



Saskatchewan
Prairie Conservation
Action Plan

Native Prairie Speaker Series

In Mankota, SK

Does Native Prairie React in Different ways to Seasonal Bison Grazing? Results Suggest so!



Join us for a FREE Pizza and Presentation Evening!

Wednesday December 3rd, 2025

630pm: Pizza, 7:00pm: Presentation

Speaker: Mickenzie Plemel, Recent Masters Graduate, Royal Roads University

At the Grasslands Inn, in Mankota, SK

This presentation is FREE! Everyone welcome!
More Information: SK PCAP at 306.352.0472 or pcap@sasktel.net

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Native Prairie Speaker Series *Webinar*

Speaker: Mickenzie Plemel, Recent Masters Graduate, Royal Roads University

About this Presentation:

As one of the most endangered ecosystems, any remaining grasslands are very important to protect. Bison are known to play a key role in the grassland ecosystem, but we don't fully understand how native plants react to bison grazing in different seasons. This study focused on native grasslands in Saskatchewan and compared plant communities in areas grazed by bison during the growing season, the dormant season, and areas not grazed at all. The study focused on plant diversity, evenness, richness, and bare ground cover. The results found clear differences in plant community responses between the grazing regimes — Specifically that diversity, evenness, and bare ground cover were all higher when bison grazed during the dormant season.

About the Speaker:

Mick is a native prairie enthusiast who has had the pleasure of working in grassland conservation, restoration, and land use management for NGOs, private industry, and the federal government. While she loves working on grassland focused projects, riding through the prairie horseback is one of her most favourite ways to enjoy the prairie landscape.

PCAP's Native Prairie Speaker Series is a monthly presentation about prairie conservation or species at risk.

Hosted by: Saskatchewan Prairie Conservation Action Plan