



Biosecurity Plan Template

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Overview

Use this three-step process to develop your biosecurity program:

- **Step 1:** Use this form to create a biosecurity plan for both routine daily operations and an enhanced plan for use during an animal disease outbreak.
- **Step 2:** Fill out the Inputs/Outputs and Contingency Planning form at www.bqa.org/Media/BQA/Docs/sbs_inputs-outputs_12-07-2020-62.pdf.
- **Step 3:** Attach a labeled premises map to the end of this plan. See Creating a Premises Map for a Biosecurity Plan at www.cfsph.iastate.edu/Assets/biosecurity-form-creating-a-premises-map.pdf to learn how to make and label a farm/ranch map.

Adapted from materials provided by Beef Quality Assurance (www.bqa.org), the Center for Food Security and Public Health (www.cfsph.iastate.edu/biosecurity) and the Secure Beef Supply Plan (www.securebeef.org)

STEP 1: BIOSECURITY PLAN – COW-CALF AND STOCKER RANCHES

This is a template to assist cattle operations in development of a biosecurity plan for:

Daily use:

- Have preventive health and husbandry protocols in place to maximize cattle immunity.
- Limit introductions of disease through movement restrictions of animals and animal products, people, vehicles and equipment; and disease testing and quarantine protocols for incoming animals.
- Limit spread of diseases already on the ranch through cleaning and disinfecting, proper manure management and carcass disposal control of rodents, birds, other animals and wildlife.

Emergency use:

- Initiate enhanced preventive measures based on the Secure Beef Supply Plan in case of a foreign animal disease or other animal health emergency.

This plan should be developed in conjunction with the herd veterinarian and updated annually. Complete the form as thoroughly as possible. Please note that enhanced biosecurity measures may be updated during an outbreak based on recommendations or requirements from animal health officials.



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FARM/RANCH INFORMATION

FARM/RANCH NAME _____

WRITTEN/REVIEWED (DATE) _____

WRITTEN/REVIEWED BY
(NAME AND POSITION) _____

SCOPE OF BIOSECURITY PLAN

ADDRESS
(STREET ADDRESS,
CITY, STATE, ZIP) _____

GPS COORDINATES _____

PREMISES ID OR PIN* _____

*Work with your state animal health official to request a free PIN for your premises.

OWNER CONTACT INFORMATION

OWNER
(NAME) _____

PHONE (HOME) _____

PHONE (CELL) _____

EMAIL ADDRESS _____

BEEF QUALITY ASSURANCE CERTIFIED ☐ YES ☐ NO DATE: _____

BIOSECURITY MANAGER CONTACT INFORMATION (IF DIFFERENT FROM OWNER)

BIOSECURITY MANAGER
(NAME) _____

PHONE (HOME) _____

PHONE (CELL) _____

EMAIL ADDRESS _____

BEEF QUALITY ASSURANCE CERTIFIED ☐ YES ☐ NO DATE: _____

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VETERINARIAN CONTACT INFORMATION

VETERINARIAN (NAME) _____

CLINIC NAME _____

PHONE (OFFICE) _____

PHONE (CELL) _____

EMAIL ADDRESS _____

SPECIES AND BUSINESSES ON THE FARM/RANCH

BEEF CATTLE

- ☐ COW CALF
- ☐ STOCKERS
- ☐ SHOW CATTLE
- ☐ OTHER (DESCRIBE)

BEEF CATTLE HOUSING

- ☐ PASTURE
- ☐ DRY LOT
- ☐ BUILDINGS
- ☐ OTHER (DESCRIBE)

OTHER SPECIES ON THE PROPERTY?

- ☐ DAIRY
- ☐ SWINE
- ☐ SHEEP
- ☐ GOATS
- ☐ POULTRY
- ☐ WILDLIFE (LIST IN "OTHER")
- ☐ OTHER (DESCRIBE)

OTHER BUSINESSES ON PROPERTY?

- ☐ YES ☐ NO

IF YES, IDENTIFY BUSINESSES

- ☐ PRODUCE STAND
- ☐ EGG STAND
- ☐ FARM TOURS
- ☐ FEED SALES
- ☐ FERTILIZER SALES
- ☐ COMPOST SALES
- ☐ OTHER (DESCRIBE)

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IMMUNE SYSTEM OPTIMIZATION (Animal Husbandry, Preventive Health Program and Disease Monitoring)

Question	Daily	Enhanced	Comments
INDIVIDUAL ANIMAL IDENTIFICATION (CHECK ALL THAT APPLY)	☐ Ranch tag ☐ Official electronic identification (EID) tag with printed U.S. shield ☐ Official tattoo issued by recognized breed association ☐ Brand issued by brand inspection agency ☐ Ear notch ☐ None ☐ Other	Enter response (if applicable).	Enter response (if applicable).
HEALTH AND TREATMENT RECORDS ARE KEPT CURRENT (INCLUDE LOCATION OF RECORDS)	☐ YES ☐ NO	Enter response (if applicable).	Enter response (if applicable).
ANIMALS HAVE ACCESS TO A CLEAN, DRY PLACE TO REST	☐ YES ☐ NO	Enter response (if applicable).	Enter response (if applicable).
ANIMALS ARE FED BASED ON AGE AND STAGE OF PRODUCTION	☐ YES ☐ NO	Enter response (if applicable).	Enter response (if applicable).
ANIMAL CARETAKERS FOLLOW LOW STRESS CATTLE HANDLING	☐ YES ☐ NO	Enter response (if applicable).	Enter response (if applicable).
ANIMALS ARE CHECKED FOR DISEASE	☐ TWICE DAILY ☐ DAILY ☐ WEEKLY ☐ OTHER	☐ TWICE DAILY ☐ DAILY ☐ WEEKLY ☐ OTHER	Enter response (if applicable).
ANIMAL CARETAKERS WORK WITH HEALTHIEST/ YOUNGEST ANIMALS FIRST, FOLLOWED BY OLDER AND SICK ANIMALS	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).

IMMUNE SYSTEM OPTIMIZATION (CONT.)

Question	Daily	Enhanced	Comments
FARM/RANCH HAS AN ISOLATION AREA FOR SICK ANIMALS	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).
IF FARM/RANCH HAS AN ISOLATION AREA:	ISOLATION AREA IS LOCATED (DESCRIBE LOCATION): THE ISOLATION AREA CAN HOUSE (DESCRIBE ANIMAL CAPACITY):	ISOLATION AREA IS LOCATED (DESCRIBE LOCATION): THE ISOLATION AREA CAN HOUSE (DESCRIBE ANIMAL CAPACITY):	Enter response (if applicable).
VACCINATION PROGRAM DEVELOPED WITH THE HERD VETERINARIAN	☐ YES ☐ NO	Enter response (if applicable).	Enter response (if applicable).
INTERNAL AND EXTERNAL PARASITE CONTROL PROGRAM DEVELOPED WITH THE HERD VETERINARIAN	☐ YES ☐ NO	Enter response (if applicable).	Enter response (if applicable).
NEEDLES CHANGED BETWEEN ANIMALS	☐ YES ☐ YOUNG ☐ ADULT ☐ ALL ☐ NO	Enter response (if applicable).	Enter response (if applicable).
REFRIGERATED MEDICATIONS ARE KEPT AT 36–46 F	☐ YES ☐ NO	Enter response (if applicable).	Enter response (if applicable).

PREVENT INTRODUCTION OF DISEASE: ANIMALS

Question	Daily	Enhanced	Comments
NEW ANIMALS ARE ALWAYS BORN ON THE FARM, NOT PURCHASED	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).
NEW ANIMALS ARE PURCHASED BUT COME FROM PLACES WITH STRICT BIOSECURITY PROGRAMS	☐ YES ☐ NO ☐ NOT APPLICABLE	☐ YES ☐ NO ☐ NOT APPLICABLE	Enter response (if applicable).
NEW ANIMALS ARE TESTED FOR DISEASES WITH CARRIER STATES (ANAPLASMOSIS, JOHNE'S DISEASE, ETC.)	☐ YES ☐ NO ☐ NOT APPLICABLE	☐ YES ☐ NO ☐ NOT APPLICABLE	Enter response (if applicable).
NEW OR RETURNING ANIMALS ARE QUARANTINED BEFORE BEING MIXED WITH THE HOME HERD/FLOCK	☐ YES ☐ NO ☐ NOT APPLICABLE IF YES, THE QUARANTINE PERIOD IS (DESCRIBE HOW LONG AND LOCATION):	☐ YES ☐ NO ☐ NOT APPLICABLE IF YES, THE QUARANTINE PERIOD IS (DESCRIBE HOW LONG AND LOCATION):	Enter response (if applicable).
SEPARATE FEED/WATER EQUIPMENT/VEHICLES USED FOR QUARANTINED ANIMALS	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).

PREVENT INTRODUCTION OF DISEASE: ANIMALS (CONT.)

Question	Daily	Enhanced	Comments
IF FEED/WATER EQUIPMENT/ VEHICLES ARE SHARED THEY ARE CLEANED AND DISINFECTED BETWEEN GROUPS	☐ YES ☐ NO ☐ NOT APPLICABLE	☐ YES ☐ NO ☐ NOT APPLICABLE	Enter response (if applicable).
LIVESTOCK ON ADJACENT PROPERTIES (DESCRIBE DISTANCE BETWEEN PROPERTIES AND TYPES OF BARRIERS/FENCING)	Enter response (if applicable).	Enter response (if applicable).	Enter response (if applicable).
PUBLIC OR SHARED GRAZING LANDS	☐ YES ☐ NO	☐ YES ☐ NO	ATTACH PLAN TO MITIGATE INCREASED RISKS FROM PUBLIC AND SHARED GRAZING LANDS
ANIMAL PRODUCTS INTRODUCED (SEMEN, EMBRYOS, COLOSTRUM OR OTHER DAIRY PRODUCTS)	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).

PREVENT INTRODUCTION OF DISEASE: VEHICLES, EQUIPMENT, PEOPLE AND WILDLIFE

Visit <https://www.bqa.org/resources/biosecurity-resources> for movement tracking logs.

Question	Daily	Enhanced	Comments
FARM/RANCH ACCESS IS LIMITED TO PROTECT THE HERD	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).
ALL MOVEMENTS (ANIMALS, PEOPLE, VEHICLES AND EQUIPMENT) ARE RECORDED	☐ YES ☐ NO	☐ YES ☐ NO	ATTACH MOVEMENT RECORD FORMS
ACCESS POINTS ARE LABELED ON THE AERIAL FARM/RANCH MAP AT THE END OF THIS PLAN	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).
NUMBER OF FARM/RANCH ACCESS POINTS	Enter response (if applicable).	Enter response (if applicable).	Enter response (if applicable).
TYPE(S) OF ACCESS POINT BARRIERS (EXAMPLE: FENCE, GATE, ETC.)	Enter response (if applicable).	Enter response (if applicable).	Enter response (if applicable).
LANGUAGE(S) USED FOR ACCESS POINT SIGNS (EXAMPLE: ENGLISH, SPANISH)	Enter response (if applicable).	Enter response (if applicable).	Enter response (if applicable).
DESCRIBE ACCESS POINT SIGNS (EXAMPLE: PHONE NUMBER TO CALL FOR ENTRY, BIOSECURITY PROTOCOL FOR ENTERING, ETC.)	Enter response (if applicable).	Enter response (if applicable).	Enter response (if applicable).
DESCRIBE VISITOR PARKING AREA LOCATION (MUST BE AWAY FROM ANIMAL AREAS)	Enter response (if applicable).	Enter response (if applicable).	Enter response (if applicable).
PARKING AREA IS LABELED ON THE AERIAL FARM/RANCH MAP AT THE END OF THIS PLAN	☐ YES ☐ NO ☐ NOT APPLICABLE	☐ YES ☐ NO ☐ NOT APPLICABLE	Enter response (if applicable).

PREVENT INTRODUCTION OF DISEASE: VEHICLES, EQUIPMENT, PEOPLE AND WILDLIFE (CONT.)

Question	Daily	Enhanced	Comments
ENTRY OF VEHICLES, MACHINERY AND EQUIPMENT IS LIMITED	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).
EQUIPMENT IS SHARED WITH OTHER OPERATIONS	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).
IF EQUIPMENT IS SHARED, IT IS CLEANED AND DISINFECTED BEFORE ENTERING OUR PROPERTY	☐ YES ☐ NO ☐ NOT APPLICABLE	☐ YES ☐ NO ☐ NOT APPLICABLE	Enter response (if applicable).
ANIMAL CONTACT IS LIMITED TO ANIMAL CARETAKERS	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).
ALL PEOPLE THAT HANDLE ANIMALS WEAR CLEAN CLOTHING AND FOOTWEAR AND HAVE CLEAN HANDS	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).
HANDWASHING STATION WITH RUNNING WATER AND SOAP IS AVAILABLE	☐ YES ☐ NO IF YES, LIST LOCATION OF HANDWASHING STATION:	☐ YES ☐ NO IF YES, LIST LOCATION OF HANDWASHING STATION:	Enter response (if applicable).
ADDITIONAL SUPPLIES AVAILABLE FOR PERSONNEL	☐ GLOVES ☐ HAND WIPES ☐ ALCOHOL-BASED HAND SANITIZER ☐ OTHER (DESCRIBE)	☐ GLOVES ☐ HAND WIPES ☐ ALCOHOL-BASED HAND SANITIZER ☐ OTHER (DESCRIBE)	Enter response (if applicable).

PREVENT INTRODUCTION OF DISEASE: VEHICLES, EQUIPMENT, PEOPLE AND WILDLIFE (CONT.)

Question	Daily	Enhanced	Comments
ARE VISITORS ALLOWED ON THE FARM/RANCH?	☐ YES ☐ NO	Enter response (if applicable).	Enter response (if applicable).
IF VISITORS ARE ALLOWED, BARRIERS ARE IN PLACE TO LIMIT CONTACT BETWEEN ANIMALS AND VISITORS	☐ YES ☐ NO	Enter response (if applicable).	Enter response (if applicable).
WILDLIFE HAVE ACCESS TO CATTLE AND PASTURES	☐ YES ☐ DEER/ELK ☐ FERAL HOGS ☐ MIGRATORY BIRDS ☐ OTHER (DESCRIBE) ☐ NO	☐ YES ☐ DEER/ELK ☐ FERAL HOGS ☐ MIGRATORY BIRDS ☐ OTHER (DESCRIBE) ☐ NO	DESCRIBE MEASURES TO LIMIT WILDLIFE ACCESS DURING DISEASE OUTBREAK

PREVENT SPREAD OF DISEASE: FEED AND WATER

	Daily	Enhanced	Comments
FRESH, CLEAN WATER IS AVAILABLE TO ANIMALS THROUGHOUT THE DAY	☐ YES ☐ NO	Enter response (if applicable).	Enter response (if applicable).
SPILLED FEED IS CLEANED UP AS SOON AS IT HAPPENS	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).
FEED IS HANDLED ONLY BY EQUIPMENT USED FOR FEED (NOT MANURE)	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).
EQUIPMENT USED FOR MANURE HANDLING IS CLEANED AND DISINFECTED BEFORE IT IS USED FOR FEED HANDLING	☐ YES ☐ NO ☐ NOT APPLICABLE	☐ YES ☐ NO ☐ NOT APPLICABLE	Enter response (if applicable).

Include Labeled Property Map

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PREVENT SPREAD OF DISEASE: CLEANING AND DISINFECTION (C&D)

Question	Daily	Enhanced	Comments
DISINFECTANT PRODUCTS REGULARLY USED ON THE FARM/RANCH	☐ YES ☐ NO	☐ YES ☐ NO	LIST PRODUCTS HERE
OBJECTS/EQUIPMENT ARE THOROUGHLY CLEANED (VISIBLE DEBRIS REMOVED) BEFORE DISINFECTANT IS APPLIED	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).
DISINFECTANTS ARE USED ACCORDING TO THE PRODUCT LABEL (MIXING, CONCENTRATION, RINSING, STORAGE, ETC.)	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).
DISINFECTANTS ARE ALLOWED TO SIT AND WORK FOR THE PROPER CONTACT TIME	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).
C&D SAFETY MEASURES ARE FOLLOWED	READ ALL PRODUCT LABELS BEFORE USING ☐ YES ☐ NO WEAR RECOMMENDED PROTECTIVE GEAR (RUBBER GLOVES, APRONS, GOGGLES, ETC.) ☐ YES ☐ NO KEEP RUN-OFF AWAY FROM ANIMAL AREAS, DRINKING WATER, WATERWAYS, ETC. ☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).

PREVENT SPREAD OF DISEASE: MANURE, LITTER AND BEDDING

Question	Daily	Enhanced	Comments
MANURE HANDLING AND DISPOSAL FOLLOWS LOCAL AND STATE RULES	☐ YES ☐ NO	 Enter response (if applicable).	 Enter response (if applicable).
ANIMAL HOUSING AREAS ARE CLEANED REGULARLY	☐ YES ☐ NO	☐ YES ☐ NO	 Enter response (if applicable).
YOUNG ANIMALS ARE HOUSED SEPARATELY FROM OLDER ANIMALS ONCE WEANED	☐ YES ☐ NO	☐ YES ☐ NO	 Enter response (if applicable).
BEDDING IS PURCHASED FROM A TRUSTWORTHY SOURCE WITH A QUALITY CONTROL PROGRAM	☐ YES ☐ NO	☐ YES ☐ NO	 Enter response (if applicable).
MANURE STORAGE PROCEDURES: DESCRIBE HOW MANURE IS STORED (EX: PILING, BUNKER, COMPOSTED ON SITE, HAULED TO ANOTHER SITE).	 Enter response (if applicable).	 Enter response (if applicable).	IF NEEDED, MANURE CAN BE STORED ON SITE FOR (LIST NUMBER OF WEEKS, MONTHS, ETC.)

PREVENT SPREAD OF DISEASE: RODENTS AND OTHER ANIMALS

Question	Daily	Enhanced	Comments
RODENT/PEST BAIT USE IS PERFORMED BY FARM PERSONNEL ACCORDING TO LABEL DIRECTIONS	☐ YES ☐ NO	Enter response (if applicable).	Enter response (if applicable).
RODENT/PEST BAIT USE IS PERFORMED BY AN OUTSIDE COMPANY ACCORDING TO PACKAGE LABEL DIRECTIONS	☐ YES ☐ NO IF YES, COMPANY NAME IS:	Enter response (if applicable).	Enter response (if applicable).
TRASH IS REMOVED:	☐ TWICE DAILY ☐ DAILY ☐ WEEKLY ☐ OTHER	☐ TWICE DAILY ☐ DAILY ☐ WEEKLY ☐ OTHER	Enter response (if applicable).
BIRD AND RODENT NESTING IS PREVENTED BY (DESCRIBE, EXAMPLE: SCREENS, BIRD SPIKES, ETC.):	Enter response (if applicable).	Enter response (if applicable).	Enter response (if applicable).
DOGS, CATS AND OTHER ANIMALS ARE PREVENTED FROM ENTERING ANIMAL AREAS	☐ YES ☐ NO	☐ YES ☐ NO	Enter response (if applicable).

