

CLUBROOT OF CANOLA

AGRICULTURE & ENVIRONMENT DEPARTMENT

County of Vermilion River Pest Inspectors randomly surveyed 158 canola fields in the county (about 10% of canola fields) in 2023. Clubroot was identified in 3 fields. The fields that tested positive are listed on the following page.

MANAGEMENT & POLICY

- All clubroot positive fields are covered by a management agreement covering the next two growing seasons.
- CVR Clubroot Policy limits the planting of canola to 1 in 3 years on positive clubroot fields
- Following the 2 years out of canola, the next canola crop must be a clubroot resistant variety

BEING AWARE

- Please be aware that if you live in an area that has been tested as negative, or if your field has been tested as negative for clubroot you are **NOT** guaranteed to be free of clubroot.
- A negative test only means that the plants sampled had no visible clubroot symptoms.
- CVR only tests 10% of canola fields each year – we do not know what disease level may or may not be present in the other canola fields through the county

REDUCING THE IMPACT

- **It is important that producers continue to practice good management to reduce the impact of this disease on your fields. The only safe assumption is to assume that clubroot is on its way.**
- Use clubroot resistant canola varieties.
- Ideally use a 1 in 3 or 1 in 4 year canola rotation – 1 in 2 year rotations greatly increase the risk of developing clubroot.
- Minimize soil movement between fields. Use a rubber mallet to knock dirt off equipment before you move to the next field and consider cleaning or sanitizing equipment.
- Work with the County and/or ALUS Vermilion River to seed perennials at the field entrance to be used to trap soil (and spores) from equipment when moving between fields. ([Link to ALUS video 5L Farms in showcase](#))

FURTHER RESOURCES

- If you have any questions concerning this information, please call the County of Vermilion River Agriculture Department at 780-846-2244.
- For more information on clubroot in canola, the Canola Council of Canada has information at Clubroot.ca, and a video at [Clubroot of Canola Disease Cycle](#). Alberta Agriculture and Forestry information on clubroot includes: [Alberta Clubroot Management Plan](#) and [Clubroot Disease of Canola and Mustard Factsheet](#).
- The County of Vermilion River provides the legal locations of positive fields found to help producers manage clubroot. When Pest Inspectors find clubroot, CVR and the producer enter into a management plan, which limits the planting of canola to once every 3 years. When canola is re-introduced into the rotation, the next canola crop must be a clubroot resistant variety.

QUICK FACT:

Clubroot starts as a few plants, or small patches within a field so it is not always found in a survey. Other plants, and/or other areas in the field may still have clubroot present.

RELATED ITEMS:

WEBSITE

www.vermilion-river.com



REVISION DATE: 2023-11-03

CLUBROOT MANAGEMENT PLANS

- CVR encourages all producers to take an active role in the management of clubroot on their farm, whether clubroot is confirmed or not. The [Clubroot Management Agreement](#) is a template that can be used to design a management plan for any cropland within the County.

POSITIVE CLUBROOT SITES

DIVISION	LAND LOCATION	YEAR FOUND	Last crop year under Pest Management Plan
3	NE-17-50-6 W4	2011	2015
3	NE-20-48-6 W4	2017	2019
3	NW-1-49-7 W4	2017	2019
4	NE-33-51-3 W4	2017	2019
4	NE-34-51-3 W4	2017	2022
4	NW-34-51-3 W4	2017	Renewed to 2025
4	SE-4-52-3 W4	2017	2022
4	NW-27-51-3 W4	2017	2019
5	NW-10-52-2 W4	2018	2020
3	NW-18-49-7 W4	2019	2021
4	NW-24-52-4 W4	2019	2021
5	SE-27-49-1 W4	2019	2021
2	SW-14-46-3-W4	2020	2022
2	NE-31-47-3-W4	2020	2022
6	SW-8-54-3-W4	2020	2022
7	SW-27-53-4-W4	2020	2022
3	SW-25-50-6-W4	2021	2023
4	SW-16-52-3-W4	2021	2023
1	NE-12-49-1-W4	2022	2024
5	SE-13-50-3-W4	2022	2024
7	SW-26-52-4-W4	2022	2024
6	SW-17-54-3-W4	2023	2025
7	NW-7-55-4-W4	2023	2025
7	SW-18-54-4-W4	2023	2025

Click the map below to view the interactive CVR Clubroot History Map:

