


*DIGSS member explaining the applications of soil classification at Ag in Motion*

## About the Guide

Have you ever struggled to find soil and management information that's relevant to your specific region, soil type, or goals? Same here.

That's why we are developing a soil interpretation guide to help make sense of soil data in a way that is specific to your own context:

- Understanding soil properties
- Interpreting soil analyses
- Common soil health questions
- Soil challenges and management strategies

This guide will be tailored to a variety of users, including:

- Growers
- Ranchers
- Land Managers
- Agronomists
- Consultants
- Environmental Technicians

## About Us

With support from several partners, we are collaborating with a group of enthusiastic soil scientists who are committed to translating research into practice and developing extension materials to support soil science literacy and management!

## Contact Us

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DIGSS
Data-driven Innovations with Geospatial Soil Science @ USask

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## Funders

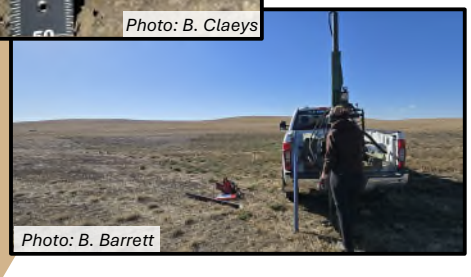
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# COMING SOON!

## Prairie Soil Interpretation Guide





*Soil core collected for chemical analysis*

## The Vision

Currently there are so many wonderful resources across the internet, but it becomes overwhelming and tricky to navigate all the options.

Our objective is to compile all the relevant research in one trusted and easily accessible place.

Information will be added to the Soils of Saskatchewan website. This will be a living project, with new content rolled out as it is developed, starting in Fall 2026.

**Check out our progress at www.soilsofsask.ca**

SOILS of Saskatchewan

## Interpretation Guide Topics Include:

### Soil challenges

- Salinity
- Erosion
- Compaction

### Management strategies

- Perennial conversion
- Drainage
- Soil amendments

### Interpreting soil analyses

- pH
- Electrical conductivity
- Soil organic carbon

### Soil and land assessments

- Soil classification
- Agricultural land capability
- Land use planning

## Soil Health Rating

Soil health indicators are useful ways to determine the status of soil and how it changes over time with management. However, not all healthy soils look the same, so we need region-specific soil health ratings to capture the variability.

We are collecting samples from across the Prairies in 2026-2027 to supplement existing soil health ratings by considering soil zones, parent materials, and soil textures. These revised scales will be developed for biological, chemical and physical soil properties to tell us about the status of soil health.



*Sampling saline soils with a hydraulic punch truck*