



GLOBAL
RESEARCH
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

**CROPLANDS RESEARCH GROUP:
Canada**



CRG representatives: Craig Drury

Contribution to Croplands Research Group activities

- *Two ongoing projects awarded \$556,480 in funding for 2019-2022*
 - *Resilient crop diversification*
 - *Efficient use of manure-the legacy effect*
- *Two CRG aligned projects were also awarded \$2.8M in funding through the Interdepartmental Research Initiative in Agriculture*
- *AAFC has provided incremental funding to existing projects to support GRA collaboration. In 2019/2020 two projects were awarded \$33,000 to support CRG*

Opportunities to participate in CRG activities

- *Conservation agriculture (e.g. crop rotations) projects to improve soil health & decreases GHG emissions*
- *Nutrient management projects (e.g. Improved N sources, placement & rates)*
- *DNDC modelling activities & potential collaboration*
- *Meta-analysis: Conservation agriculture practices & GHG emissions*

Opportunities, future actions and funding

- *Canada has identified the GRA as an international science co-operation priority which has increased aligned research.*
- *11 new/ongoing projects awarded \$4.6M CAD*
 - *4 new projects \$498,864 started in 2019*
 - *5 ongoing projects \$1,234,020 started in 2018*
 - *2 projects \$2.88M Interdepartmental research*
- *Two projects were awarded \$60,000 in incremental funding to support GRA collaboration in addition to 5 projects in 2017-2020 for \$203,500*