



Biosecurity Farm Management

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Product Category	<ul style="list-style-type: none"> Disinfectants for Biosecurity Farm Management
Application	<ul style="list-style-type: none"> Disinfection of boots and farm vehicles Prevent the spread of disease from vehicles and equipment on the farm Secure hygiene livelihood of animals in raising houses
Key Function(s)	<ul style="list-style-type: none"> Sustain microorganism decontamination Achieve high-alert farm management

Biosecurity is a set of practices that prevent the spread of disease among animals, carrier animals such as pests, insects, birds, people, and the environment. It's important for protecting the health of animals, the safety of people, and the quality of food.

Here are some ways to practice biosecurity:

- Create
Develop a biosecurity plan that's specific to your farm and animals. The plan should address how to keep a clean and dirty line between the farm and the outside environment.
- Train people
Ensure that anyone who interacts with animals is properly trained on how to enter animal housing areas. This may include changing outerwear or using disposable boot coverings.
- Disinfect
Use disinfectants to prevent the spread of infectious diseases. You can disinfect livestock housing, vehicles, surfaces, and equipment.
- Consider visitors
Visitors can introduce disease to a herd, so it's important to consider them. Track previous record of visitors if they have already been visiting the same species of animals in the passing weeks. Verify and allow only tolerant entry levels where animals can be 100% separated from susceptible new visitors and incumbent farm workers.

Some common ways that disease spreads on a farm include:

- Dirty vehicles
- Airborne disease
- Direct contact between animals
- Dirty equipment, clothing, and footwear
- Diseased animals, pests, insects, birds
- Animals that have recovered from disease but are now carriers
- Contaminated water
- Contaminated feed and dirty bedding

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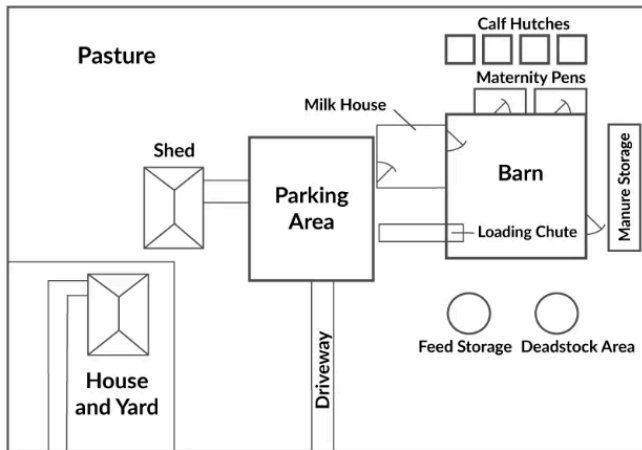


Diagram 1: Sample layout of a dairy farm.

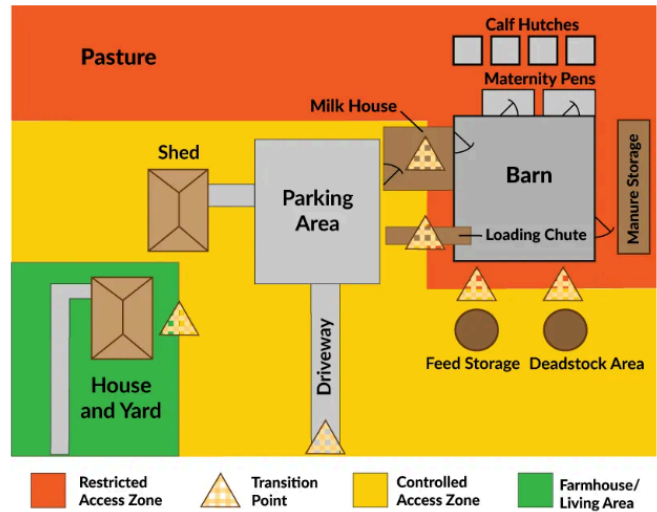


Diagram 2: Dairy farm layout with biosecurity zones.

At Stellar Unity, we have experienced and been challenged in dealing with previous highly communicable diseases of chickens such as H5N1 avian influenza with vast lessons learnt. Many disinfectants have been tried and studied with vast knowledge and understanding. There are different types of disinfectant programs available at Stellar Unity that farm supervisors can choose, pick, and evaluate for their own farm security management. Together with many disinfectants we promote, we can also bring in monitoring systems and engineering tools to install them in order to achieve high-standard biosecurity farm management.

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