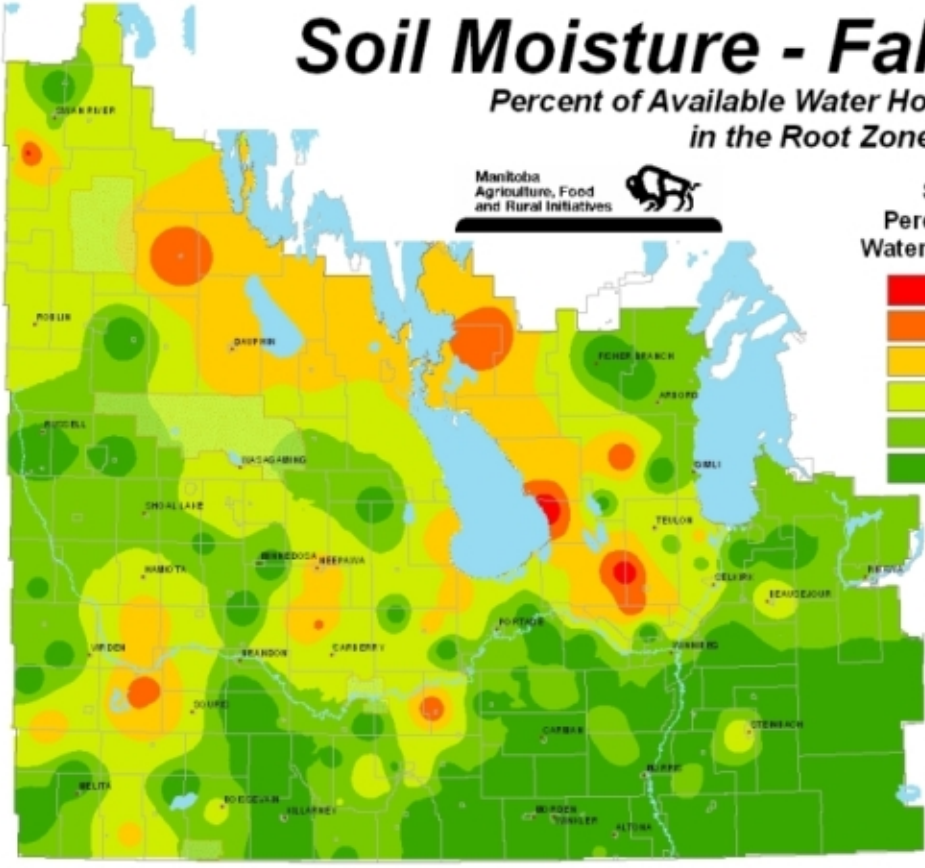
Soil Moisture - Fall 2005

Percent of Available Water Holding Capacity in the Root Zone (0 to 120 cm)

October 31, 2005 V3.0

Manitoba Agriculture, Food and Rural Initiatives



Soil Moisture Percent of Available Water-Holding Capacity

- Less than 20%
- 21% - 40%
- 41% - 60%
- 61% - 80%
- 81% - 90%
- 91% - 100%

The colours on this map represent measured soil moisture values from soil samples collected at 122 sites across Manitoba. The sampling sites were chosen based on locations whose soils best represent the surrounding areas. Soil properties such as bulk density, field capacity, and wilting point were estimated for each soil based on their physical characteristics.

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