



On-Farm Biosecurity Risk Assessment

Your Biosecurity Plan

Securing a farm is about knowing the risks of disease transmission and the ways in which animals can be exposed to disease, and taking steps to minimize those risks. Prevention through biosecurity is the most cost-effective protection from animal diseases. Building or updating your biosecurity plan will involve reviewing your current practices, farm layout and facilities to identify where gaps in your disease prevention might occur in order to adopt practices that will reduce those risks.

There is funding available through the Growing Forward 2 Animal Health Biosecurity Program to implement on-farm biosecurity projects. To identify which areas of your farm need improvement follow the steps below:

1. Fill out the on-farm biosecurity risk assessment checklist
2. Identify possible gaps in your biosecurity practices
3. Develop a biosecurity plan for that practice by proposing a project for each of the “risk management practices” you select for your plan.

You may choose to complete this on-farm biosecurity risk assessment on your own or you may hire a private industry consultant (e.g. veterinarian, agrologist, etc.) to complete the assessment. The program will reimburse the cost of the assessment visit for up to \$250. *Producers who have an ongoing relationship with a flock veterinarian are encouraged to work together with him/her in developing a biosecurity plan.*

Farm Operation Details

Applicant Name (legal or corporate name)				
Primary contact				
Mailing address (street, city, postal code)				
Phone #		e-mail:		
Premises ID #				
# sheep on farm				
Frequency and # sheep received on farm	1 wk – 3 months	3 to 6 months	6 to 12 months	over 12 months
Frequency and # sheep shipped off farm	1 wk – 3 months	3 to 6 months	6 to 12 months	over 12 months

Risk-Assessment Checklists

Checklists are provided below for each of the four biosecurity Principles. Each checklist is followed by a chart for you to record any gaps or improvements that you might have discovered in filling out the checklist. When you have completed the chart, review your responses to identify areas that are being handled well under your current practices, or topics that might require additional attention.

1. Animal Health Management Practices

Biosecurity practices for animal health management	Evaluation Checklist			
	Always/ frequently	Some- times	Never	Actions to consider
The sheep needed to maintain and grow my flock are produced on my farm.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I purchase new sheep from a limited number of sources.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All newly-acquired sheep that are brought to my farm are isolated for a period of time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I routinely inspect and maintain my facilities to avoid pest and predator invasion.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I follow a protocol to prevent contact between wildlife and my sheep.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I follow a health plan for the dogs on the farm (working, guardian and pet) that includes vaccination against rabies and treatment for tapeworms.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Based on the evaluation for animal health management practices:

1. What animal health management gaps have I identified on my farm?

2. What steps can I take to correct these gaps?

2. Record Keeping

Biosecurity practices for record keeping	Evaluation Checklist			
	Always / frequently	Some-times	Never	Actions to consider
I maintain farm records for my sheep operation that include health records and reasons for death or culling.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
My farm records include a record of prophylactic treatments (e.g. deworming) and vaccinations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Biosecurity training of farm workers is maintained and dates are recorded	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I maintain an emergency response plan for use in case of a disease outbreak on the farm or in the area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Based on the evaluation for record keeping:

1. *What record-keeping gaps have I identified on my farm?*

2. *What steps can I take to correct these gaps?*

3. Farm, Facilities and Equipment

Biosecurity practices for farm, facilities and equipment	Evaluation Checklist			
	Always / frequently	Sometimes	Never	Actions to consider
I have perimeter fencing around my sheep operation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
My farm has specified practices for cleaning and disinfection.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Feeders and feeding areas are kept in good condition and clean of manure, old feed and other contaminants.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Water bowls and water troughs are kept in good condition and cleaned regularly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All medications and treatments are stored securely in appropriate conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Equipment used to move and handle deadstock is kept in good condition, cleaned and disinfected immediately after each use.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Manure is removed regularly and stored securely.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I store feed in a location that is secure from access by pests and animals.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I provide quality, clean water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Clean bedding is stored in a manner that keeps it free from contamination from animal products (e.g. feces).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Soiled bedding is removed regularly and disposed of away from the flock.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Needles and scalpels are only used once and then discarded into a suitable container	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Deadstock is immediately removed and stored in an area away from the flock, facilities, food and water, and secure from scavengers, dogs, cats and pests.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I have a dedicated vehicle to transport incoming and outgoing animals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I have dedicated equipment for each: feed, manure and deadstock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Based on the evaluation for farm, facilities and equipment:

1. What farm, facilities and equipment gaps have I identified on my farm?

2. What steps can I take to correct these gaps?

4. People

Biosecurity practices for people	Evaluation Checklist			
	Always / frequently	Some-times	Never	Actions to consider
All farm workers on my sheep farm understand the biosecurity practices that apply to their work.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I have specific restrictions for visitors who have previously visited another sheep farm or a foreign country	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I keep a record of people: a) entering my farm and b) coming into contact with my livestock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Based on the evaluation for people:

1. *What people gaps have I identified on my farm?*

2. *What steps can I take to correct these gaps?*

This Risk Assessment was completed by:

Producer Veterinarian Agrologist Industry Other

Name _____ License or registration # (if applicable) _____

Contact #: _____

Signature _____ Date _____

Submit this On-farm Biosecurity Risk Assessment alongside your application form and required documents to:

Growing Forward 2 Animal Health Biosecurity Producer Program

Alberta Agriculture and Forestry

1st floor, O.S. Longman Building

6909 – 116 Street NW, Edmonton, AB

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