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**Testimony of Doug Goehring
Agriculture Commissioner
House Appropriations Committee
Brynhild Haugland Room
February 1, 2023**

Chairman Vigesaa, and members of the House Appropriations Committee, I am Agriculture Commissioner Doug Goehring and I'm here today in support of House Bill 1519 which would develop UAS grant program.

The grant could be used support further use of UAS work on weed and pathogen identification, detection, and treatment allowing for spot application of pesticides to treat pest, pathogens, and invasive weeds. It could as well monitor crop stress including water and nutrient deficiency in crops through out the season. In the animal agriculture, UAS could track grazing patterns, resource condition, rangeland capacity, predatory activity, and livestock condition and health. As well as inspecting difficult remote or challenging livestock terrain. Additionally, there is potential opportunities to support an imaging library that further refines algorithms that may further other uses and technologies.

Chairman Vigesaa, and committee members, thank you for your time and I'd be happy to answer any questions you may have.