

Secure Beef Supply Survey

KDA Survey to Advance Secure Beef Supply Planning

Secure Food Supply planning is a national effort to provide guidance to livestock producers for preparation for a foreign animal disease outbreak. The Secure Beef Supply Plan (SBS) encourages beef producers to voluntarily prepare for an outbreak, such as Foot and Mouth Disease, to better position themselves to limit exposure of their animals through enhanced biosecurity and, surveillance, to be able to move animals with no evidence of disease thereby maintaining animal production and commerce during an outbreak. As part of SBS plans producers and their veterinarians develop premises-specific written biosecurity plans for use in an outbreak.

In an effort to develop and provide outreach guidance for Kentucky specific SBS plan, the Kentucky Department of Agriculture seeks your participation in an online survey of current beef farm/ranch management and biosecurity practices. The survey is anonymous. We encourage your input.

The survey is available at <https://www.kyagr.com/statevet/emergency-programs.html> and will be available for your participation until June 15th.

Additional information on the SBS, see <https://securebeef.org/>.

We look forward to your participation.

Secure Food Supply (SFS) Plan

The OSV mission is to protect and promote animal Agriculture. Our focus this year is enhancing our emergency disease preparedness through development of KY Specific Secure Food Supply Plans. These plans will be developed with input from Kentucky's producers and industry through this survey. The information you provide will help us protect KY farms.

1. What is the county of your primary operation?

County

2. What is your level of knowledge pertaining to the Secure Beef Supply Plan? Please select one

- Never heard of it
- Recognized the name, not much else
- Know some basics
- Fairly knowledgeable

3. How familiar are you with the Enhanced Biosecurity Plan requirements for movement of animals during a Foreign Animal Disease (FAD) outbreak?

- No Knowledge
- Some Knowledge
- Extensively knowledgeable

Biosecurity

Biosecurity is the cornerstone of protecting animal health. Biosecurity is the term used for the steps taken to prevent disease entry and spread on a farm. The ways a disease pathogen can enter and spread will vary depending on the type of operations. The following questions highlight some of the biosecurity practices which can reduce risk. The information KY producers provides will help guide the design of a biosecurity template to meet the needs of Kentucky cattle producers.

4. What types of chemical products are used for disinfecting on the farm?

- Bleach
- Virkon
- Rocal
- None
- Other (please specify)

5. Have non-operation related visitors been onto the premises within the last 12 months?

- Yes
- No

6. Is a visitor log maintained for all individuals who enter the farm?

- No
- Yes (please specify either paper or electronic)

7. Is there a designated parking area for visitors at each premises?

- Yes
- No

8. Is vehicle/equipment (truck, tractor, trailer, ATV etc.) entry on to the premises monitored?

- All
- Most
- Sometimes
- Never

9. Is vehicle/equipment (truck, tractor, trailer, ATV etc.) movement entry onto the premises captured in a written log, security camera, or gate code access?

- Yes
- No

10. If vehicles or equipment are shared with another farm, how is the shared vehicle/equipment cleaned prior to use on this operation?

- Vehicles or equipment are NOT
- It is NOT cleaned
- Wash equipment with water or steam only
- Chemically disinfect only
- Wash equipment and chemically disinfect
- Other (please specify)

11. When necessary, what methods are used to dispose of manure on the premises? Check all that apply

- Drag or harrow pastures
- Haul and spread onto land used for grazing or forage production on same premise
- Haul and spread onto land other than premise of manure origin
- Other (please specify)

12. Which of the following best describes how often equipment used for manure handling is also used to handle feed on this operation?

- Less frequently than once per week
- At least once per week
- At least once per month
- At least once per year
- Never

13. Have any of the following individuals visited the premises within the last 12 months? Check all that apply

- Veterinarian
- Artificial insemination Technician
- Nutritionists
- Pharmaceutical Representative
- Crop/Soil Consultant
- Other Agricultural or Animal health personnel (please specify)

Health Management

The health of the cattle in a herd is of the utmost importance to all producers. Daily activities focus on maintaining the health of the cattle. Understanding the current cattle health management practices of Kentucky producers is critical in ensuring business continuity for producers during an emergency animal disease outbreak.

