

APPENDIX D – DEPARTMENT OF AGRICULTURE MAPS

Manitoba AgrIMaps



0 0.25 0.5 0.75 1 Kms
 1:18,056 15/03/2021
 WGS 1984 Web Mercator Auxiliary Sphere

Manitoba Agriculture makes every effort to ensure that soil survey data and interpretations are accurate, verified, and up-to-date. However, as data is continuously updated, sorted and verified, future updates may contain additional information.



AgrIMaps: Soils Viewer for Agriculture

Soil Series Air Photo Texture Texture Group Agricultural Capability Agricultural Capability Groups

Irrigation Suitability

A groups identify soils that require similar kinds of practices to achieve acceptable performance for a soil use. Agricultural management groups have been developed in Manitoba that group soils based on their agricultural capability (class and limitation) into various programs such as Environmental Farm Plans (Section A) and into different Acts and Regulations.

- Group 1**
 - Class 1
 - Class 2
 - Class 3 - except for 3M & 3M combinations
- Group 2**
 - Class 3M & 3M combinations

Potato Irrigation Suitability

Dryland Agricultural Cap Groupings

Colour on map represents

- Soil 1 (100%): Group 1
- Soil 2 (0%):
- Soil 3 (0%):

Group 1 Ag Cap Class 1
Ag Cap Class 2
Ag Cap Class 3 (e and 3M combinati

Group 2 Ag Cap Class 3M : combinations
Ag Cap Class 4

1/1

AgriMaps: Soils Viewer for Agriculture

Soil Series Air Photo Texture Texture Group Agricultural Capability Agricultural Capability Groups

T Irrigation Suitability
The capability of the dominant soil within each polygon. The map labels identify the capability and subclass limitation for each soil within the polygon.

Click on a polygon for further information.

For more information:
[Dryland Agricultural Capability](#)

Reconnaissance soils have yellow outlines on the map.

- Dryland Agricultural Capability
- Detailed Soil Survey Data
- Dryland Agricultural Capability



AgrMaps: Soils Viewer for Agriculture

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S Irrigation Suitability

relative proportion of sand, silt and clay particles.

Sand: 2.0 - 0.05 mm in diameter (coarse material) – referred to as “light” soils, since they are easily tilled (not because of the soil’s weight).

Silt: 0.05 - 0.002 mm (medium material).

Clay: <0.002 mm (fine material) – referred to as “heavy” soils, because of their difficult workability.

Loams are medium textured soils made up of a mixture of sand, silt and clay.

Click on a polygon for further information.

For more information:

Potato Irrigation Suitability

Surface Texture

Colour on map represents Soil 1.

Soil 1 (100%): Clay

Soil 2 (0%):

Soil 3 (0%):

Description

AgriMaps: Soils Viewer for Agriculture

Soil Series Air Photo Texture Texture Group Agricultural Capability Agricultural Capability Groups

Irrigation Suitability
Potato Irrigation Suitability
categories of soil based on particle size.

Texture group	Texture Class
Very fine	Very fine sand
Fine	Fine sand
Medium fine	Medium sand
Medium	Medium sand
Coarse	Coarse sand
Very coarse	Very coarse sand
Very fine silt	Very fine silt
Fine silt	Fine silt
Medium silt	Medium silt
Coarse silt	Coarse silt
Very coarse silt	Very coarse silt
Very fine clay	Very fine clay
Fine clay	Fine clay
Medium clay	Medium clay
Coarse clay	Coarse clay
Very coarse clay	Very coarse clay
Very fine silty clay	Very fine silty clay
Fine silty clay	Fine silty clay
Medium silty clay	Medium silty clay
Coarse silty clay	Coarse silty clay
Very coarse silty clay	Very coarse silty clay
Very fine silty clay with sand	Very fine silty clay with sand
Fine silty clay with sand	Fine silty clay with sand
Medium silty clay with sand	Medium silty clay with sand
Coarse silty clay with sand	Coarse silty clay with sand
Very coarse silty clay with sand	Very coarse silty clay with sand
Very fine sandy clay	Very fine sandy clay
Fine sandy clay	Fine sandy clay
Medium sandy clay	Medium sandy clay
Coarse sandy clay	Coarse sandy clay
Very coarse sandy clay	Very coarse sandy clay
Very fine sandy clay with silty clay	Very fine sandy clay with silty clay
Fine sandy clay with silty clay	Fine sandy clay with silty clay
Medium sandy clay with silty clay	Medium sandy clay with silty clay
Coarse sandy clay with silty clay	Coarse sandy clay with silty clay
Very coarse sandy clay with silty clay	Very coarse sandy clay with silty clay
Very fine silty clay with sand and clay	Very fine silty clay with sand and clay
Fine silty clay with sand and clay	Fine silty clay with sand and clay
Medium silty clay with sand and clay	Medium silty clay with sand and clay
Coarse silty clay with sand and clay	Coarse silty clay with sand and clay
Very coarse silty clay with sand and clay	Very coarse silty clay with sand and clay
Very fine silty clay with sand and silty clay	Very fine silty clay with sand and silty clay
Fine silty clay with sand and silty clay	Fine silty clay with sand and silty clay
Medium silty clay with sand and silty clay	Medium silty clay with sand and silty clay
Coarse silty clay with sand and silty clay	Coarse silty clay with sand and silty clay
Very coarse silty clay with sand and silty clay	Very coarse silty clay with sand and silty clay
Very fine silty clay with sand and silty clay and sand	Very fine silty clay with sand and silty clay and sand
Fine silty clay with sand and silty clay and sand	Fine silty clay with sand and silty clay and sand
Medium silty clay with sand and silty clay and sand	Medium silty clay with sand and silty clay and sand
Coarse silty clay with sand and silty clay and sand	Coarse silty clay with sand and silty clay and sand
Very coarse silty clay with sand and silty clay and sand	Very coarse silty clay with sand and silty clay and sand

Click on a polygon for further information.
Reconnaissance soils have yellow outlines on the map.

Texture Group

