

# CLUBROOT of CANOLA

## AGRICULTURE & ENVIRONMENT DEPARTMENT

CVR Pest Inspectors randomly surveyed 180 canola/mustard fields in the county (about 10% of canola fields) in 2018. Clubroot was identified in 7 fields in 2017 and in 1 new field in 2018. The fields that tested positive are listed on the following page.

### MANAGEMENT & POLICY

- All clubroot positive fields are covered by a management agreement for the next two years
- 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 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.

### FURTHER RESOURCES

- If you have any questions concerning this information please call the CVR Agriculture Department at 780-846-2244.
- For more information on clubroot in canola, the Canola Council of Canada has information at [Clubroot.ca](http://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](#).

#### 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](http://www.vermilion-river.com)



REVISION DATE: 2018-12-12

## CLUBROOT MANAGEMENT PLANS

CVR provides the legal locations of positive fields every year to help producers manage the spread of clubroot. When we 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.

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	MANAGEMENT PLAN UNTIL
3	NE 20-48-6W4	2017	2020
3	NW 1-49-7W4	2017	2020
4	NE 33-51-3W4	2017	2020
4	NE34-51-3W4	2017	2020
4	NW34-51-3W4	2017	2020
4	SE4-52-3W4	2017	2020
4	NW27-51-3W4	2017	2020
5	NW10-52-2W4	2018	2021

