Leveraging Ecosystems to transform Agriculture on the Prairies

A multidisciplinary approach exploring perennial cropping strategies and policy to reduce GHG emissions on-farm

Carkner, M.K.*, Arcand, M.M., Bobiwash, K., Cordeiro, M.R.C., King, M., Lawley, Y., Thiessen Martens, J.R., Visser, R., and Entz, M.H.

*corresponding author: Michelle.Carkner@umanitoba.ca

University of Manitoba

We want to create real solutions to drive agriculture to net-zero

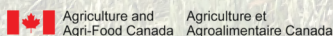**Connection with farmers** remains constant through the research
Understand the *what is* of farmer innovation on the ground

We're **building a dataset** with on-farm sampling and research trials

Use collected data to feed innovative modelling to create "**Future Farm Scenarios**" with farmers and industry partners

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