



United States
Department of
Agriculture

Animal and
Plant Health
Inspection
Service

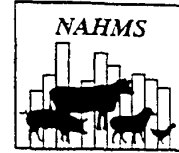
Veterinary
Services

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National Animal
Health Monitoring
System

555 South Howes,
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Fort Collins, CO
80521



Beef '97

Beef Health Management

Report - First VS Visit

State: **Operation #:** **VMO Initials:** **Date:** / / (mm/dd/yy)

Collection Dates: March 3 - April 30, 1997

Arrival time at operation: _____

About this questionnaire: Items in italic type are instructions to the interviewer. Regular print text is to be read to the Producers. Words in ALL CAPS indicate emphasis.

Please be sure the Producer understands that in this questionnaire, the term "you" refers to how "this operation" conducts the management practices of the beef operation.

Please indicate to the producer that these questions (except where noted) refer to the cow/calf operation and do not include any dairy or feedlot enterprise that is part of this operation.

From the **General Beef Management Report**, enter the response to the following questions:

page 2, #1a, total number of beef cows on hand as of January 1, 1997: 110 _____ head

page 3, #6, beef calves born alive in 1996: 121 _____ head

page 8, #18d, total number of calves weaned in 1996: 299 _____ head

page 9, #22e, other cows sold for slaughter in 1996: 317 _____ head

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NAHMS-C-61
JAN 97

SECTION 1 - GENERAL MANAGEMENT

1. As of today, how many beef cows, including heifers that have calved, are on hand? H101 _____ head

2. Last year, on **January 1, 1996**, how many beef cows, including heifers that have calved, were on hand? H102 _____ head

3. Which of the following best describes the breeding herd for this beef operation? H103 _____ code
 - 1= registered cattle only
 - 2= commercial cattle (including composite breeds)
 - 3= both registered and commercial cattle

4. Which of the following best describes the breed makeup of the majority of the beef cows on this operation? H104 _____ code
 - 1= purebred or straightbred (only 1 breed, including composite breeds)
 - 2= crossbred (2 breeds)
 - 3= crossbred (3 or more breeds)

5. Which of the following best describes the breed makeup of the majority of the 1996 calf crop for this operation? H105 _____ code
 - 1= purebred or straightbred (only 1 breed, including composite breeds)
 - 2= crossbred (2 breeds)
 - 3= crossbred (3 or more breeds)

6. During the last 5 years, have you perceived an increase in problems associated with the temperament or disposition of your cows? H106 Y₁ N₃

7. During the last 5 years, have concerns or regulations about environmental quality led you to change:
 - A. your grazing management plan? H107 Y₁ N₃
 - B. access of cattle to flowing water sources? H108 Y₁ N₃
 - C. access of cattle to timber? H109 Y₁ N₃
 - D. your record keeping relative to natural resource uses? H110 Y₁ N₃

8. During the last 5 years, have you:
 - A. developed a rotational grazing program? H111 Y₁ N₃
 - B. modified grazing along water courses (riparian areas)? H112 Y₁ N₃
 - C. developed new water sources on grazing land? H113 Y₁ N₃

9. During the last 5 years, based on concerns for product quality, have you changed:
 - A. the route of injections (i.e., in the muscle, under the skin, etc)? H114 Y₁ N₃
 - B. the location of injections (i.e., hip, neck, etc)? H115 Y₁ N₃
 - C. products used based on approved route of injection? H116 Y₁ N₃
 - D. facilities design and/or maintenance? H117 Y₁ N₃
 - E. implanting procedures? H118 Y₁ N₃
 - F. external parasite control programs? H119 Y₁ N₃
 - G. cattle handling practices? H120 Y₁ N₃
 - H. genetics? H121 Y₁ N₃
 - I. dehorning procedures? H122 Y₁ N₃ N/A₂

10. Which of the following best describes how familiar you are with the results of the 1995 National Beef Quality Audit? H123 _____ code
- 1= haven't heard of it before
 - 2= recognize the name, not much else
 - 3= know some basics
 - 4= fairly knowledgeable
11. Do you use the Standardized Performance Analysis (SPA) sponsored by the National Cattlemen's Beef Association and the USDA Extension Service to determine the profitability of producing beef calves? H124 Y₁ N₃

SECTION 2 - CALVING AND BREEDING

Reason Code List for Question 1					
1= Does not work	2= Labor; time	3= Lack of facilities	4= Cost	5= Too difficult; too complicated	6= Other (Specify in margin)

1. Do you use the following reproductive technologies, and if not, what is your primary reason?

Circle Yes or No for each item.

*If No, ask "What is your primary reason?"
Use Reason Codes above.*

- A. Estrus synchronization H201 Y₁ N₃ H207 _____ code
- B. Artificial insemination H202 Y₁ N₃ H208 _____ code
- C. Palpation for pregnancy H203 Y₁ N₃ H209 _____ code
- D. Pelvic measurement H204 Y₁ N₃ H210 _____ code
- E. Body condition scoring H205 Y₁ N₃ H211 _____ code
- F. Semen evaluation H206 Y₁ N₃ H212 _____ code

2. Which of the following best describes how: *Use codes listed below.*

- A. rectal palpations are usually performed? H213 _____ code
 - 1= Use the same sleeve for more than 1 cow
 - 2= Use a new sleeve for each cow
 - 3= Use bare arm
 - 4= Not done
- B. artificial inseminations are usually performed? *Use codes in #2A.* H214 _____ code

3. In acres, how big is the area where the majority of your cows calve? H215 _____ acres

- A. What is the maximum number of cows and heifers you put on this area at any one time during calving? H216 _____ head

4. During the last 10 years, have you purchased a bull from a purebred breeder? H217 Y₁ N₃

5. The following questions ask about management practices currently used and practices used 3 to 5 years ago.

- | | <i>Currently</i> | <i>3 to 5 years ago</i> |
|---|--|--|
| A. Do you use embryo transfer? | H218 <u>Y₁</u> <u>N₃</u> | H224 <u>Y₁</u> <u>N₃</u> |
| 1. If Yes, do you use Holstein cows or heifers
as a recipient for embryo transfers? | H219 <u>Y₁</u> <u>N₃</u> | H225 <u>Y₁</u> <u>N₃</u> |
| B. During the calving season, which of the following best
describes how often the calving area is used to
hold sick cows? | | |
| | H220 _____ code | H226 _____ code |
| 1= frequently (once or more per month) | | |
| 2= occasionally (less than five times in 6 months) | | |
| 3= rarely (once or less in 6 months) | | |
| 4= never | | |
| C. Which of the following best describes how often
equipment used for manure handling is also
used to handle feed fed to heifers less than
12 months of age? | | |
| | H221 _____ code | H227 _____ code |
| 1= regularly (at least weekly) | | |
| 2= occasionally (less than weekly) | | |
| 3= never | | |
| D. Do you separate cow/calf pairs from pregnant cows? | | |
| | H222 <u>Y₁</u> <u>N₃</u> | H228 <u>Y₁</u> <u>N₃</u> |
| 1. If Yes, how many days after calving are cow/calf
pairs separated from pregnant cows? | H223 _____ days | H229 _____ days |

