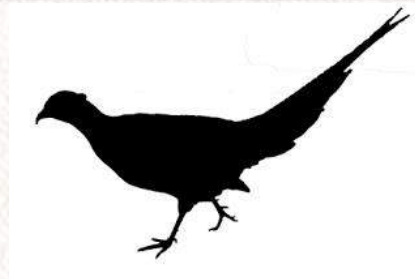
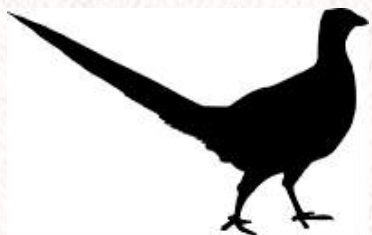




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PHEASANTS, Inc.



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Research Manager

2018 MacFarlane Pheasants, Inc.

International Seminar

Biosecurity





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Biosecurity

What is it? Biosecurity is the procedures intended to protect humans or animals against disease or harmful biological agents

Why do we need to follow a plan? If a plan is not in place and followed you need to make sure your insurance will cover a catastrophic loss – just in case. It is better for the birds and employees if a plan is followed.

- "Biosecurity is inconvenient," recognizes Travis Schaal, director of GP Production & Internal Vet Services at Hy-Line International. Nevertheless, Schaal considers that without good biosecurity protocols, it can be more expensive for a producer to deal with the consequences of not protecting animals from diseases or harmful biological agents. (WATTAgNet.com publication 1/30/18)



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- **Standard level biosecurity plan**

- This is the plan that is in effect every day for every employee and approved visitors to the farm premises. This plan identifies the different areas of operation contained within the farm and addresses the mandatory SOP's for maintaining good biosecurity. All employees must be educated to, and comply with, the protocols.

- **Elevated level biosecurity plan**

- This plan is put into effect after identification of a suspect premises. This plan's purpose is to stop movement of poultry, equipment, and non-essential traffic in order to contain the AI virus introduction until the NVSL completes typing of samples. If NVSL i.d. samples as other than H5H7, the farm goes back to SLB.

- **Critical level biosecurity plan**

- This is implemented if samples sent to NVSL are H5H7. His plan's purpose is to stop movement of poultry, equipment and non-essential traffic in order to contain an H5H7 a.i. introduction.



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Employees



- Employees are required to come to work each day showered and with clean clothing
- MacFarlane Pheasants provides each employee with at least 1 pair of farm shoes that they are required to wear on the farm and not remove them from the premises. They come to work in their personal shoes and change into their farm shoes on the farm.
 - If an employee works in multiple departments they have separate shoes for each department
- Employees are not allowed to own birds or any type of poultry and if they come in contact with poultry outside of work they are to be away from them for a minimum of 24 hours before returning to work. They are not allowed to wear the shoes they wore around the outside poultry to the farm.
- If an employee has their vehicle at a park where there is a lot of goose and/or duck feces, go hunting, or visit somewhere with poultry they are required to wash their vehicle before it is driven back onto the farm.
 - Hunting clothing (that is not cleaned thoroughly), equipment, and boats are not allowed on the premises.



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Maintenance Crew

- If at all possible they will complete work orders from youngest to oldest
- Required to follow same biosecurity guidelines as the staff in those areas
 - Brooder and Hen Barn areas require uniforms and booties in the barn
 - Maintenance is also required to wear a uniform and booties at the hatchery





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Visitors

- Visitors are required to be away from poultry for a minimum of 48 hours
- May park at the office, but can not cross through the gate in their personal vehicle
- Required to be showered, wear clean clothing, wear shoes that have not been exposed to poultry
 - Visitors will be given plastic booties to wear and if they enter a building other than the office they will be provided with a uniform
 - Very few visitors are allowed into the buildings in order to keep our risk down
- An employee is to accompany any visitor at all times while they are on the farm and the tour will be completed in a farm vehicle
- Bus tours are allowed – bus must be washed before entering the farm and visitors are only allowed into the retail store





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Equipment/Crews

- Machinery (trucks, tractors, skid loaders, etc.) are washed after being used and before being put away
 - This allows for each crew to use a clean piece of machinery
- Crates are washed before entering a barn for bird movement
- Keep crews separate the best that we can
 - Hen Barn staff does go to the Hatchery to hatch the pedigree flocks. The staff is required to wear hatchery shoes or booties and also a uniform if they have already been in the barn that day
- Mortality is picked up by the Farm Management Crew and taken to the composter to keep the crews raising birds away from the 'dirty' area
- Farm Management Crew runs the manure belts on the outside of the Hen Barn while the Hen Barn staff is inside – keeps the inside employees away from the 'dirty' stock piles





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Tire Wash Disinfection





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Synergize

- Only approved outdoor tire disinfection
 - Needs to sit for 10 minutes in order to properly work
- Tire disinfection reminds employees to keep biosecurity in the forefront of their minds
- Tire wash stations are at all entrances to the farm and are in use when the weather is above freezing





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Danish Entry Entrance





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Disinfection

- Footbaths are placed outside of all barn doors
 - Employees scrub the organic matter off shoes before entering the barn
- Disinfection mats are placed inside entrance doors
 - 1oz Virocid per gallon of water
- Egg Wash uses DM Cid to wash the eggs
 - Gil S Quat
- Hatchery uses a rotation of Bio-gel, Tornax, Cid Foam to clean
 - Disinfectants are Quatrocide, Clinafarm, and Virocid





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MacFarlane Pheasants, Inc. Biosecurity Sign-off



I _____ have watched the biosecurity videos

(Print Name)

for MacFarlane Pheasants, Inc. I understand the biosecurity measures and all my questions have been answered by my home department manager.

Check all that apply.

- Entrance Tire Wash
- Danish Entry
- Home Department _____

Signature

Date





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VISITORS

**PLEASE RESPECT
FARM BIOSECURITY**

Please phone or visit the office before entering
(Customise contact details)

**Do not enter property without prior approval.
Keep to roadways and laneways.**

Phone: (add phone number)

NO ENTRY

**WITHOUT
AUTHORIZATION
BIOSECURITY
MEASURES
ARE IN
EFFECT**

Disease
Prevention Area

STOP

Check with Management
Prior to Entry



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PLAN
 PREPARE
 PERFORM



LOOK
for Signs.



REPORT
Sick Birds.



PRACTICE
Backyard Biosecurity.



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Questions?