

GLOBAL
RESEARCH
ALLIANCE

ON AGRICULTURAL GREENHOUSE GASES

CROPLANDS RESEARCH GROUP: New Zealand Country Update



Activities/Accomplishment since last meeting

- Communications, meetings, workshops
 - International Symposium on SOM (Rothamsted, UK; 3-8 Sept 2018)
 - Soil C sequestration potential of NZ pasture and cropland
 - Deep Inversion till pasture renewal to accelerate soil C sequestration
 - Other
- Flagship projects
 - Inversion tillage pasture renewal to accelerate soil C sequestration (GPLER GRA)
 - Year one complete, Three trial sites established, Papers presented WCSS etc.
- Country Update (*e.g. communications, meetings, workshops, funding applications, participation in Flagships or other GRA activities etc.*)

Opportunities and plans

- **Workshops & meetings**
 - International Symposium on Soil Organic Matter (Adelaide, AU, 6-11 Oct 2019)
 - Possible side tour to NZ to review soil C and N₂O mitigation research
 - other
- **Other GRA related research**
 - Defining the soil C sequestration potential of pasture & cropland
 - New soil N test method to improve fertiliser N forecasting, mitigate N losses
 - New Land Use Suitability classification (includes environmental risk, eg C loss)
- **Opportunities to contribute (e.g., meetings, workshops, funding opportunities, proposals for Flagship activities or other GRA activities etc.)**
- **Capability Building**
 - Potential PhD projects on soil C sequestration and N management