





DAILY BIOSECURITY PLAN FOR DISEASE PREVENTION



DIRECTIONS

This document is a template to assist cattle operations in development of a daily biosecurity plan for their premises. Concepts are based on emphasized biosecurity content in the Beef Quality Assurance (BQA) National Manual and were developed using guidance from Secure Beef Supply (SBS) *Information Manual for Enhanced Biosecurity for FMD Prevention: Beef Feedlots and Cattle on Pasture*. All documents are accessible at www.bga.org.

The Biosecurity Manager should evaluate all sections and check the box for all items that apply to the operation. Customize sections by filling in the blank boxes with operation-specific information and selecting the applicable option(s). Where applicable, examples to consider for filling in the blank boxes are included in parentheses - (EXAMPLE). Unchecked statements could be used as steps toward continuous improvement if applicable to the operation. Including a labeled premises map as part of this plan is recommended; see the last page for guidance and an example. Standard Operating Procedures (SOPs) may also be needed and should be available on the operation, but do not need to be included in this written biosecurity plan.

*Adapted from the Secure Beef Supply Biosecurity Plan Template http://securebeef.org/Assets/SBS_Enhanced-Biosecurity-Template_BLANKS.docx.

Accessed: March 2020
For more information on enhanced biosecurity for cattle, visit: https://securebeef.org/beef-producers/biosecurity/

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OPERATION NAME			
Daily Biosecurity Plan for Disea	ase Prevention in	STATE	
Updated:DATE			
Note: Minimally, this biosecurity p	lan should be reviewed	and updated annually.	
· · · · · · · · · · · · · · · · · · ·	an animal movement pe	rmit during a foreign animal	describes additional items that will be disease outbreak. If our operation has be necessary.
Reviewed By:			
The Owner for this premises a	nd their contact inforr	nation is as follows:	
NAME			
PHONE	EMAIL		
The Operation Manager for th	is premises and their	contact information is as f	follows:
NAME			
PHONE	EMAIL		
The Operation Veterinarian fo	or this premises and th	neir contact information is	as follows:
NAME			
PHONE	EMAIL		

If needed, attach additional personnel information to the back of this biosecurity template clearly labeled.

SCOPE OF BIOSECURITY PLAN

Describe the Premises:

National Premises Identification I	lumber* (Prem ID or PIN)	
(request from the office of the Sta	te Animal Health Official):	
PREMISES ADDRESS:		
ADDRESS		
CITY	STATE	
ZIP		
GPS COORDINATES (LATITUDE, LONGIT	IDE/	
LIST APPROXIMATE NUMBER OF	ANIMALS ON PRIMARY PREMISES (LIST ALL SPECIES AND NU	JMBER):
Species:	Number of animals:	
LIST ANIMAL HOUSING TYPES (F	G., BUILDINGS, PASTURES, DRY LOTS):	
Animal housing type:		
If yes, what?	mises (Y/N)? FEED, FERTILIZER, OR COMPOST; HOSTING FARM TOURS)	

^{*} Work with your State Animal Health Official to determine if separate PINs are needed for each of your associated premises. If a separate PIN is applicable, complete an operation-specific plan for each premises. This will need to be provided if this premises is located in a Regulatory Control Area during a foreign animal disease outbreak.

1. BIOSECURITY MANAGER AND WRITTEN PLAN

The designated blos	recurry manager for this premises	and their contact information is as follows.
NAME		
PHONE	EMAIL	
In the event the Biose	ecurity Manager is away from the o	peration, the following are emergency contacts for this operation:
NAME		RELATIONSHIP TO OPERATION
PHONE	EMAIL	
NAME		RELATIONSHIP TO OPERATION
PHONE	EMAIL	
The Biosecurity Mana	ager's and Operation Management	contact information is posted .
•		WHERE
 WHO	and WHO	have the written authority to ensure compliance with
		And
biosecurity protocois	and take corrective action as need	aeu.
The operation-specifi	ic biosecurity plan was developed v	with the assistance of:
NAME		TITLE/ORGANIZATION
PHONE	EMAIL	
NAME		TITLE/ORGANIZATION
PHONE	EMAIL	
The Biosecurity Mana	ager or their designee (Check all th	at apply):
•	ites with and/or trains individuals er	ntering the operation on daily biosecurity measures that are
	e biosecurity plan at least annually a ily biosecurity; and	and updates it whenever the operation goes through a change
Ensures that biosecurity		ion frequently (weekly or more often) have access to a copy of the
A labeled premises ma	p is included at the end of this plan an	d can be found on the premises posted:
WHERE		

TRAINING 2.

The gro	oups of people (E.G., PEN RIDERS, VETERINARIAN, FAMILY MEMBERS, ETC.) listed below are trained at least
	about the daily biosecurity measures necessary to keep diseases out
ANNUAI	LLY/BIANNUALLY/MONTHLY
	nerd. This training is documented and available for review upon request (An example of a Group Training Form can and on the <u>Secure Beef Supply website</u>).
•	<u> </u>
•	• <u> </u>
•	·
•	<u> </u>
languag	osecurity Manager(s) informs all persons entering the operation of the biosecurity measures they are to follow in a ge they understand. Individuals are aware of the biosecurity concepts and procedures that apply to their specific of responsibility. Our required training is described below.
All indiv	viduals, including visitors, entering should 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 addit	tion 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; and
	Recognize the consequences for not complying with biosecurity protocols.
2	DROTECTING VOLID CATTLE

3. PROTECTING YOUR CALLE

This operation has plans in place to limit disease exposure on a daily basis. Refer to this operation's "Enhanced Biosecurity Plan" for more details about the line of separation, limiting access, and establishing a cleaning and disinfection station during a highly contagious foreign animal disease outbreak.

LINE OF SEPARATION (LOS)

A Line of Separation (LOS) is a clearly identified boundary around or within the premises that separates on-farm traffic from off-farm traffic with the goal of preventing disease agents entering on vehicles, equipment, people, etc.

Describe where the LOS on this operation is located (BORDERS OF PROPERTY, TYPES OF BORDERS/BARRIERS, DISTANCE TO ADJACENT BUILDINGS/PASTURES, ETC.) and how it is marked on-site (FENCES, COUNTY ROAD, CREEKS, ETC.):

Label the LOS on the premises map at the end of this plan.

LOS ACCESS POINT(S)

There are	points of access to the operation. The Access Points are clearly marked with a barrier of
NUMBER	
FENCE, GATE, ETC.	to restrict entry. LOS Access Point(s) are each labeled on the premises map at the end of this plan
	languages are posted at major LOS access points that include
	languages are posted at major LOS access points that include I, SPANISH, ETC.
	R'S PHONE NUMBER; BIOSECURITY PROTOCOLS FOR ENTERING; WHERE TO FIND BIOSECURITY
All movements (animals	s, vehicles, equipment, people) authorized to move across the LOS are recorded and these
documents are kept in	the and available for review upon request. Examples of
	OFFICE, BARN, ETC.
People and items cross	al, people, and vehicles/equipment/deliveries can be found on the <u>Secure Beef Supply website</u> . In through the LOS Access Points follow appropriate specific biosecurity steps, described under ure (under Section 5) in this plan.
DESIGNATED PARKI	NG AREA
Vehicles not essential to	the operation are parked in the designated parking area which is located:
	, labeled on the premises map at the
WHERE	, labeled of the premises map at the
end of this plan, and mar	ked This area is outside the LOS and away from animal areas.
	WITH SIGNS, ETC.
DISTANCE BETWEE	N LIVESTOCK ON ADJACENT PREMISES
	ate distance between livestock on adjacent premises (BORDERS OF PROPERTY, TYPES OF DISTANCE TO ADJACENT BUILDINGS/PASTURES, ETC.):
Steps have been coord	inated with owner/operators of these premises to limit disease exposure. These steps include:
GRAZING PUBLIC LA	ANDS
\square This operation	does not access or use public lands for grazing. OR
Our cattle graze public	lands We part of a grazing LIST MONTHS OF THE YEAR ARE/ARE NOT
	LIST MONTHS OF THE YEAR ARE/ARE NOT moved to the public lands using (check all that apply):
☐ Common use r	oads
☐ Common use of	orrals/trailheads
☐ Common use t	rail systems
We recognize shared la a highly contagious for	ands can pose exposure risks from other livestock, wildlife, and people accessing public lands during eign animal disease outbreak. We have worked with our State Animal Health Official and livestock proposals for livestock separation and movement strategies on public land allotments. This is

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ANIMAL HEALTH AND DISEASE MONITORING

Good h	husbandry combined with good biosecurity helps animals	thrive.	
	Animals have access to a clean, dry place to rest.		
	Animal caretakers work with the healthiest and younge	st animals first, then older animals, then sick an	imals last.
Animals	ls are checked	for signs of disease.	
	EVERY OTHER DAY, DAILY, TWICE DAILY, ETC.		
to	health issues, including animals with unusual signs, those tha		
	O OR POSITION TITLE		
by	HO OR POSITION TITLE		
	and treatment records for animals are kept in a		
		ROGRAM, APP, ETC.; IF APPLICABLE, NAME PROGRAM	OR APP
which is	is located		
	WHERE		
Our isol	olation area is located WHERE	and can house up to NUMBER	animals
	WHERE	NOWBER	
4.	VEHICLES AND EQUIPMENT		
operation	peration has plans in place to limit disease exposure from c ion's "Enhanced Biosecurity Plan" for more details about vo gious foreign animal disease outbreak.		
used to	ve evaluated movement on and off the premises. This incomplete of determine LOS placement and to limit disease exposure Entry Log for the vehicle, equipment, and delivery entry	e. Please refer to the <u>Inputs/Outputs template</u> a	
CLEAN	NING AND DISINFECTION		
	ng and disinfection – also referred to as C&D – is a key p d disease to your animals.	art of biosecurity. C&D reduces or kills germs th	nat can
This op	peration's C&D protocol includes the following:		
	Thoroughly cleaning and washing objects first to remo disinfectant.	ve any visible debris (manure, dirt, bedding) be	fore applying
	Disinfectants are used according to the product label virinsing, storage, etc. These disinfectants are used:		ncentration,
	Disinfectants are allowed proper contact time to "sit" a	ME OF PRODUCTS	
	Distillectants are allowed proper contact time to sit a	nd work according to the label instructions.	
During	C&D, these safety measures are followed:		
	All product labels are carefully read.		
	Recommended protective gear is worn.		
	Run-off into animal areas, drinking water, waterways, a	nd other protected areas is avoided.	

5. PERSONNEL

This operation has plans in place to limit disease introduction from the clothing and footwear of personnel (i.e., employees, family members, visitors, etc.) on a daily basis. Refer to this operation's "Enhanced Biosecurity Plan" for more details about essential personnel biosecurity protocols during a highly contagious foreign animal disease outbreak.

ENI:	TRY	10		D/	$\neg c$	\L
	IRI	L	JU	О١	ノし	ᇄ

Everyone crossing the LOS access point(s) is recorded in the entry logboo	ok which is located
	WHERE
unless they are a scheduled worker or delivery.	
The entry logbook is monitored by	
OFFICE MANAGER, OPERATION OWN	ER, ETC.
Please refer to the <u>People Entry Log</u> for the entry logbook template a template listed in the previous section.	and the vehicle, equipment, and delivery entry logbook
The contact information and work schedule records for all workers a	re maintained and posted in the following places:
The contact information and records for all deliveries are maintained and	posted
BIOSECURE ENTRY PROCEDURE	
The Biosecurity Manager ensures that everyone crossing the LOS or instructed to be wearing clean clothing and footwear since last container followed:	
 Wear operation-dedicated footwear OR Wear disposable or disinfectable footwear AND Ensure hands are clean Wash hands and/or Disposable or disinfectable gloves may be made available. 	
 All animal handlers must also put on operation-dedicated cl 	othing OR put on clean coveralis/protective outerwear
Additional biosecurity measures for this operation include (E.G., DED DRYER ON SITE, DISPOSABLE BOOTS/GLOVES, ETC.):	
BIOSECURE EXIT PROCEDURE	
Hands may be washed	
All soiled clothing is	
WASHED AT THE OPERATION IN DESIGNATED MACH	HINES, TAKEN HOME BY EMPLOYEE, ETC.
All soiled footwear is	DEFODE LEAVING ODEDATION ETC

ANIMAL MOVEMENT

Refer to this operation's "Enhanced Biosecurity Plan" for a pre-movement isolation period, contingency plan for interrupted animal movement in the event animal movement is stopped for weeks, and protocols for animal loading/ unloading during a highly contagious foreign animal disease outbreak.

INDIVIDUAL ANIMAL IDENTIFICATION

Having a consistent animal identification system on your operation is important for tracking animal performance characteristics and record keeping to prevent violative drug residues and understand animal movement on and off farm. In addition, animal identification may be required for animal movement interstate. National disease testing does require an official form of identification. It is integral to a disease outbreak where infected animals can be traced to determine animals and properties at risk.

