



# On-Farm Biosecurity Risk Assessment

## Section A. Purpose of the On-Farm Biosecurity Risk Assessment

This on-farm risk assessment is to be completed by Alberta Egg Farmers applying for funding under the Growing Forward 2 Animal Health Biosecurity Producer Program. This assessment must be submitted with your application form in order for your project to be considered for funding.

This assessment provides an opportunity to evaluate your current Biosecurity program and provides some suggestions on potential projects. Note: these are not the only eligible projects under this program, they are simply examples to generate further ideas. This assessment has been developed based on the National Avian On-Farm Biosecurity Standard and the Canadian egg industry’s Start Clean – Stay Clean program. If you require additional information or are looking for additional project suggestions, please reference the standard or SC-SC program.

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 Growing Forward 2 Animal Health Biosecurity Producer Program will reimburse the cost of the assessment visit up to \$250. If this is the case, please include this expense in your application form.

## Section B. Applicant Information

<b>Legal Applicant Name</b>				
<b>Primary contact</b>				
<b>Mailing address</b>				
<b>Phone #</b>				
<b>E-mail</b>				
<b>Premises ID #</b>				
<b># pullets on farm</b>				
<b># adult layers on farm</b>				
<b>Frequency and # birds received on farm</b>	1 wk – 3 months	3 to 6 months	6 to 12 months	over 12 months
<b>Frequency and # birds shipped off farm</b>	1 wk – 3 months	3 to 6 months	6 to 12 months	over 12 months

## Section C. On-Farm Biosecurity Assessment

Answer each question by checking in either the yes or no box. Identify any project(s) you will develop related to the question by either circling a proposed project in the “**Actions to Consider**” column or adding a new project in the blank space.

<b>Access Management</b>			
Access management refers to the creation of designated zones to access/exit the barn and premises where animals are housed.			
<b>Assessment Element</b>	<b>Yes</b>	<b>No</b>	<b>Actions to Consider</b>
Is the premises surrounded by a fence, secured with a gate that can be locked and closed?			<ul style="list-style-type: none"> <li>• Perimeter fencing</li> <li>• Lockable gates and doors</li> <li>• Signage</li> <li>•</li> </ul>
Is there a separate parking area away from the production unit, including the air intakes and exhausts?			<ul style="list-style-type: none"> <li>• Parking area away from the barn</li> <li>• Parking signage including contact information</li> <li>•</li> </ul>
Are your internal roads passing close to several barns?			<ul style="list-style-type: none"> <li>• Re-design / re-build internal roads to prevent cross contamination via vehicle traffic</li> <li>•</li> </ul>
To prevent unauthorized access, are all doors to your production unit (Controlled Access Zone – CAZ) lockable and posted with “No Entry” signs?			<ul style="list-style-type: none"> <li>• Door locks</li> <li>• Alarm system</li> <li>• “No Entry” signage</li> <li>• Lighting at barn entrances</li> <li>•</li> </ul>
Do you keep a visitor log?			<ul style="list-style-type: none"> <li>• Maintain visitor log</li> <li>•</li> </ul>
Does the egg cooler have an external door for egg pick up?			<ul style="list-style-type: none"> <li>• Construct a dedicated entrance / loading dock for egg pick-up</li> <li>•</li> </ul>
Does each production unit (CAZ) entrance have a transition/change area for people entering the barn to change into designated clothing and footwear?			<ul style="list-style-type: none"> <li>• Construction of a change room</li> <li>• Lockers / storage for clean and dirty clothes</li> <li>• Hand wash / sanitation facilities</li> <li>• Shower facility</li> <li>•</li> </ul>
Is a hand washing facility or sanitizing lotion available at all entry points?			<ul style="list-style-type: none"> <li>• Hand wash station</li> <li>• Sanitizer dispenser</li> <li>•</li> </ul>
Is the restricted access zone (RAZ) clearly defined with signs, painted lines, walls or a Danish entry?			<ul style="list-style-type: none"> <li>• Signage</li> <li>• Wall to separate zones</li> <li>• Danish Entry (bench)</li> <li>•</li> </ul>

Are there designated clean clothing and footwear available for everyone entering the RAZ?			<ul style="list-style-type: none"> <li>• Dedicated barn clothing &amp; footwear</li> <li>• Visitor disposable outer clothing</li> <li>• In-barn washer and dryer</li> <li>•</li> </ul>
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**Based on the evaluation for Access Management Practices:**

