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Procedure Title: Clubroot (*Plasmodiophora brassicae*) Management

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Procedure No: 6303-01

Approval: CAO

Effective Date: January 1, 2008

Supersedes Procedure No: New

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Procedures:

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1. Random Field inspections throughout the County will be conducted by the Agricultural Fieldman or designated Pest Inspectors appointed by Mountain View County.

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2. Inspectors will attempt to notify land owners as a courtesy, but as per the Agricultural Pests Act, notification is not necessary to enter on to private property to conduct inspections.

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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.

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4. Positive identification of Clubroot shall be confirmed by a laboratory test (PCR).

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5. When land is verified positive for Clubroot the landowner will be notified in writing with a legal notice under the Province of Alberta Agricultural Pests Act.

6. 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.

7. The notice will prohibit the growth of host crops during the next 4 crop years. Following 4 non host crop years Canola or other Clubroot susceptible crops may be re-introduced into the rotation.

- P** 8. Subsequent non host crops must 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 the crop must be silaged as soon as possible and re-growth treated with a product registered for total vegetation control.
- R** 9. 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 shall be destroyed 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.
- O** 10. In the event producers are farming a portion of, or the entire undeveloped road allowance they will be responsible for Clubroot prevention and management.
11. Agricultural Staff will provide public information and education to all individuals that access agricultural land regarding the prevention and potential spread of the disease.
- C** 12. Anyone entering agricultural land will have the responsibility to follow best management guidelines, established by Alberta Agriculture and Food Agdex 140/638-1, to reduce the spread of disease with the movement of soil and equipment.
- E** 13. All Mountain View County Operational Services work crews and contractors involved in moving top soil will follow best management guidelines (Alberta Agriculture and Food Agdex 140/638-1), to prevent the spread of Clubroot.
- D** 14. 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 140/638-1

End of Procedure

Approved: March 26, 2008

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