Preliminary NVSL testing on samples from MNAIW11-18 indicate this flock was infected with an H1N2 virus of swine lineage.

Information below this point is from the Suspect Disease Alert sent November 16, 2018.

**CONFIDENTIAL - INTERNAL DISTRIBUTION ONLY**

**Influenza Suspect Disease Alert**

Testing conducted on samples from a Minnesota poultry flock indicate exposure to influenza virus. These results are based on screening tests as part of the State's continued surveillance efforts to detect poultry diseases. The Minnesota Board of Animal Health will release more information after the National Veterinary Service Laboratory finishes confirmatory testing

**Alert Level:** WARNING

**MNAIW11-18 – BROWN COUNTY**

- Flock is located in Brown County, MAPP Code = 08LIND18A
- Multi-age premises; 20 week old commercial turkey toms (flock size 19,300)
- No illness or mortality is present
Tracheal swab samples collected and submitted on November 15, 2018 were AI Matrix positive in 2 of the 8 samples submitted (CT 25-26). **All samples were H5 and H7 NEGATIVE!** See explanation of molecular testing below.

Routine, pre-market samples were submitted to the MPTL on 11/8/18 and were negative on AGID. Additional serum samples were tested by ELISA on 11/16/18 and were negative. See explanation of serologic testing below.

Samples are being submitted to the National Veterinary Services Laboratory (NVSL) in Ames, IA for confirmation. Results expected in 5-7 days.

Please remember to be vigilant with your biosecurity and help keep Minnesota’s poultry healthy. Contact your veterinarian if you suspect any diseases or illnesses in your flock.

**ALERT LEVEL DESIGNATION**

**WATCH**

- Serology positive flock, no clinical signs consistent with HPAI.
- Virus detected, no clinical signs consistent with HPAI.
- Virus detected, clinical signs consistent with HPAI, or H5 or H7 positive test results.

**WARNING**

Testing information:

- Serologic testing (AGID or ELISA) is a diagnostic tool that looks for the presence of antibodies in the blood. The detection of antibodies are an indication that the bird has been exposed to a disease agent and its body produced antibodies in response to a virus/bacteria. It does not indicate whether or not the disease causing agent is still present within the flock.

- Molecular testing (PCR) is a diagnostic tool that looks for the presence of the disease agent (virus or bacteria) in the bird. Positive influenza results indicate that the bird is infected and shedding virus.

- Testing at the MPTL or Veterinary Diagnostic Laboratory (VDL) are to be interpreted as preliminary results and require confirmation at the National Veterinary Services Laboratory (NVSL).

If there are any questions or concerns please contact your veterinarian or the MPTL at 320-231-5170. Having trouble viewing this email? [View it as a Web page].