

Reduce the need for antimicrobials in agrifood systems

When developed over time, a biosecurity plan will help you prioritize and manage your biosecurity risks. This poultry biosecurity checklist represents the best practices for protecting your birds from the introduction and spread of pests and diseases. To develop your poultry biosecurity plan in stages, tick Y for the practices you currently do, N for those you don't, NR for irrelevant to your farm and P for those currently high priority to address. Choose 1-3 priority actions at a time to focus on. Draw a basic farm map below, noting the key entry and exit points, clean and dirty zones, poultry housing structures and any demarcated waste sites.

Plan completed by _____
Date completed _____
Farmer name/s _____
Farm worker name/s _____
Animal health professionals:
Name _____ Contact _____

FARM MAP

STRENGTHEN FARM
BIOSECURITY FOR HEALTH
AND WEALTH

POULTRY
BIOSECURITY
PLAN

Protect your birds from pests and diseases for improved health and wealth.



Poultry Health Y N NR P **1**

Do you have the following procedures for incoming birds to ensure they do not introduce disease?

Do you check the health and welfare of your birds daily?

Do you identify and isolate sick birds from the main group in a quarantine area?

Do you seek animal health professional advice for sick birds?

Do you keep records of:

Sick or injured birds and bird treatments?

Bird deaths?

Segregation Y N NR P **2**

Do you separate different bird types and ages?

Do you keep different poultry species separate from each other, including water and feed sources?

Do you have a separate poultry house for growing chicks and layer birds?

At least 100 feet apart?

Do you quarantine new birds?

Do you ensure that day-old chicks, breeding stock and replacement birds are obtained from a reliable source?

Do you make sure they are in good health before buying them?

Do you keep new birds away from existing flocks for at least 21 days and observe birds for signs of disease before introducing them to the flock?

Farm Workers Y N NR P **3**

Are farm workers trained in the following practices?

Wash hands, change clothes and footwear before entering the farm and shed area.

Wear protective clothing and footwear when carrying out farm operations.

Footwear should be scrubbed and disinfected when moving between flocks or sheds.

Movement around the farm coordinated to minimize unnecessary contact with birds.

Do not handle birds on the farm when sick.

Clothing should be changed when leaving the farm.

Avoid poultry rearing activities outside the farm.

Avoid visiting other livestock farms, slaughterhouses, and live bird markets as much as possible.

Avoid working in dirty areas prior to working in poultry sheds.

Avoid engaging with birds after doing dirty farm work (e.g. sorting eggs, cleaning farm premises)

Do you:

Provide protective clothing for all farm workers that is clean and comfortable?

Assign farm workers to specific poultry houses to minimize the risk of routine contact with different groups of birds?

POULTRY BIOSECURITY PLAN

Shed, Equipment and Transport Y N NR P **4**

Do you have a well-designed poultry shed/house?

Is the poultry house in a fenced area, at a distance away from other poultry houses in your community?

Are the roof, wall and floors constructed to allow free air flow and proper drainage?

Can the floors easily be cleaned?

Do you practice good cleaning and disinfection?

Do you keep poultry farms and individual sheds clean throughout the production cycle (floors, walls, roofs, netting)?

Do you make sure that equipment used on the farm and the interior of poultry houses are cleaned regularly (drinkers, feeders, any other tools used)?

Do you maintain a schedule for cleaning and disinfecting sheds?

Do you provide dedicated equipment, clothing and footwear for use in each shed?

Do you clean and disinfect poultry houses before the arrival of new birds?

Do you use disinfectant regularly?

Do you consistently follow the manufacturer's instructions for preparing disinfectant solutions, for commercial disinfectants?

Do you consistently prepare the correct solutions for other disinfectants according to the guidance?

Do you clean and disinfect poultry houses after a disease has spread in your flock?

Do you ensure that hand wash stations exist on farm premises so people can wash their hands before and after entering sheds?

Are footbaths appropriately used properly at the entrance of the poultry house at all times? (with the provision of a scrubbing brush for boots)

Do you ensure that foot dips are replenished with fresh disinfectant solution daily?

Use tire dips/sprays for transport and visitor vehicles.

Poultry Disease Outbreak Preparedness Y N NR P **5**

Do you know:

Who to call to notify if you see unusual signs of disease or suspect a significant poultry disease outbreak?

What disease signs in humans might be related to disease in your birds?

Do you have a plan for:

Quarantining birds for at least four weeks if movements were not allowed?

Humanely culling birds on-site if required?

Disposing of bird carcasses if required (e.g. deep burial or burn)?

Other Animals, Pests and Waste Y N NR P **6**

Do you attempt to reduce pests and wild birds encountering your flock?

Do you keep the area around sheds clear and free of stagnant water to reduce the breeding of insects?

Do you practice insect and rodent control in your sheds?

Do you attempt to keep wild birds away from your flock and their water supply?

Do you practice good waste disposal? Farm waste disposal:

Do you have waste disposal sites?

Are they well-demarcated and a safe distance away from the poultry house?

Are dead birds immediately removed from the poultry shed?

Do people have appropriate protective clothing and follow hand hygiene procedures after disposing of dead birds?

Are people engaged in waste disposal activities restricted from handling birds immediately after?

Do you transport dead birds to the disposal site using leakproof materials to prevent contamination of the poultry shed and environment?

Do you minimize the presence of scavenging birds and rodents at disposal sites by following standard procedures for waste disposal (e.g., deep burial or burning)?

Farm Visitors Y N NR P **7**

Do you:

Control access to your poultry and poultry shed by visitors, contractors and equipment?

Minimize visitors to persons needed on the farm, such as community animal health workers, para-veterinarians, veterinarians, animal production officers and other categories of agricultural extension workers?

Restrict live bird traders and people who come to the farm to buy eggs visiting poultry sheds?

Restrict people who also keep poultry or frequently visit other poultry visiting poultry sheds?

Have signs explaining biosecurity rules at the entrance to your farm and poultry house?

Have clean (where your poultry is housed and handled) and dirty areas (other parts of the property where access is less controlled) on your property?

Record people's movements into and out of your poultry sheds?

Do you consistently ask visitors:

Have they had contact with other animals in the last 48 hours?

Have they been sick with respiratory or gastrointestinal signs in the last 48 hours?

Have they recently returned from far-distance travel?