Carman Orientation

Justice Zhanda (P.Ag)
C: (204) 745 8642
O: (204) 745 3944
justice.zhanda@umanitoba.ca
Room: 101-690

Terrance Anseeuw
C: (204) 781 8510
Terrance.Anseeuw@umanitoba.ca
Room: 112-690 or 125-690
TRADITIONAL TERRITORIES ACKNOWLEDGEMENT

The University of Manitoba campuses are located on original lands of Anishinaabeg, Cree, Oji-Cree, Dakota, and Dene peoples, and on the homeland of the Métis Nation.

We respect the Treaties that were made on these territories, we acknowledge the harms and mistakes of the past, and we dedicate ourselves to move forward in partnership with Indigenous communities in a spirit of reconciliation and collaboration.
General overview

- 406 acre research farm
- A number research projects each year – canola, wheat, soybean, weeds, diseases, cover crops, forages etc.
- Collaboration with Manitoba Ag and other players in the Industry
Sources of Information

• On site at Ian N. Morrison Research Facility – contact The Manager or Technicians from your programs

• Plant Science research and facilities | Faculty of Agricultural and Food Sciences | University of Manitoba (umanitoba.ca)

• Crop biosecurity - Canadian Food Inspection Agency (canada.ca)

• National Voluntary Farm-Level Biosecurity Standard for the Grains and Oilseeds Industry - Canadian Food Inspection Agency (canada.ca)
In Case of Emergency
Call 911

YOU ARE LOCATED AT:

Emergency Address

25024, PR 245, R. M. of Dufferin
(1.8 km West of Carman on Highway 245, from junction of highways 3 and 245)

The University of Manitoba, Ian N. Morrison Research Farm,
Carman & Region Facility, Carman, Manitoba

(North ½ Section 23-6-5W, Southwest ¼ Section 23-6-5W)

Urgent Numbers:
Campus Security, Fort Garry (204)-474-9341 (emergency)
Alarm issues (204)-474-9312 (non-emergency)

Non-emergency Numbers:
Justice Zhanda (204)-745-8642 (cell), office (204) 745-8642
Terrance Anseeuw (204)-781-8510 (cell)
Main Building

- Building Fire Alarm
- Emergency Exit Plan
  - First aid kits
  - Resource Rooms
Other locations with Emergency equipment

- Each building is equipped with a fire extinguisher
- Eye wash station located in front of building #3
UNIVERSITY OF MANITOBA - CARMAN & REGION FACILITY

GENERAL FIRE EMERGENCY PROCEDURES

SHOULD YOU DISCOVER OR SUSPECT A FIRE

R - Request everybody in the area to evacuate the building. Remove anybody in immediate danger.

A - Activate the building fire alarm system by pulling the manual pull station. From a safe location, dial “911” and report the fire. Also, inform University Campus Security, telephone: 1-204-474-9341.

C - Confine the fire by closing all doors and windows.

E - Extinguish the fire using the appropriate fire extinguisher. Do not attempt to extinguish a fire if this will place you in immediate danger.

NEVER USE ELEVATORS DURING A FIRE ALARM.

WHEN THE FIRE ALARM SOUNDS

1. Cease all activities. Turn off heat producing devices. Leave overhead lights on.
2. Close all doors and/or windows in the immediate area.
3. Evacuate the building immediately using the nearest safe available stairwell.
4. Remain outside the building until the most senior member of the Carman Fire Department or the University Fire Marshal gives “ALL CLEAR”.

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Potential Hazards on the farm

- Municipal water line
- Natural gas line
- Weak river bank
Septic field west of the main building
Hazards cont’d
Biobed
Markers available for guidance to the biobed

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Plant Science Department First Aid Responders

- Terrance Anseeuw 204-781-8510
- Becky Dueck 204-296-6367
- Rob Visser 204-807-9933
- Roger Lorias 204-223-8991
Tractor Safety & Pre-use checks link (unlisted)

https://www.youtube.com/playlist?list=PLaNpczapd8GG3cOt6VAc-d4r5HJadPuFV

- Videos done by some of the summer students (Zack, Reid and Tessa) and Techs (Wilson and Wil) in 2021
LETS FARM SAFELY AND GET HOME SAFE AT THE END OF EVERY DAY
USE THIS 5 MINUTE CHECK BEFORE YOU BEGIN WORK

To be covered in detail on site

• Check this too
Equipment operation

- Training will be provided on site
- Equipment and Fuel log books
- Demonstrate to supervising Techs
- Tractors, spraying, lab, refueling, shop tools, welding machines
- Report any mechanical problems and record in log books
• No equipment or items in front of electric panels
Tool pick up and drop off in room 125

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➢ Equipment booking

- Program specific equipment
- Shared equipment

✓ (4) XLSX File viewer | Microsoft Teams
<table>
<thead>
<tr>
<th>Date</th>
<th>Hours In</th>
<th>Hours Out</th>
<th>Hours Used</th>
<th>Purpose</th>
<th>Program</th>
<th>Initials</th>
<th>Engine</th>
<th>Hydraulic</th>
<th>Coolant</th>
<th>Fuel</th>
<th>Other</th>
<th>Notes</th>
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Footnotes: Contact Caretaker: when hours are reached for oil change, dusty conditions and air filter and radiator need to be blown clean, greasing, oil is to be added,
# Log sheets/Forms

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<th>Date of Trip (dd/mm/yy)</th>
<th>Traveller</th>
<th>Place of Departure</th>
<th>Destination</th>
<th>Start km</th>
<th>End km</th>
<th>Detailed Reason for Mileage - use two rows if needed</th>
<th>Mechanical</th>
<th>Lights</th>
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**Vehicles**
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<tr>
<th>Date</th>
<th>Equipment</th>
<th>Start Reading</th>
<th>End Reading</th>
<th>Litres</th>
<th>Name</th>
<th>Initials</th>
<th>Program</th>
<th>Purpose</th>
<th>Pump shut off after filling (shed 9) (yes/no)</th>
<th>Notes</th>
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Carman protocols

- **Visitors** – parking lot south of the main building
- **Handling & disposal of material** – seed, plant tissue, soil, compost, water
  - Processed and disposed where sampling occurred
  - Biosecurity protocol to be followed for offsite samples brought to Carman for processing – must also be clearly labelled, kept separate from other material
- **Human sanitation** – disposable foot covering to be worn were possible
  - Pre-clean footwear in the field, use foot scrapers and/or brushes if necessary and disinfect
- **Vehicles, trailers and equipment** – clean prior to entering and leaving the facility
  - Concrete wash pad and pressure washer by shed #4 (first building west of the main driveway)
  - Remove sticky mud from vehicles and equipment before driving back to the yard
Evaluation of clubroot disinfectants  (Harding et al. 2019)

- 24 disinfectants tested
- Among them, bleach most effective at 1.7% concentration while spray nine was the second most effective at 20% concentration
- Spore mortality at >95%
Equipment cleaning facility

- High pressure washer-use proper nozzles to avoid damaging your vehicle
- Concrete and gravel wash area by building #4
Biosecurity – equipment cleaning
Clean equipment for the next user – saves everyone time
Housekeeping
Lunch and coffee breaks

- Students’ lunch committee???
- Maximum 6 people in room 119
- Classroom 103 B – max 10 people
- Picnic tables – North of farm yard

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• Lock up