This ope	eration uses the following techniques for individual animal identification (check all that apply):
	Ear tag
	Official ear tag with printed U.S. shield (e.g., silver tags, electronic radiofrequency tags (RFID), orange metal or RFID Bangs vaccination tags)
	Official tattoo issued by recognized breed association
	Brand issued by brand inspection agency
	Ear notch
	None
RECOR	RDS OF ANIMAL MOVEMENT
back/for contacts evidence	highly contagious foreign animal disease outbreak, producers may be asked by Regulatory Officials to provide accurate traceward information to identify potential disease exposure. Daily record keeping can speed up the process of finding potential with infected herds in an outbreak which can speed up the chance to receive a movement permit for operations with no e of infection. Records should be kept for all within operation movements (i.e., moving from calving pasture to mountain grazing being moved between pastures), incoming animals, and animals leaving the operation (i.e., for sale, slaughter, euthanasia).
Example	s of movement logs for animal, people, and vehicles/equipment/deliveries can be found on the Movement Records webpage.
INCOM	IING ANIMALS
	commends that replacement cattle or new additions should be separated from other cattle for at least a 21-30 day ine period. Select all that apply.
	All incoming animals are unloaded and visually inspected during daylight hours, when possible. Isolation is maintained until inspection is completed. If cattle are unloaded at night they are maintained in the receiving area and inspected the following morning.
	New animals arriving at the operation are separated from all other livestock with separate feeding/watering equipment during the quarantine period. They are handled last or by dedicated personnel to avoid spread of infectious diseases.
	Calves brought to the operation from outside sources (i.e., sale barns, dairies, other cattle operations) as substitute or graft calves can introduce diseases such as bovine viral diarrhea virus (BVDV) or Johne's disease to the operation. In addition to being held in separate facilities with its grafted dam as recommended previously, the calf should be tested for common diseases prior to being introduced to the herd. Consult with your herd veterinarian to determine which diseases are concerning in your region and should be screened for in new herd additions.
	For stocker and feeder cattle, cattle are checked at least daily for illness, lameness, or other problems during the first 30 days following arrival.

This operation retains its own cattle for replacements with no new additions or replacement cattle (including

breeding animals) procured from external sources.

CONTINGENCY PLAN FOR INTERRUPTED ANIMAL MOVEMENT

Developing a contingency plan during peace time can be a valuable tool for future crises such as natural disasters (floods, drought, hurricanes, fires, etc.) or infectious disease outbreaks when normal movement or supplies are interrupted.

In the event animal movement is stopped for several weeks due to a natural disaster, public health emergency, or by state or federal animal health officials, these are considerations for managing animals in a biosecure manner (Select and modify all applicable statements): Cull cattle will be humanely euthanized and properly disposed of on the operation (described under Carcass Disposal below). Housing, feed, feeding and healthcare equipment, and trained individuals are available for approximately **NUMBER** of cattle for a time period of . A contingency plan has been established for ration NUMBER OF DAYS, WEEKS, ETC. formulation, transport and market of cattle that would otherwise be moved to a different operation in the event of a movement restriction. Housing, feed, and healthcare equipment is available for approximately ______ of slaughter-ready NUMBER cattle for a period of _____. A contingency plan has been established for ration formulation, NUMBER OF DAYS, WEEKS, ETC. transport and market of cattle that are at, approaching, or have exceeded market weight. All calves born on the operation can be housed, fed, and cared for in an outbreak. ☐ Calves will remain with the cow to nurse. **OR** ☐ There is enough housing, feed, and feeding equipment available for of calves for a NUMBER period of: NUMBER OF DAYS, WEEKS, ETC. ☐ We plan to calf housing, feeding equipment, or BUILD, PURCHASE, RENT, ETC additional pasture or dry lots to house/feed calves if we are unable to move off-site. Personnel trained in pre-weaned calf husbandry are available. 7. ANIMAL PRODUCTS Refer to this operation's "Enhanced Biosecurity Plan" for more details about preventing disease exposure from animal products during a highly contagious foreign animal disease outbreak. **SEMEN, EMBRYOS** ☐ This operation does not introduce semen or embryos from off-site locations. OR \square This operation accepts and records semen or embryos introduced from off-site locations. The products are procured from sources that test for the following diseases:

FEEDING DAIRY PRODUCTS
☐ This operation does not purchase or receive colostrum or feed dairy products (e.g., whole milk or whey) from dairie or other off-site sources.
OR
☐ This operation does purchase or accept colostrum or fresh dairy products from off-site locations. If used for calves, the products pasteurized before being fed. ARE/ARE NOT
8. CARCASS DISPOSAL
Dead animals (normal mortality numbers) are disposed of by:
BURIAL ON-SITE/OFF-SITE, COMPOST, RENDERING, ETC.
which is in accordance with state and federal laws.
\square Rendering trucks and other vehicles hauling dead animals to a common disposal site do not cross the LOS.
\square Routes for carcass movement and disposal are labeled on the premises map at the end of this plan.
In the event of a large number of mortalities, dead animals will be disposed of by:
BURIAL ON-SITE/OFF-SITE, COMPOST, RENDERING, ETC.
which also prevents the attraction of wildlife, rodents, and other scavengers, and is in accordance with state and federal laws
9. MANURE MANAGEMENT
Refer to this operation's "Enhanced Biosecurity Plan" for more details about manure management during a highly contagious foreign animal disease outbreak.
The procedure for manure removal and storage is (LOT SCRAPING, FREQUENT HAULING, MANURE BUNKER/SLURRY STORE, COMPOST, ETC.):
If needed, we can store manure for After that time, the method for manure removal is NUMBER OF DAYS, WEEKS, ETC.
which meets state, local, and Responsible Regulatory Officials regulations. DRY SPREADER, DRAG LINE, ETC. MANURE MANAGEMENT
 Animal housing areas are regularly cleaned to prevent manure, litter, and/or soiled bedding buildup with manure, litter, and/or soiled bedding from buildup. Young animals are prevented from coming in contact with manure, litter, and/or soiled bedding from older animals.

