Environmental	Salmonella species group D
16-Lyr 3-13 EggBelt 1 Rw 6	Environmental	Salmonella species group D
17-Lyr 3-17 Pit Row 2	Environmental	Salmonella species group B
18-Lyr 3-17 Pit Row 4	Environmental	Salmonella species group B
18-Lyr 3-17 Pit Row 4	Environmental	Salmonella species group D
23-Lyr <u>3-17</u> EggBelt 5	Environmental	Salmonella species group D
23-Lyr <u>3-17</u> EggBelt 5	Environmental	Salmonella species group B
24-Lyr 3-17 EggBelt 6	Environmental	Salmonella species group D
25-Lyr 4-4 Pit Row 2	Environmental	Salmonella species group C2

Poultry - Salmonella Environmental Suspicious

<u>Animal ID</u>	<u>Specimen</u>	<u>Result</u>
9-Lyr 3-13 Pit Row 2	Environmental	Salmonella negative
26-Lyr 4-4 Pit Row 4	Environmental	Salmonella negative