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

**2. What projects can I develop to correct the gaps?**

<b>Animal Health Management</b>			
Animal Health Management refers to monitoring of animal health.			
	<b>Yes</b>	<b>No</b>	<b>Actions to Consider</b>
Do you record information on animal production			<ul style="list-style-type: none"> <li>• Computer system to monitor flock data (feed &amp; water consumption, humidity, air quality etc.)</li> <li>• Ammonia meter</li> <li>• Barn thermometers</li> <li>• Regular monitoring of flock production</li> <li>•</li> </ul>
Has your flock had any health issues linked to inappropriate barn environment?			<ul style="list-style-type: none"> <li>• Improved ventilation system</li> <li>• Improved temperature control</li> <li>• Improved flock density and caging designs</li> <li>•</li> </ul>
Do you keep flock health records (vaccinations, medications, veterinary visits, etc.)			<ul style="list-style-type: none"> <li>• Computer system to create and maintain flock records</li> <li>• Regular flock health assessment</li> <li>• Improved methods of administering vitamins and medications</li> <li>•</li> </ul>



Is manure properly handled and stored to minimize the risk of transferring disease organisms to your flocks?			<ul style="list-style-type: none"> <li>Enhanced manure storage and disposal sites</li> <li>Dedicated equipment for manure handling</li> <li></li> </ul>
Is production unit equipment shared or borrowed from another building?			<ul style="list-style-type: none"> <li>Dedicated barn equipment for cleaning and maintenance</li> <li></li> </ul>
Do you have adequate cleaning and disinfection equipment?			<ul style="list-style-type: none"> <li>Hot pressure washer</li> <li>Dedicated disinfection equipment</li> <li>Blower</li> <li>Vacuum</li> <li></li> </ul>
Are floors, walls and ceiling constructed of material that is durable, smooth and cleanable?			<ul style="list-style-type: none"> <li>Concrete flooring</li> <li>Plastic liner for wall surfaces</li> <li></li> </ul>
Is all garbage stored in covered containers in an area away from your birds and eggs?			<ul style="list-style-type: none"> <li>Sealed garbage containers</li> <li>Construction of a separate garbage area</li> <li></li> </ul>
Are all chemicals stored in the production unit stored safely, away from feed, and in accordance with provincial guidelines?			<ul style="list-style-type: none"> <li>Lockable storage for chemicals</li> <li>Signage for chemical storage area</li> <li>Material Safety Data Sheets for all chemicals stored</li> <li></li> </ul>
Is feed storage area maintained to prevent contamination of feed by water, wild birds, rodents and insects?			<ul style="list-style-type: none"> <li>Enhanced feed storage</li> <li></li> </ul>
Is the facility maintained to limit and reduce pest access to the production unit?			<ul style="list-style-type: none"> <li>Gravel perimeter</li> <li>Grade around barn to promote good water drainage</li> <li>Screening on fans and inlets</li> <li>Tight fitting doors and windows</li> <li></li> </ul>
Is there an effective pest management program for rodents, flies and wild birds in place?			<ul style="list-style-type: none"> <li>Wild bird deterrents</li> <li>Rodent bait stations &amp; traps</li> <li>Fly traps, black lights</li> <li>Ongoing pest control monitoring</li> <li>Hire a pest management company to complete an assessment</li> <li></li> </ul>
Is there a water management program in place? <ul style="list-style-type: none"> <li>Are water lines flushed and cleaned routinely?</li> <li>Are bird drinkers cleaned routinely?</li> </ul>			<ul style="list-style-type: none"> <li>Improved drinkers</li> <li>Water treatment system</li> <li>Closed drinking system</li> <li>Regular water quality assessment</li> <li></li> </ul>

○ Do birds have access to potable water?			
Do you have a written biosecurity plan?			• Write farm specific biosecurity plan
Has your biosecurity plan been communicated to staff, are all staff trained on the plan?			• Biosecurity training •
<p><b>Based on the evaluation for Operational Management Practices:</b></p> <p><b>1. What operational management gaps have I identified on my farm?</b></p>    <p><b>2. What projects can I develop to correct the gaps?</b></p>			

**Section D. On-Farm Biosecurity Project(s)**

Write down which on-farm biosecurity project(s) you will develop to address biosecurity needs identified on this risk assessment.

1.	
2.	
3.	

This Risk Assessment was completed by:

Producer     Veterinarian     Agrologist     Other \_\_\_\_\_

<b>Name</b>	
<b>License or Registration #</b> <i>(if applicable)</i>	
<b>Contact Phone #</b>	
<b>Signature</b>	
<b>Date</b>	

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

Growing Forward 2 Animal Health Biosecurity Producer Program  
Alberta Agriculture and Forestry  
1<sup>st</sup> Floor, O.S. Longman Building  
6909 – 116 Street  
Edmonton, AB, T6H 4P2