

MD OF RANCHLAND AG BULLETIN

News, updates, and information for our community.



DISEASE TRANSMISSION FROM WILDLIFE TO LIVESTOCK

In Alberta, disease transmission from wildlife to livestock is a significant concern, particularly in the foothills of the southwestern part of the province where wild elk and cattle often intermingle. This interaction increases the potential for diseases such as anthrax, bovine tuberculosis, and brucellosis to spread between wildlife and livestock.

Shared habitats, human activities, and pathogen adaptation are key factors in disease transmission. Wildlife and livestock sharing the same environment, agricultural practices, and urban expansion bring these species into closer contact, and some pathogens can adapt to new hosts, making it easier for diseases to jump from wildlife to livestock.

Preventive measures include regular monitoring and surveillance of wildlife and livestock, implementing strict biosecurity practices on farms, and managing livestock to minimize contact with wildlife. Ongoing research at the University of Alberta focuses on understanding disease transmission dynamics and developing rapid response strategies.

By adopting these measures and continuing research efforts, Alberta can better manage the risk of disease transmission from wildlife to livestock, ensuring the health and productivity of its agricultural systems.

To discuss further, please contact Erika at ag3@ranchland66.com or 403-646-3131.

Source(s): 1) <https://www.ualberta.ca/en/science/news/2020/february/wildlife-livestock-disease.html>

2) <https://www.sciencedaily.com/releases/2020/02/200213091212.htm>

GRANT TO APPLY FOR

https://westonfoundation.ca/grant_call/2025-grasslands/

2025 Weston Family Prairie Grasslands Initiative

Recognizing the critical role of Canada's Prairie Grasslands in supporting the ecological, social, economic and cultural well-being of people across the country, the Weston Family Prairie Grasslands Initiative will protect the biodiversity of one of Canada's most ecologically valuable and threatened ecosystems. This initiative is centered on securing the long-term protection of biodiversity in Canada's Prairie grasslands through (i) stewardship, (ii) economic viability and (iii) training.

Contact Erika at 403-646-3131 or ag3@ranchland66.com with any questions.

WEED TO WATCH

Hound's Tongue






Cynoglossum officinale

ID characteristics: Hound's tongue flowers are small, reddish-purple, have 5 petals and arranged in clusters. The leaves are rough, hairy, and have a tongue-like shape. They are dark green and up to 30cm long. The seeds are barbed and the stem is erect, hairy, and can grow up to 1.2 meters tall.



Source: <https://abinvasives.ca/fact-sheet/hounds-tongue/>

Find us online!

-  MD of Ranchland Ag
-  @mdofranchlandag
-  @mdofranchlandag
-  @mdofranchlandag
-  <https://mdranchland.ca/>

If you would like to contribute to this bulletin by writing an article, submitting a photo to be featured, recommending an organization, noxious weed, or grant, or any other suggestions, please send an email to ag3@ranchland66.com with the subject line "Bulletin". Thanks for reading and I look forward to your feedback!

ORGANIZATION HIGHLIGHT

Alberta Ecotrust

<https://albertaecotrust.com/>

Alberta Ecotrust Foundation is a charity dedicated to supporting and driving environmental and climate action projects in Alberta. They provide funding and resources for initiatives that aim to reduce emissions, promote climate resilience, and implement nature-based solutions. Alberta Ecotrust collaborates with various partners, including nonprofits, businesses, and governments, to create a healthier environment for all Albertans

