RM 3 Enniskillen
Glen Ewen, SK

About the Location

- Located in the SE corner of Saskatchewan by Glen Ewen. The land was originally owned by Nellie Adams, a valuable member of the community. The RM purchased this land for gravel mining purposes, but saw a benefit to using the site as a place of learning and research.
- The eco system is predominantly perennial grassland pastures with a small strip of woodland.

Goals for Grazing

The lessee of the pasture will be encouraged to take the AGS course and will have to submit a grazing plan to the council to be accepted. The lessee will commit to sustainable practices to ensure the land is managed to its full extent.

Rotational Grazing Project

A grazing plan was developed and perimeter and cross fencing put in to create 30 paddocks. A Razer Grazer was purchased to further cross-fence the paddocks.

2025 Updates

2025 was a great year to run baseline testing. We conducted the following:

- Holistic Management Canada performed an EOV (Ecological Outcome Verification). This will be repeated in five years and ten years.
- Broken Arrow Consulting took to the skies and performed drone mapping and compiled satellite data
- Saskatchewan Ministry of Agriculture performed a Rangehealth Assessment on the site

Check out more info here!
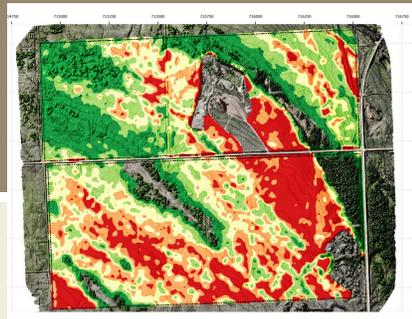
Holistic Management Canada

An **EOV** was conducted on June 18, 2025, where **short-term (STM) and long-term monitoring (LTM)** were conducted on **10 sites**

- The Shannon Weiner index is **Low**
- Species Richness is **High**
- Water Infiltration Rate is **High**
- Average Total Organic Carbon from the LTM site was **221.5 ppm** (100-300 is ideal)
- Microbially Active Carbon is **103.6%** where 50-75% is ideal. Meaning the microbes are hungry and ready to work!

Ecological Health Index

-25   **-3.75**   15

min score -140 max score 110

Broken Arrow Consulting
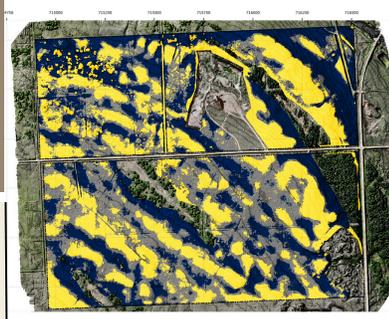
Topographic Position Index (TPI)

Aggregrate Productivity Multi Year

Jesse Lawrence took grazing to new heights—literally!
Using drone and satellite imagery, he's able to measure forage and even design paddocks for better grazing. Mapping capabilities include:

- NDVI
- Topographic Position Index
- Aggregate Productivity (Multi Year)

Check out his interactive website here! →

What is AGS?

An advanced grazing system (AGS) uses rotational grazing practices adapted to the landscape.

AGS can help livestock producers by:
- Extending their grazing period
- Increasing the yield of pastures
- Improving the forage quality
- Reducing weed pressure
- Improving nutrient cycling
- Helping to build soil resiliency

Why a Grazing plan?

A grazing plan is an important part of your business, tailored to your own unique farm operation. A well thought-out plan takes the guesswork out of resource and livestock management decisions.

Developing a Grazing Plan

There are Mentors across the province and funding to help! Follow the QR code or visit canadianfga.ca for more details.

Canadian Forage & Grassland Association
Association Canadienne pour les Plantes Fourragères

Agriculture and Agri-Food Canada

Agriculture et Agroalimentaire Canada