

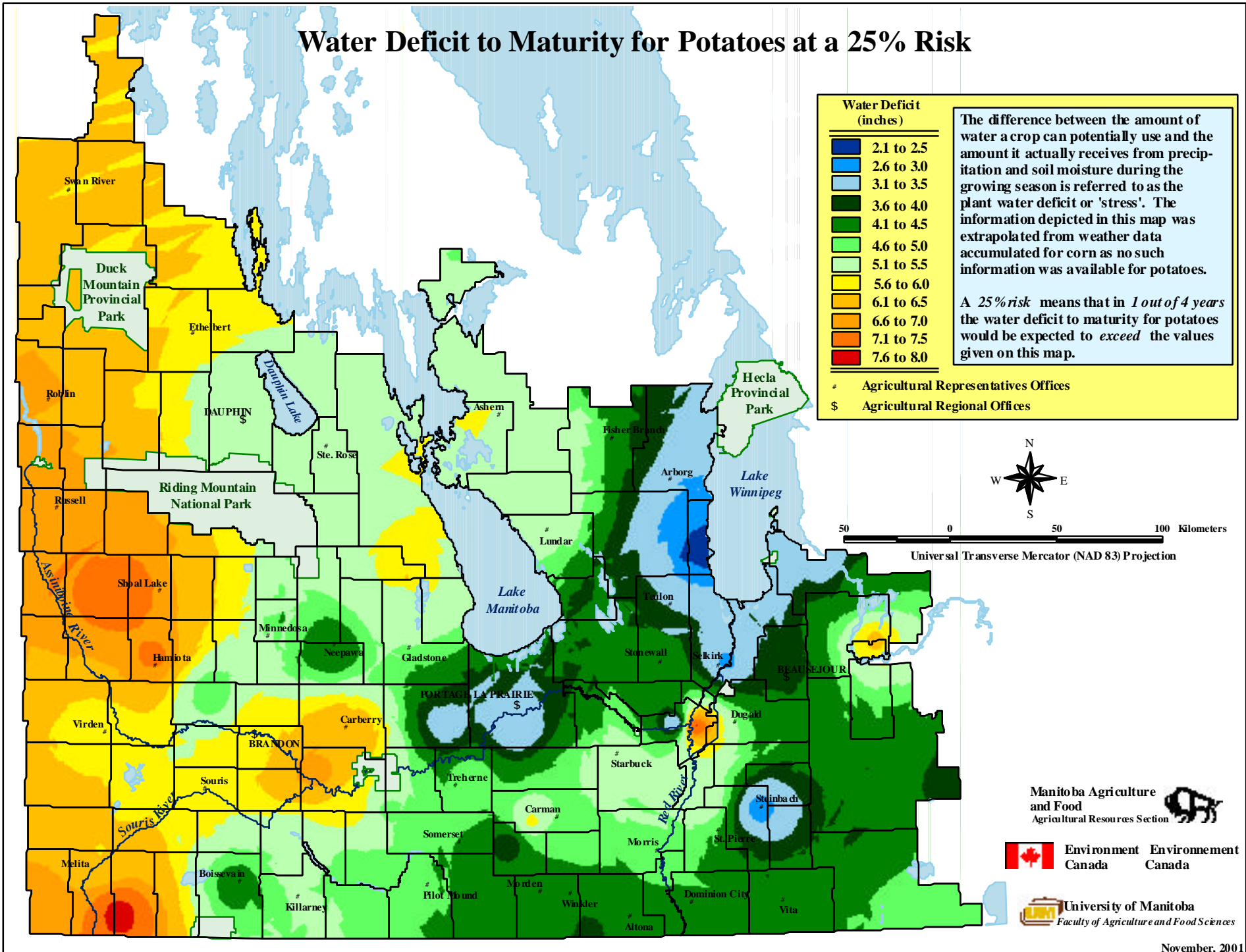
Water Deficit to Maturity for Potatoes at a 25% Risk

Water Deficit (inches)	
	2.1 to 2.5
	2.6 to 3.0
	3.1 to 3.5
	3.6 to 4.0
	4.1 to 4.5
	4.6 to 5.0
	5.1 to 5.5
	5.6 to 6.0
	6.1 to 6.5
	6.6 to 7.0
	7.1 to 7.5
	7.6 to 8.0

The difference between the amount of water a crop can potentially use and the amount it actually receives from precipitation and soil moisture during the growing season is referred to as the plant water deficit or 'stress'. The information depicted in this map was extrapolated from weather data accumulated for corn as no such information was available for potatoes.

A 25% risk means that in 1 out of 4 years the water deficit to maturity for potatoes would be expected to exceed the values given on this map.

Agricultural Representatives Offices
\$ Agricultural Regional Offices



50 0 50 100 Kilometers

Universal Transverse Mercator (NAD 83) Projection

Manitoba Agriculture and Food
Agricultural Resources Section

Environment Canada / Environnement Canada

University of Manitoba
Faculty of Agriculture and Food Sciences