NPIP BIOSECURITY PRINCIPLES TEMPLATE

BIOSECURITY

TECHNICAL REFERENCE SERIES

USPOULTRY®
U.S. POULTRY & EGG ASSOCIATION

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This technical reference guide serves as template in the implementation of biosecurity plans following the NPIP biosecurity principles. This can be used to track progress during implementation and any continuous improvement activity.
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I. **General Information for Biosecurity Plan:**

    A. Operator Name:
    B. Farm Name:
    C. Physical address
    D. Mailing address:
    E. Phone number:
    F. Biosecurity Coordinator's Name:

II. **Training:**

    A. Perimeter Buffer Area (PBA) and Line of Separation (LOS) Training and Communication:
        - Describe standard operating procedure (SOP) for in-farm personnel, visitors, equipment, and vehicles to enter and leave the perimeter buffer area.
        - Provide materials for training.
        - Keep documentation of completed training.

III. **Line of Separation & Perimeter Buffer Area**

    A. Standard Operating Procedure:
        - Provide description of the LOS and the PBA.
        - Describe procedure to cross the LOS and PBA to enter and a procedure for exit.

IV. **Personnel**

    A. Provide SOP and available Personal Protective Equipment (PPE) for site dedicated personnel.
    B. Provide SOP and available Personal Protective Equipment (PPE) for non-farm personnel.
    C. Describe risk mitigation procedures for employees returning from hunting or having contact with wild birds, backyard poultry or pet birds.

V. **Wild Birds, Rodents, and Insects**

    A. Wild Birds:
- Describe control measures to protect poultry from wild birds, feces, and feathers.
- Keep documentation of implementation and maintenance.

    B. Rodents:
- Describe rodent control plan and documentation of implementation and maintenance.

    C. Insects:
- Describe insect control plan and documentation of implementation and maintenance.

VI. **Equipment**

    A. Provide SOP and equipment dedicated to cleaning, disinfection of equipment and vehicles.
    B. Define areas of vehicle access and traffic patterns.

VII. **Dead Bird Disposal**

    A. Describe mortality disposal plan specifying:
- Frequency of removal.
- Mortality storage.
- Disposal areas.

    B. Keep documentation of implementation and maintenance.

VIII. **Manure and Litter Management**

    A. Describe manure and litter removal and storage plan:
- Designate a controlled access point for the movement of people, vehicles and, equipment.
- Describe procedure for cleaning and disinfection of premises after manure/litter removal.
- Describe procedures to restore PBA and LOS after manure/ litter removal.

IX. **Replacement Poultry**

    A. Sourcing:
- Keep records of source hatchery/ pullet farm.

    B. Delivery/ Restocking:
- Provide SOP for entering house for placement.

X. **Water Supplies**

    A. Identify water source crossing LOS.
- It should be preferably from well or municipal source.
    B. Describe a water risk assessment and establish a treatment program.
    C. Describe water testing schedule to ensure safety.

XI. **Feed and Replacement Litter**

    A. Describe storage and handling of grain and/or feed in a way that prevents contamination.
    B. Describe storage and handling of fresh litter in a way that prevents contamination.

XII. **Reporting of Elevated Morbidity or Mortality**

    A. Identify persons and entities that should be notified of elevated morbidity or mortality.
    B. Keep contact information on site for immediate reporting.

XIII. **Auditing**

    A. Keep records on: Training, biosecurity principles, monitoring records, any corrective actions taken, and the biosecurity coordinator's annual review.

For more information on the NPIP Biosecurity Principles and for examples and tips on designing and implementing biosecurity plans please visit:

http://www.uspoultry.org/animal_husbandry/

http://www.poultryimprovement.org