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Title: Control of Clubroot (*Plasmodiophora brassicae*) Disease in Canola



Mountain View  
COUNTY

Policy No: 6303

Approval: County Council

Effective Date: January 1, 2008

Supersedes Policy No: New

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**Policy Statement:** Under the Agricultural Pests Act Mountain View County has the authority to establish Clubroot Management Policies. Clubroot was declared a pest under the Agricultural Pests Act of Alberta in 2007.

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**Purpose:** This policy will direct staff on enforcement of the Agricultural Pest Act.

End of Policy

Approved: March 26, 2008

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Procedure Title: Clubroot (*Plasmodiophora Brassicae*) Management

Procedure No.: 6303-01

Approval: CAO

Effective Date: January 1, 2008

Approved Date: March 26, 2008

Amended Date: August 8, 2011

Amended Date: August 24, 2015

Amended Date: April 14, 2016

Supersedes Procedure No.: New

## 1. Procedures

- 1.1 Random field inspections throughout the County will be conducted by the Agricultural Fieldman or designated Pest Inspectors appointed by Mountain View County.
- 1.2 Inspectors will attempt to notify landowners as a courtesy, but as per the Agricultural Pests Act, notification is not necessary to enter on to private property to conduct inspections.
- 1.3 Inspectors will follow procedures set out by the Agricultural Fieldman on proper sampling techniques and protocol for entering upon land. Best Management Practices will be followed to ensure inspections do not become a source of spreading the disease. The Agricultural Fieldman will maintain current Clubroot Inspection Guidelines for staff.
- 1.4 Positive identification of Clubroot shall be confirmed by a laboratory test (PCR).
- 1.5 When land is verified positive for Clubroot the landowner will be notified and a management strategy to minimizing the spread of Clubroot within the field and surrounding area will be decided upon between the landowner and Agricultural Fieldman. A legal notice under the Province of Alberta Agricultural Pests Act may be issued at the discretion of the Agricultural Fieldman.
- 1.6 Adjacent landowners and affected parties will be notified at the discretion of the Agricultural Fieldman.
- 1.7 When an infection is found, the current crop may be harvested, but all residues from the crop shall not be retained for further use or moved off of the property. Future crop residues will be dealt with at the time the notice is issued or as agreed upon by the landowner and Agricultural Fieldman.
- 1.8 The notice will at a minimum prohibit the growth of host crops during the next 3 crop years. Following 3 non host crop years Clubroot-resistant varieties of Canola or other non Clubroot susceptible crops may be re-introduced into the crop rotation.
- 1.9 Subsequent non host crops are to be treated with a herbicide registered for control of cruciferous weeds, which may act as alternate hosts. In the event host weeds are not controlled it is recommended the crop be silaged as soon as possible and re-growth treated with a product registered for total vegetation control.

- 1.10 If a host crop is sown on land that has Clubroot and a notice has been issued on this property restricting the growth of host crops, the host crop may be destroyed, at the discretion of the Agricultural Fieldman, by the landowner or occupant. If required, agricultural staff will hire a third party to destroy the crop. Landowners will not be compensated for loss of crop.
- 1.11 In the event producers are farming a portion of, or the entire undeveloped road allowance they will be responsible for Clubroot prevention and management.
- 1.12 Agricultural Staff will provide public information and education to all individuals that access agricultural land regarding the prevention and potential spread of the disease.
- 1.13 Anyone entering agricultural land will have the responsibility to follow best management guidelines, established by Alberta Agriculture and Rural Agdex 140/638-1, to reduce the spread of disease with the movement of soil and equipment.
- 1.14 All Mountain View County Operational Services work crews and contractors involved in moving top soil will follow best management guidelines (Alberta Agriculture and Rural Development Agdex 140/638-1), to prevent the spread of Clubroot.
- 1.15 Survey results and legal land locations of Clubroot infections may be made available to parties with a genuine commercial interest.

*This Policy and Procedure shall be reviewed on an annual basis by the Agricultural Service Board.*

*Appendix: Agdex 140/638-2*

End of Procedure: