March 17, 2017

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AVIAN INFLUENZA CONFIRMATION 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 and alert the poultry industry with the cooperation of Minnesota’s poultry industry. The Minnesota Board of Animal Health will release more information after the National Veterinary Service Laboratory finishes confirmatory testing.

<table>
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<tr>
<th>Risk Level:</th>
<th>High Risk</th>
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MNAIW02-17 – SWIFT COUNTY

UPDATE (3/17/17): H1N1 virus was detected on the PCR test at NVSL; virus isolation pending

a) No illness or mortality is present
b) Flock is located in Swift County, MAPP Code = 76PILL03A
c) 24 week old commercial breeder hens (flock size 18,000)
d) Surveillance samples were submitted to the MPTL on March 10, 2017
e) 1 of the 2 samples were PCR Matrix Positive (Ct 28.7) and H5/H7 Negative (see explanation of testing below)
f) Samples are being submitted to the National Veterinary Services Laboratory (NVSL) in Ames, IA for confirmation. Results expected in 3-5 days.
g) Please remember to be vigilant with your biosecurity and help keep Minnesota’s poultry healthy. Find the latest on biosecurity plans and actions you can take to protect the birds at the USDA’s Defend the Flock website: http://www.aphis.usda.gov/animalhealth/defendtheflock

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<th>RISK LEVEL DESIGNATION</th>
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<tbody>
<tr>
<td>Elevated Risk</td>
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<tr>
<td>High Risk</td>
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<td>Critical Risk</td>
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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 Dr. Shauna Voss at 651-247-0255 or Dr. Dale Lauer at 612-756-2813.

In accordance with the Americans with Disabilities Act, this information is available in alternative formats of communication upon request by calling 651-296-2942. TTY users can call the Minnesota Relay Service at 711 or 1-800-627-3529. The Board of Animal Health is an equal opportunity employer and provider.