PREVENT SPREAD OF DISEASE: CARCASS DISPOSAL

Question	Answer	Comments
CARCASS HANDLING AND DISPOSAL FOLLOWS LOCAL AND STATE RULES	☐ YES ☐ NO	Enter response (if applicable).
DEAD ANIMALS ARE DISPOSED OF PROMPTLY	☐ YES ☐ NO	Enter response (if applicable).
METHODS USED FOR DISPOSAL: (MARK ALL THAT APPLY)	☐ BURNING ☐ BURIAL ☐ RENDERING ☐ COMPOST ☐ LANDFILL ☐ OTHER (DESCRIBE)	PARISH AND STATE CARCASS DISPOSAL REGULATIONS MAY CHANGE DURING AN ANIMAL HEALTH EMERGENCY

FARM/RANCH MAP

FARM/RANCH MAP IS INCLUDED WITH THIS
BIOSECURITY PLAN*

☐ YES

☐ NO

FARM/RANCH MAP INCLUDES THE
FOLLOWING LABELED POINTS (IF
APPLICABLE):

LINE OF SEPARATION (LOS) ☐ YES ☐ NO

LOS ACCESS POINTS ☐ YES ☐ NO

C&D STATION(S) ☐ YES ☐ NO

DESIGNATED PARKING AREA ☐ YES ☐ NO

CARCASS PICKUP LOCATION ☐ YES ☐ NO

CARCASS REMOVAL PATHWAY(S) ☐ YES ☐ NO

VEHICLE MOVEMENTS ☐ YES ☐ NO

FARM/RANCH ENTRY ☐ YES ☐ NO

CONTINGENCY PLAN CHECKLIST FOR INTERRUPTED ANIMAL MOVEMENT

AN EMERGENCY ACTION PLAN IS IN PLACE

☐ YES

☐ NO

IF YES, DESCRIBE WHERE:

PLAN FOR FEED, WATER AND HOUSING IN PLACE

☐ YES

☐ NO

NUMBER OF ACCESS POINTS WILL BE LIMITED

☐ YES

☐ NO

VEHICLE AND EQUIPMENT ACCESS WILL BE LIMITED AND
A CLEANING AND DISINFECTION STATION PROVIDED IF
VEHICLES MUST CROSS THE LINE OF SEPARATION

☐ YES

☐ NO

ANIMAL MOVEMENTS ON OR OFF PREMISES WILL STOP

☐ YES

☐ NO

PERSONNEL WITH ANIMAL CONTACT WILL BE PROVIDED
OPERATION-SPECIFIC CLOTHING AND FOOTWEAR AND
DEDICATED ENTRY AND EXIT POINT

☐ YES

☐ NO

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PRIORITY LIST OF NEEDED IMPROVEMENTS

1. _____ Tasked to: _____ Due Date: _____
2. _____ Tasked to: _____ Due Date: _____
3. _____ Tasked to: _____ Due Date: _____
4. _____ Tasked to: _____ Due Date: _____
5. _____ Tasked to: _____ Due Date: _____

The biosecurity manager or their designee:

- ☐ Communicates with and/or trains individuals entering the operation on daily biosecurity measures that are applicable to them
- ☐ Reviews the biosecurity plan at least annually and updates it whenever the operation goes through a change affecting daily biosecurity
- ☐ Ensures that all individuals entering the operation frequently (weekly or more often) have access to a copy of the biosecurity plan

All individuals, including visitors, entering understand how to:

- ☐ Contact the biosecurity manager(s);
- ☐ Respect the line of separation (LOS);
- ☐ Cross the LOS, if required, following arrival and biosecure entry requirements; and
- ☐ Perform biosecurity measures for their specific job duties.

In addition to the above responsibilities, employees and family members should:

- ☐ Understand the importance of biosecurity
- ☐ Review the entire biosecurity plan
- ☐ Review the labeled premises map
- ☐ Know who to report to if they see someone not complying or something preventing compliance