

Title

Clubroot of Crucifers

Date Approved

September 9, 2008

Policy

The County of Two Hills Agricultural Service Board, under the authority of the *Agricultural Pests Act*, will undertake the following measures to assist in the control and spread of Clubroot of Crucifers in the municipality. Clubroot is a pest under the *Agricultural Pests Act*.

Prevention of Clubroot requires all landowners, tenants and participants in the crops and energy industries to be vigilant. Stopping the introduction of Clubroot to clean fields is the only way to prevent Clubroot because there are currently no economically viable options for controlling Clubroot in Canola once it is established in a field.

Procedures:

1. Random inspections will be conducted by the Agricultural Fieldman, Assistant Agricultural Fieldman or by an Inspector appointed by the County of Two Hills.
2. Designated inspectors will follow procedures that are established by agricultural services administration on sampling techniques and protocol for entering upon private land. Inspectors will pull 100 plants in each location to determine the severity of infection if Clubroot is found.
3. Positive identification of Clubroot shall be obtained by a laboratory test.
4. When land is verified positive for Clubroot, the landowner will be notified and sent a Pest Notice and letter which will explain standard industry recommended procedures for managing this Pest. This letter will identify best management practices for Clubroot management and recommend a 1 in 3-year Canola rotation for when less than 10% plants are found to be positive and a 1 in 4-year Canola rotation for fields having more than 10% infected plants. In both instances' producers will be asked to only use resistant Canola seed varieties going forward.
5. All fields known to have contained Clubroot will be checked each subsequent year. Landowners that fail to adhere to the best management practices for Clubroot management and the crop rotation as recommended in the letter sent in accordance with procedural step 4 above and the land is verified positive for Clubroot again and who have issued a Notice in accordance with the *Agricultural Pest Act* and failed to comply with the Notice will have their crops destroyed in accordance with the County of Two Hills authority under the Act.

Title

Clubroot of Crucifers

Policy

6. Adjacent landowners to new Clubroot locations will be notified of the new infestation by written letter.
7. All other parties seeking notification of Fields surveyed, being negative or positive for Clubroot, will be posted on the County of Two Hills Website or upon request once the map is developed.
8. Equipment and Sanitation

The following sanitation steps should be used according to the following situations:

- a. Any equipment entering the Municipality must follow steps 1 and 2.
- b. Any equipment moving within the Municipality must follow step 1.
- c. However, if Clubroot is identified within the municipality the minimum requirements of step 1 and 2 will apply if equipment has been within 2 miles of a Clubroot positive field.

Sanitation involves cleaning and disinfecting machinery by following this sequence of steps (2 steps):

- a. Step 1 – Remove as much soil as possible from the machine by scraping or knocking off the larger clumps of soil and using compressed air to remove dust and plant debris.
- b. Step 2 – remove any residual contaminated soil with a pressure washer or steaming unit using a 5% bleach solution.

Note: The above steps have been recommended by the Alberta Clubroot Management Plan. Private landowners and industry are responsible for negotiating their own access and sanitation agreements and the municipality will not be getting involved in private negotiations unless it is an enforcement issue regarding a positive Clubroot location.

9. County of Two Hills construction procedures:

- a. All County road allowances and adjacent private land will be soil tested prior to any soil being disturbed on road construction projects.

COUNTY OF TWO HILLS NO. 21

Title

Clubroot of Crucifers

Policy

- b. All private lands being crossed by the Natural Gas Utility equipment will be tested by County Staff prior to entry of any equipment, in regards to trenching and infills.
- c. All landowners requesting County equipment to construct approaches using soil from their property, or dirt work of any kind, will be required to have a soil test done, either by themselves or by County Staff at a cost to them of \$150.00 per sample.
- d. If soil samples come back positive for the presence of Clubroot, landowners will be notified immediately and all private work by the County shall cease.
- e. Soil samples coming back negative for Clubroot, will allow equipment to proceed with construction projects not being affected and step 8 a) will be followed by equipment operators.

10. County of Two Hills Rental Equipment:

- a. All County of Two Hills rental equipment that disturbs soil, will be pressure washed off after every use. Equipment will be inspected by ASB staff before going out and after it is returned. Any equipment not cleaned off thoroughly when returned, will be done so by ASB staff and the damage deposit will not be reimbursed to that renter.

The County of Two Hills Agricultural Service Board shall review this policy on an annual basis.

Purpose

To prevent economic loss caused by Clubroot of Crucifers and prevent spreading of this Agricultural Pest.

Definition

Revisions

May 7, 2015

September 1, 2016

April 5, 2018

February 6, 2020