

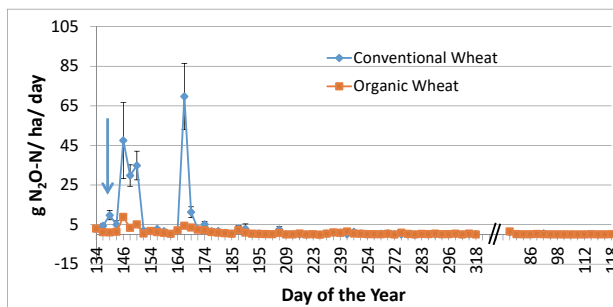
THE GLENLEA LONG-TERM CROP ROTATION STUDY



Organic discoveries over 30 years of continuous field studies

SCIENTIFIC DISCOVERY

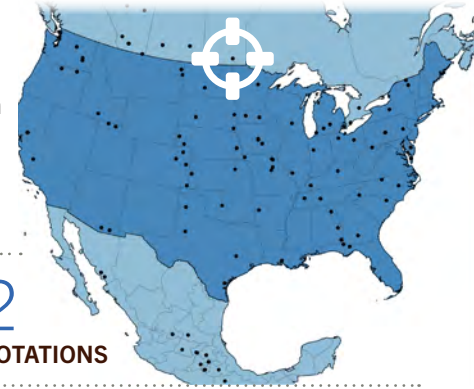
We have discovered that the greenhouse gas footprint is lower in organic production than where fertilizers and pesticides are used. For example, the average nitrous oxide emission is 35% lower per bushel of wheat produced organically vs conventionally.



Westphal, M., Tenuta, M. and Entz, M.H., 2018. *Agric., Ecosys & Enviro* 254, pp.41-49.

DOING THE FIELDWORK

Glenlea is one of 3 organic sites within the Soil Health Institute's network of long-term studies.



BUILDING CAPACITY

We are leveraging the knowledge gained from almost 3 decades of organic crop production research to educate professional crop and soil consultants on how to advise organic farmers for success.

SINCE 1992...



- RESEARCH LEADS:** Martin Entz, agroecologist, University of Manitoba
- DIG DEEPER!** Organic agriculture deserves a seat at the grown-ups' table
- PUBLISHED RESEARCH:** Nitrous oxide emissions with organic crop production depends on fall soil moisture. 2018. *Agriculture, Ecosystems & Environment*.