10. RODENT, WILDLIFE AND OTHER ANIMAL CONTROL

Refer to this operation's "Enhanced Biosecurity Plan" for more details about managing rodents, wildlife, and other animals during a highly contagious foreign animal disease outbreak.

The following control measures are in place to minimize interaction between cattle and other animals (dogs, cats, horses,

rodents, birds, and/or other wildlife): ☐ This operation utilizes to discourage rodent BAIT, LIVE TRAPS, ETC. movement. Bait is checked by DAILY, WEEKLY, ETC. EMPLOYEE, OWNER, ETC. and replaced as needed. The operation has designated EMPLOYEE, OWNER, ETC. as the rodent control monitor responsible for implementing the rodent control plan. This protocol is in accordance with state and local regulations for controlling rodents. OR ☐ This site works with a professional rodent/pest company, , and has **COMPANY NAME** documented procedures which are located describing the frequency and WHERE observations by the company representative. This protocol is in accordance with state and local regulations for controlling rodents. Mark those that apply and provide details where requested. ☐ Weeding and grass control is done every TWICE WEEKLY, WEEKLY, MONTHLY, ETC. ☐ The sanitation of general office areas is completed DAILY, TWICE DAILY, WEEKLY, ETC. ☐ Trash is removed every _ DAY, WEEK, ETC. ☐ Measures to prevent wildlife access to livestock on this operation include (FENCING, GUARD ANIMALS, ETC.): ☐ Dogs, cats, and other pets (such as horses, goats, etc.) allowed to roam between operations. ARE/ARE NOT ☐ If livestock guardians, herding dogs, or ranch horses are used to work this operation's or a neighboring operation's livestock, biosecurity measures are taken to ensure visible contamination is removed from their fur and feet/hooves and their fur is decontaminated prior to entry.

11. FEED AND WATER

Refer to this operation's "Enhanced Biosecurity Plan" for more details about feed delivery and handling during a highly contagious foreign animal disease outbreak.

Grain and feed commodit	ies are delivered in trailer	s that are cov	ered during transport.		
☐ Feed spills are c	\Box Feed spills are cleaned up as soon as possible to minimize attraction of wildlife and rodents.				
☐ Feed is only hand disinfected.	lled by equipment that is sp	pecific to the c	peration for feed handling o	r used after it is clean and	
This operation uses			as wate	er sources. Waterers and the areas	
AUTO	MATIC WATERERS, STOCK TA	NKS, STREAMS	, RIVERS, PONDS, ETC.		
				If water becomes unfit to drink,	
Ε	OAILY, TWICE DAILY, WEEKLY, ET	C.	DAILY, WEEKLY, MONTHLY, ETC.		
alternate sources will be p	provided by			<u>.</u>	
	PORTABLE TAN	IKS, OFF-SITE C	LEAN WATER SOURCE, ETC.		
LABELED PRE	MISES MAP				
Guidance for creating a p	remises map (satellite ima	ages are prefe	erable) can be found at www	w.securebeef.org/beef-	
producers/biosecurity/.	remided map (eatemid ime	.g.c. a. c p. c	at <u></u>	<u></u>	
	fication Number (Prem ID	•			
(request from the office o	f the State Animal Health	Official):			
DDEMICEC ADDDECC.					
PREMISES ADDRESS:					
ADDRESS					
ABBRESS					
ADDRESS					
CITY		STAT		ZIP	
GPS COORDINATES (OPTIO	NAL)				
Label your premises map	with the following items a	and include a	legend:		
Public road					
Line of Separation	on (LOS)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EXAMPLE:	
LOS Access Poi				Replace with	
	al/pickup location			your operation's	
Designated park	•			premises map	
Carcass remova	_		- 15 H		
Saled33 Telllova	. pasimajo				
			The state of the s		

