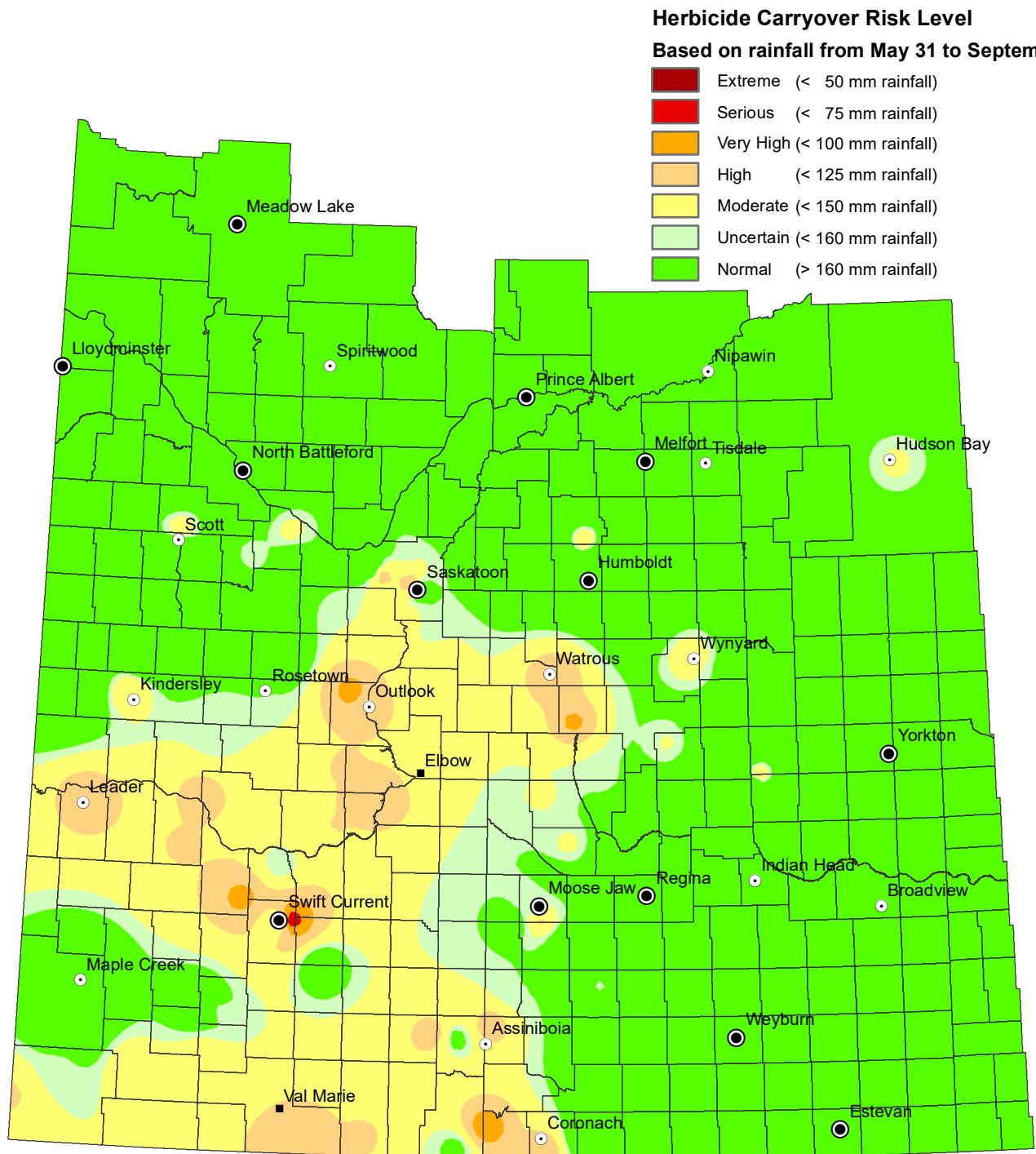


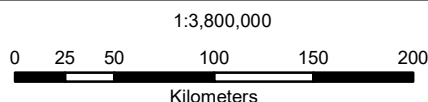
# Risk of Greater than Expected Herbicide Carryover



In season rainfall following the application of a residual herbicide is the most important factor in the breakdown of herbicides in the soil. Less than normal rainfall can result in residual herbicides remaining in the soil at higher levels than expected and increase the potential for herbicide injury to more sensitive crops registered for planting the following year(s). Check the Guide to Crop Protection for a list of residual herbicides and always read the label for specific recropping instructions.

Producers in the normal risk areas should follow label directions to determine what crops they may plant following the application of a residual herbicide, but may still have localized areas that are susceptible to extended carryover due to low in season rainfall. Producers in the extreme, very high risk and high risk areas that applied a residual herbicide in previous years requiring restrictive cropping practices in the present year should contact the manufacturer of that residual herbicide for rotational crops supported by that company. Producers in the moderate risk areas that also have low organic matter or have soil pH less than 6.5 or greater than 7.5 should also contact the manufacturer of the residual herbicide used previously.

It is important to have rainfall records for each field in order to determine localized risk and follow label.



Projection: UTM Zone 13 Datum: NAD83



Data Source:  
 Weather Station and Precipitation data - Saskatchewan Ministry of Environment (Wildfire Management Branch), CoCoRHaS, Manitoba Agriculture and Environment Canada  
 Precipitation data compiled and quality controlled by Agriculture and Agri-Food Canada  
 Rainfall - Ministry of Agriculture, Crop Report Database  
 IDW interpolation (power 2.5, fixed radius 300km)

Geomatics Services, Ministry of Agriculture

October 4, 2022