14. What activities are included in the cattle herd health program? (Check all that apply)

- Vaccination program
- Deworming program
- Pregnancy check prior to start of calving season
- Other (please specify)

15. During the last 12 months, were any of the following fly control methods used on this operation? (Check all that apply)

- Environmental fly control (sprayers, foggers, strips, zappers, etc.)
- Topical products (dust bags, dips, sprays, rubs, etc.)
- Treated ear tags (fly tags, etc.)
- Biological Control (such as predator wasps)
- Oral products (IGRs in mineral, etc.)
- Other (please specify)

16. Have farm personnel ever received training on the following practices? (Check all that apply)

- Storage and handling of vaccines, antibiotics, dewormers, and other medications
- Use and disposal of needles and syringes
- Injection site selection
- Record keeping
- Cattle handling
- Cattle transportation
- Biosecurity
- Other related management practices

17. If training has been provided, what entity administered the training?

- Beef Quality Assurance Program
- A University Faculty or Staff Member
- University Extension Program
- Your veterinarian
- Local cattleman's association
- None Provided
- Other (please specify)

18. If a foreign animal disease (FAD) was suspected on the premises who would be the initial contact?

- Extension agent
- State Veterinarian
- U.S. Department of Agriculture
- Private Veterinarian
- Kentucky Cattlemen's Association
- Other (please specify)

19. Are new animal additions to the operation tested for any of the following diseases? Check all that apply

- Anaplasmosis
- Bovine Viral Diarrhea (BVD)
- Bovine Leukemia Virus (BLV)
- Johnes
- Epizootic Hemorrhagic Disease
- Trichomoniasis (often called "trich", pronounced "trick")
- Other (please specify)

20. Which of the following best describes the level of familiarity with the listed diseases?

	Never heard of it	Recognized the name, not much else	Know some basics	Fairly knowledgeable
Foot-and-mouth disease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bovine spongiform encephalopathy (BSE or mad cow disease)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bluetongue	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Anthrax	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bovine Viral Diarrhea (BVD)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Anaplasmosis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Brucellosis (Bang's Disease)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bovine Tuberculosis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vesicular Stomatitis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trichomoniasis (often called "trich", pronounced "trick")	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Information and Identification

Cattle health records and animal identification are important components of production. Incorporation of current animal identification and record keeping practices, of Kentucky producers, into the biosecurity plan template may limit the burden on the producer during an outbreak. Additionally, recognizing the limitations of current practices will assist in the development of tools for producers to utilize in the event of an animal disease outbreak.

21. Herd records contain details of which of the following information? Check all that apply.

- Cattle inventory on each premise
- Cattle sold
- Cattle movement
- Treatments (antibiotics, anti-inflammatories, dewormer, etc.)
- Vaccinations
- Pregnancy Checks
- Sick Animals
- Other (please specify)

22. Do herd records include individual animal identification for the following data? Check all that apply.

- Cattle inventory on each premise
- Cattle sold
- Cattle movement
- Treatments (antibiotics, anti-inflammatories, dewormer, etc.)
- Vaccinations
- Pregnancy checks
- Sick animals
- Other (please specify)

23. Are records kept electronically or on paper?

- Electronically
- Paper

24. If a Foreign Animal Disease outbreak were to occur in Kentucky, how quickly could current inventory and cattle movement records be provided?

- Immediately
- Less than 12 hours
- Between 12 to 24 hours
- Within a week
- Within 2 weeks
- Not at all

25. Do all animals in the operation have a unique individual identification (RFID, metal tag, plastic ear tag, tattoo, brand, etc.)?

- Yes
- No

26. On this operation, when is an animal given a unique individual identification?

- At birth
- At weaning
- At herd pregnancy check
- When purchased and processed through working facility (i.e. chute)
- Never
- Other (please specify)

27. What types of unique individual identification are used on cattle in the operation? Check all that apply

- 840 electronic ID
- Metal tag
- Ear tattoo
- Plastic ear tag
- Brand
- None
- Other (please specify)

28. Rate the following sources of information utilized for making management decisions for this beef operation?

	Not at all useful	Slightly useful	Moderately useful	Very useful	Extremely useful
University of Kentucky Extension Service	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Veterinarians	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Beef or agriculture magazines or journals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Producer/Breed associations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other producers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Salesperson or company representatives (e.g. for feed, vaccines, semen seed stock, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Industry Consultants	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Radio, TV, or newspapers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other source useful to your operation (please specify)

29. Has this operation been assigned a unique premises ID by Kentucky Department of Agriculture or by USDA?

- Yes
 No

Animal Movement

The following questions will help to understand common animal transportation practices in Kentucky, and how these can be addressed in a biosecurity plan.

