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# Highly Pathogenic Avian Influenza (HPAI) H5N1 Detections in Alpacas

Last Modified:

The National Veterinary Services Laboratories (NVSL) confirmed the detection of Highly Pathogenic Avian Influenza (HPAI) H5N1 in alpacas from a premises where HPAI-affected poultry were depopulated in May 2024. While this HPAI confirmation is not unexpected due to the previous HPAI detection on the premises, the high amount of virus in the environment, and co-mingling of multiple livestock species on-farm, it is the first HPAI detection in alpacas.

NVSL has confirmed that the viral genome sequence for these samples is the same sequence currently circulating in dairy cattle (B3.13), which is consistent with sequences from the depopulated poultry on this premises. (NVSL PCR confirmation was completed on May 16. APHIS reported the confirmation to the World Organisation for Animal Health and on the HPAI livestock website upon completion of additional gene sequencing, per APHIS policy for disease detections in new species.)

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