

STEP 1: MOVEMENT RISKS AND BIOSECURITY

Items moving on and off your farm/ranch can bring disease. Identifying movement risks can help you prevent them. Check the box that best describes how often each movement occurs. Are most of your checkmarks in the two left columns (lower risk)? Great! Fewer movements help keep disease away from your animals. Do you have items marked in the three right columns (higher risk)? Those need your attention first. Pick one or two to start. Find Biosecurity Tip Sheets (available at: cfsph.iastate.edu/biosecurity) to learn about changes you can make. Continue working on biosecurity with Step 2: Biosecurity checklist and Step 3: Biosecurity Plan template to write your biosecurity plan. These resources can help you protect your animals' health!

		INCREASING LEVEL OF RISK → → → → →				
INPUTS/OUTPUTS	MOVEMENT	NEVER	YEARLY	MONTHLY	WEEKLY	DAILY
Animals and Animal Products	Incoming animals/birds					
	Outgoing animals/birds					
	Semen/embryos					
	Milk, colostrum, eggs (whole shell, liquid, hatching)					
	Dead animal removal					
	Manure, litter, or compost removal					
Deliveries	Feed					
	Bedding					
	Fuel, propane, CO2					
	Livestock/poultry trucks, trailers					
	Mail, package delivery services, etc.					
Personnel	People with animal contact					
	People without animal contact					
Other	Trash, recycling					
	Wildlife, rodents, birds, neighbor dogs or cats					
	Grounds keeping					
	Traffic related to residence, home					



EXPLANATION OF MOVEMENTS

ANIMALS AND ANIMAL PRODUCTS

- Incoming animals: New animals added to the herd/flock, or animals returning from shows, fairs, or breeding.
- Outgoing animals: Animals leaving the herd/flock for good, or those going to shows, fairs, or breeding that will return.
- Animal products: Semen, embryos, milk, eggs, etc. that may come onto or leave the operation.
- Carcass removal: Carcasses picked up by rendering trucks that may visit other operations.
- Manure, litter, or compost removal: Hauler coming onto the property that may visit other farms/ranches.

DELIVERIES

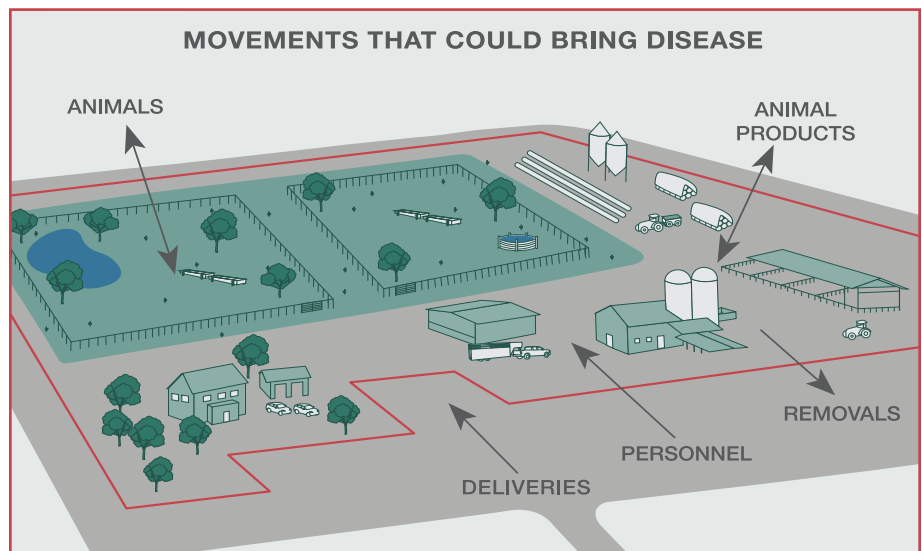
- Items like vehicles, trucks or trailers that come onto the property that may go to other animal operations.
- Feed deliveries include bagged or bulk ingredients, hay, silage, grain, mixes, etc.
- Other delivery types like mail, package delivery, drugs, supplies etc.

PERSONNEL

- People with or without animal contact: Workers, family members, veterinarians, AI techs, extension, agritourism visitors with animal contact.
- People without animal contact: Maintenance, electricians, other service providers, agritourism visitors without animal contact, produce stands, seed, meat or egg sales.

OTHER

- Trash, recycling: Vehicles that come onto the property that may go to other animal operations.
- Wildlife, rodents, birds, neighbor pets: Variety of animals that may have contact with the herd/flock (or farm).
- Grounds keeping equipment: Skid loaders, mowers, tractors, etc. that may be used on other animal operations.
- Traffic related to residence/home: Vehicle traffic, school bus, deliveries, etc. that drive past animals or animal areas.
- Other items not listed: Fill in the blank with any other items that come onto or go off of your operation.



ACKNOWLEDGMENTS

Development of this material was made possible through grants provided to the Center for Food Security and Public Health at Iowa State University, College of Veterinary Medicine from the U.S. Department of Agriculture (USDA) Animal and Plant Health Inspection Service through the National Animal Disease Preparedness and Response Program (NADPRP) and National Institute of Food and Agriculture, under award number AWD-021794-00001 through the North Central Region SARE program under project number ENC19-176. USDA is an equal opportunity employer and service provider. Any opinions, findings, conclusions, or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the view of the USDA. Iowa State University is an equal opportunity provider. For the full non-discrimination statement or accommodation inquiries, go to extension.iastate.edu/diversity/ext.