



# BIOSECURITY CHECKLIST

**VARGA LAB**  
INFECTIOUS DISEASE EPIDEMIOLOGY

**I** College of  
Veterinary Medicine  
UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

- Mark the farm entry gate and each farm area access point with a sign and protect it with a suitable barrier.
- Write explicit biosecurity instructions at each access point if needed
- Establish a separate parking area for non-farm vehicles outside the farm premises.
- Limit entry on the farm premises only to authorized vehicles and personnel.
- Establish clean and dirty areas with visible demarcation lines at the farm entrance.
- Require farm employees to remove their clothes and shoes, take showers, and use farm-specific boots and coveralls before starting work.
- Provide clean boots and coveralls to all visitors entering the farm.



- Prevent drivers of livestock and feed trucks from entering to animal areas
- Lock farm buildings when unattended
- Fence all farm premises and regularly check to fix any damages
- Use barriers to limit wild animals, birds, and pets' access to the farm premises.
- Implement pest (rodents, insects, ticks) population control measures at your farm
- Design a suitable place out of the farm for dead animal disposal bins and garbage
- Clean and disinfect all equipment brought into your farm
- Clean and disinfect livestock and feed trucks before entering the farm for loading.
- Clean and disinfect quarantine and isolation areas between groups of animals
- Always fill foot baths with an appropriate disinfectant. Ensure that all personnel and visitors use it before entering the farm premises.
- Remove all manure and disinfect walls and floors
- Wash farm clothing regularly

- Test water regularly if the source is surface water
- If possible, use safe sources such as municipal sources to provide cattle water
- Try to provide new animals for your farm from limited and trusted sources
- Always test and quarantine all newly added animals
- Always consider animals that left the herd temporarily the same as new animals and quarantine them
- Routinely monitor the health status of all cattle to identify and isolate sick cattle immediately.
- Vaccinate your herd against infectious diseases according to your farm veterinarian's directions and keep all records.
- Provide detailed biosecurity protocols and complete training to all farm employees
- Routinely evaluate and update the farm biosecurity plans and employees training

