

NEWSLETTER

Diversification Centres

October 2024



Assiniboine College Class of 2024 Attending Students' Field Day at MCDC in Carberry, MB

MCDC Hosts Assiniboine College Students for an Engaging Field Day

On September 11, agricultural students from Assiniboine College (AC) visited the Manitoba Crop Diversification Centre (MCDC) in Carberry for an educational field day offering an overview of applied agricultural research, sustainable farming practices, and regional research initiatives. The event featured over 100 diploma students from AC, who had the opportunity to explore a wide range of ongoing research projects at MCDC.

This exposure helped students gain a comprehensive understanding of applied potato research, value of crop diversification and its role in sustainable agriculture.

The field day also included four activity stations: two in the potato processing yard and two in the field, highlighting in-field potato digger operations, agronomy, and irrigation technologies. This year's event included an additional producer field component, offering students a

UPCOMING EVENTS*

October 10

**Agriculture and Agri-Food
Processing Career Tour**
Dauphin, MB

October 18-20

**4-H Manitoba Senior
Members' Event**
Winnipeg, MB

October 30

**Manitoba Beef & Forage
Conference**
Portage la Prairie, MB

November 7

**Agriculture Enlightened
Conference**
Winnipeg, MB

November 12-13

**2024 MFGA Regenerative
Ag Conference**
Brandon, MB

Click event's link for more details.

firsthand look at the commercial aspects of farming and providing a well-rounded perspective on real-world agricultural operations. Students also explored small plot research trials, deepening their understanding of MCDC's research work in advancing crop production practices.

During lunch at MCDC, students had an opportunity to hear about seasonal, co-op, and Summer Student job openings at the centre. The students expressed their appreciation to MCDC for hosting them and for providing an in-field learning experience, bridging the gap between theoretical classroom concepts and practical, hands-on exposure. Events like this are crucial for preparing future ag professionals by immersing them in the challenges and opportunities within sustainable farming and applied research.



Glimpses from 2024 AC Students Field Day at MCDC

Harvesting Operations Continue at PESAI Sites



Forage Harvesting Activities at PESAI Site

The Prairies East Sustainable Agriculture Initiative (PESAI) team harvested over 55% of their plots by September 27. The projects that have been harvested include all Manitoba Crop Variety Evaluation Team (MCVET) cereal plots, University of Manitoba (UM) canola cover crop plots, tile drainage canola, and Ducks Unlimited Canada's winter wheat plots. UM's Greenhouse Gas (GHG) spring wheat plots, MCVET pea plots, flax projects, pea-oat intercrop, and peas and fava beans on tiled land have also been brought in. All forage plots have been harvested, including MCVET annual forages, SeCan forages, oats-Italian ryegrass intercrop, and corn-legume intercrop. The silage corn trial, conducted in collaboration with the Manitoba Crop Alliance, has been harvested, and forage samples have been sent to the lab for quality analysis.



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Crop Workshops Held at PESAI Beausejour Site



Soybeans Crop Workshop 2024 – Held in Beausejour, MB on September 20

The Agassiz Soil & Crop Improvement Association (ASCIA) organized two informative crop workshops in September at the PESAI site in Beausejour, coordinated by Terry Buss from Manitoba Agriculture.

The first workshop, held on September 19, focused on sunflower and grain corn plots. Morgan Cott from Manitoba Crop Alliance addressed challenges faced in sunflower production during 2024, highlighting harvest management strategies such as desiccation timing and combining techniques. Anne Kirk from Manitoba Agriculture provided insights into the 2024 grain corn season and corn growers' production challenges. This workshop drew around 20 participants, including farmers and industry professionals.

The second workshop was held at soybean plots on September 20. Kim Brown-Livingston, Provincial Weed Specialist, discussed herbicide weed management in soybean production, stressing the importance of controlling water hemp in soybean fields. Dennis Lange, Provincial Pulse Specialist, shared his observations and challenges from the 2024 soybean growing season and offered guidance on selecting suitable varieties. Jennifer McCombe-Theroux from Manitoba Pulse & Soybean Growers (MPSG) spoke about seeding depth and pests of soybeans during the workshop. Additionally, Linda Horner from Manitoba Agricultural Services Corporation (MASC) provided information about MASC programs and important deadlines, offering valuable resources for attendees. The workshop attracted approximately 30 participants.



Contact us: info@mbdiversificationcentres.ca

2024 MCVET Winter Wheat Yield Results Released

The table summarizes yield results from the 2024 MCVET winter wheat trials conducted at the Arborg and Beausejour sites. At the Arborg site, winter wheat varieties showed significant differences in grain yield, with AAC Coldfront standing out as the top performer. In contrast, all varieties produced similar grain yields at the Beausejour site. It is important to note that these results are based on 2024 data alone, and long-term trends should be considered for variety selection. Historical yield data from MCVET trials can be found in previous editions of Seed Manitoba.

In related news, the MASC has released its 2024 Variety Market Share Report. This report provides a breakdown of the number of acres seeded to each crop type in Manitoba, along with the relative percentage of acreage for each variety. AAC Wildfire led the winter wheat category, occupying 52.8% of the seeded acres. Emerson, known for its resistance to Fusarium, had been the most popular winter wheat variety for several years, but its share of total seeded acres is now declining. Additionally, a significant number of unseeded acres have been reported in the Interlake region this year due to a wet spring, and some of these fields may be seeded with winter wheat this season.

Class/Variety	Arborg	Beausejour
Canada Western Red Winter		
AAC Coldfront `	116	107
AAC Network `	80	95
AAC Overdrive `	75	100
AAC Wildfire `	100	96
AAC Vortex `	103	103
Emerson ~	106	99
SITE GRAND MEAN (bu/acre)	97	100
CV%	4.3	5.2
LSD (bu/acre)	8	-
Sig Diff	Yes	No
Seeding Date	19-Sep	20-Sep
Harvest Date	12-Aug	13-Aug

MCVET Winter Wheat Yield Performance at PESAI



File Photo of MCVET Winter Wheat taken at MCDC – Carberry, MB



Watch our videos on YouTube: www.youtube.com/@mbdiversificationcentres