

## MACKENZIE COUNTY

<b>Title</b>	<b>AGRICULTURAL SERVICE BOARD FUSARIUM GRAMINEARUM</b>	<b>Policy No:</b>	<b>ASB019</b>
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<b>Legislation Reference</b>	<b>Agricultural Pests Act 2000</b>
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### **Purpose**

To provide direction for Mackenzie County Agricultural Service Board (ASB) to reduce the impact of Fusarium Graminearum (FG).

### **Policy Statement and Guidelines**

To minimize the impacts of Fusarium Graminearum on Mackenzie County.

### **Authority:**

Fusarium Graminearum is a pest under the *Agricultural Pests Act of Alberta 2000*

The Agricultural Pests Act requires the municipality to “take active measures to prevent the establishment of, or control or destroy pests in the municipality” (sec. 6).

The Municipality must appoint Inspectors under the Act who are authorized to

- Enter onto land and inspect for pests; and may
- Issue notice of specifying measures required to control the pest or prevent the pests from establishing.

### **Action:**

If Fusarium Graminearum is found within the boundaries of Mackenzie County the landowner will be encouraged to adopt the following measures:

1. Harvest the crop with the total crop being sold or fed, but not sold or kept for seed.
2. Test any grain which is to be fed for mycotoxins and adjust feed rations to ensure livestock are not affected, several infected grains may need to be disposed of;
3. Tarp any loads being transported from the infested land;
4. Clean any crop residue from all equipment and implements before taking them off the infested land;
5. Chop and spread straw uniformly during the harvest operation;

6. Incorporate residue in the fall unless soil erosion is considered to be a concern;
7. Seed a non-host crop and/or perform summer-fallow, for 2 or more consecutive years from initial infestation.

**Mackenzie County will consider implementing the following:**

1. Landowners in an area where an infestation is found shall be contacted and informed that Fusarium Graminearum has been found.
2. The seed source of the infested field shall be traced and any other suspect fields shall be inspected.
3. The ASB shall be informed of any infestations found, and any enforcement actions will be as directed by the ASB.

**Inspection:**

In order to inspect for Fusarium Graminearum, the Agricultural Fieldman shall;

1. Keep staff informed of the symptoms;
2. Supervise surveys (if any) according to Alberta Agriculture Guidelines;
3. Inform farmers of symptoms and, through increased knowledge, garner their assistance for inspection & sampling purposes;
4. Work with area seed cleaning operations to collect random samples of cereals being cleaned, to be analyzed for Fusarium Graminearum.

**Awareness:**

In order to raise awareness of the problem;

1. Use available information handouts;
2. Publish an article on Fusarium Graminearum in the County Image;
3. Consider holding information meetings, ie: hosting open houses
4. Distribute Fusarium Graminearum information to local construction companies.

The Agricultural Fieldman shall be responsible for policy compliance.

	<b>Date</b>	<b>Resolution Number</b>
<b>Approved</b>	08-Mar-16	16-03-167
<b>Amended</b>		