30. How many times did the cattle leave and return to this operation in the last 12 months to attend the following events?

Show or Fair

Rodeo

Other (please Specify)

31. For cattle that left and returned during the last 12 months, what was the maximum one-way distance traveled (in miles)?

Number of miles

32. In the last 12 months, have cattle been comingled with other cattle or livestock when transported to a show, fair, sale, etc.?

No

Yes

33. During the last 12 months, which of the following best describes the operation's general practice when cattle leave the operation, have contact with outside cattle and return? For this question, the term "isolate" means to prevent nose-to-nose contact with other cattle from this operation and to prevent sharing of feed, drinking water, and equipment between cattle. [Select one only.]

Routinely isolate after return to the operation

Routinely isolate before return to the operation

Only isolate for a specific reason such as sickness or known exposure to disease

Never isolate returning cattle

34. Are new animal additions to the operation isolated on arrival to the premises?

No

Yes

35. During the last 12 months, did cattle of any type enter this operation, excluding calves born on this operation?

Yes

No

36. In the last 12 months which of the following entities transported cattle onto or off of this premises? Check all that apply

Myself

Independent/contract hauler

Full-time or part-time employee of the operation

Other (please specify)

The following anonymous and optional demographic data will assist us in better understanding the Kentucky Beef Cattle Industry. The information collected will assist us in better serving our industry and ensure we design a secure beef supply plan that specifically addresses the management and production practices of all types of cattle operations within Kentucky.

37. Define operation type(s). Check all that apply

- Commercial Cow-Calf
- Purebred Seedstock
- Backgrounder
- Feedlot
- Other (please specify)

38. What was the maximum total number of cattle (including all age and production types) in the operation during the following years:

2019

2020

2021

39. How many farms/locations/premises are cattle currently located on? (these farms/locations/premises do not share an address or fence line)

Number

40. Which of the following facilities are used to manage cattle in the operation? Check all that apply.

- Pasture
- Seasonal Dry Lot
- Feed lot
- Pack Barn
- Other (please specify)

41. Which of these feedstuffs are used on the farm? Check all that apply

- Grass/Grazing
- Hay
- Grain Mixture
- Distillers Products
- Commodity Feeds
- Combination of feed stuffs listed above
- Other (please specify)

42. How often are feedstuffs delivered to the premises by an outside entity?

- Weekly
- Monthly
- Other (Please Specify)

43. A working facility (corral, head gate, squeeze chute, etc.) for handling cattle is present on _____ (select answer below) of the operation premises.

- All
- Most
- Some
- None

44. What type of animal agriculture operations border the premises?

- Dairy herd
- Beef herd
- Swine facility
- Poultry facility
- Meat processor/renderer
- Horse farm
- None
- Other (please specify)

45. During the last 12 months, which of the following animals were likely to have fence-line (nose to nose) contact or commingle with beef cattle on this operation? Check all that apply.

- Farmed/Captive Cervids
- Captive Bison
- Cattle of Mexican Origin
- Dairy Cattle
- Neighboring Beef Cattle
- Domestic pigs
- Feral/wild pigs
- Sheep
- Goats
- Horses or other equids (ponies, donkeys, mules, etc.)
- Camelids (llamas, alpacas, camels, etc.)
- Chickens, other poultry, or their litter
- Dogs
- Cats

46. Are any other businesses located on the same premises as the cattle operation? Check all that apply.

- Agritourism (farm tours, pumpkin picking, etc.)
- Farm supplies (feed, seed, fertilizer, etc.)
- Freezer meat sales
- Equipment sales/rentals
- Other (please specify)

47. Where are the cattle marketed each year? Check all that apply

- Livestock market
- Buying Station
- Direct farm to farm sale
- Private select sales
- Beef product marketed directly off farm or through farmers market
- Other (please specify)

48. Which of the following sources are used for herd additions? Check all that apply.

Livestock Market

Buying Station

Direct farm to farm

Private select sales

Beef product marketed directly off farm or through farmers market

Other (please specify)