

# **ncle** National Centre for Livestock and the Environment ncle.ca

## Newsletter

July 2022



University  
of Manitoba

### About us

The National Centre for Livestock and the Environment (NCLE) has been active for over a decade. The NCLE is a unique community of researchers, industry stakeholders and students that engage in multi-disciplinary, multi-agency research focused on building a more sustainable future for the Canadian livestock sector.

### NCLE Graduate Student Scholarship

This fall NCLE is excited to roll out a new scholarship that will be awarded to a deserving student enrolled in a Master of Science degree in the Faculty of Agricultural and Food Sciences. The scholarship rewards academic achievements of a graduate student pursuing studies in sustainability research that promotes the growth of Canadian agriculture. Applicants are required to conduct research in one or more of the three NCLE research areas including a “One Health” approach to animal management, livestock as a component in sustainable agro-ecosystem management and harnessing the power of data driven tools related to farm management, regulation, land use planning and more. Scholarship applicants will be assessed on their educational background, research experience, and community leadership involvement. Students, please stay tuned for application deadlines.



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# Sustainability of Canadian Agriculture Conference

The 8th Annual Sustainability of Canadian Agriculture Conference (SCAC) themed “Farming for sustainable food systems” was held virtually March 16-18, 2022. NCLE partnered with Agriculture and Agri-Food Canada to bring forward a program that explored strategies to redesign our food production systems, to forge the road to carbon neutrality and to manage agriculture production from a broad landscape perspective to achieve enhanced sustainability. Up to 280 attendees logged in daily to view presentations, panel discussions, and student research videos or to participate in the Holos model workshop. Two unique end-of-day sessions designed to stimulate free conversations between conference attendees, scientists, producers and industry were a new addition to the conference. Visit the [conference website](#) for details. Dates for the 2023 SCAC will be announced in the fall.

## Field tours are back!

**On July 29, join Dr. Mario Tenuta for the Manitoba 4R Nitrogen Management Field Tour.** The tour will take place on the Friesen Field, NW of Manitou and is a joint event organized by MB Agriculture, Fertilizer Canada and the 4R Industrial Research Chair Program at the University of Manitoba. For more information, please contact John Heard at [john.heard@gov.mb.ca](mailto:john.heard@gov.mb.ca) [Register Here](#)

This tour follows closely on the heels of the Twilight Field Tour of the oldest organic rotation crop study in Canada held on July 5th. This year, Dr. Martin Entz and his team featured research comparing conventional vs. organic rotations. Visitors also had the opportunity to view unique field equipment associated with organic production systems. Rounding out the tour was a visit to the Three Sisters Project site, an ancestral Indigenous cropping system led by Dr. Kyle Bobiwash, Assistant Professor with the Department of Entomology.



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