SECTION 3 - HEALTH MANAGEMENT

1. Which of the following best describes the primary method of dehorning used on this operation?
- | | | |
|--|------|------------|
| 1= Do not dehorn or no horned cattle on operation
2= Caustic paste
3= Electric dehorner/debudder; hot iron
4= Spoons or gouges
5= Saws, Barnes, or Keystone (guillotine) | H301 | _____ code |
|--|------|------------|
2. *If #1 is a code 1, 2, or 3, SKIP TO #3.* During the dehorning process, is the dehorning equipment routinely:
- | | | |
|--|------|---|
| A. washed with water between each animal? | H302 | _____ <u>Y₁</u> <u>N₃</u> |
| B. chemically disinfected between each animal? | H303 | _____ <u>Y₁</u> <u>N₃</u> |
3. How many of the bull calves born on this operation in 1996 were or will be castrated before sale? You may answer this question as number of head or percent.
- | | | |
|-------|----------------|------------|
| | H304 | _____ head |
| | H305 OR | _____ % |

4. *If #3 is 0 (zero), SKIP TO #6.* What is the average age when calves H306 _____ days
 are castrated? *Enter ONE response either days, weeks,* H307 **OR** _____ weeks
or months H308 **OR** _____ months
5. Which of the following best describes the primary method
 of castration used on this beef operation? *Enter 1 code only.* H309 _____ code
 1= Remove testicles with a blade
 2= Rubber band (Elastrator band) at less than 3 months of age
 3= Clamp/Burdizzo (crush cords)
 4= Rubber tubing (E-Z-E castrator) at more than 3 months of age
 5= Other (Specify: _____) H310
6. For weaned calves sold for purposes OTHER than breeding, how many
 days are the calves held before they are sold? H311 _____ days
7. How many times is a calf vaccinated for respiratory disease before sale? H312 _____ times
8. *If #7 is 0, SKIP TO #9.* Do you vaccinate calves for respiratory disease:
 A. from birth up to 30 days prior to weaning? H313 Y₁ N₃
 B. 30 to 14 days prior to weaning? H314 Y₁ N₃
 C. less than 14 days prior to weaning? H315 Y₁ N₃
 D. at weaning? H316 Y₁ N₃
 E. after weaning but before sale? H317 Y₁ N₃
9. What has been the average weaning weight over the past 3 years for:
 A. steers or bulls? H318 _____ lbs
 B. heifers? H319 _____ lbs
10. In 1996, what percentage of calves weaned were:
**Of these, what % were
 weaned at a younger age
 than average?**
 A. heavier than or within 40 pounds of your 3-year average
 weaning weight _____ % _____ % H320/H324
 B. 40-70 pounds below your 3-year average weaning weight? _____ % _____ % H321/H325
 C. 71-100 pounds below your 3-year average weaning weight? _____ % _____ % H322/H326
 D. more than 100 pounds below your 3-year average
 weaning weight? _____ % _____ % H323/H327
CHECK: First column should = 100% 100%
11. In 1996, how many, or what percent of, cows weighed less at weaning . . H328 _____ head
 than they did at one week after calving? H329 **OR** _____ %
12. What is the average weight of mature beef cows at the time calves
 are weaned? H330 _____ lbs
13. On average, how many cows are vaccinated with the same needle
 before changing the needle? H331 _____ head
 A. *If #13 is 1, SKIP TO #14.* Is the needle cleaned between each animal? H332 Y₁ N₃
 B. Is the needle disinfected between each animal? H333 Y₁ N₃

14. Which of the following vaccines were used in the last 12 months for:
Enter 1 for each vaccine used, leave all others blank.

----->	Calves 1 to 21 Days?	Calves 22 Days through Weaning?	Weaned Replacement Heifers through Breeding?	Bred Replacement Heifers through Calving?	Cows?	Bulls?
GENERAL (Resp and/or Repro)						
IBR (Rednose, infectious bovine rhinotracheitis)	V101	V201	V301	V401	V501	V601
BYD (Bovine viral diarrhea)	V102	V202	V302	V402	V502	V602
<u>Hemophilus somnus</u>	V103	V203	V303	V403	V503	V603
RESPIRATORY						
PI3 (parainfluenza virus)	V104	V204	V304	V404	V504	V604
BRSV (bovine respiratory syncytial virus)	V105	V205	V305	V405	V505	V605
Pasteurella	V106	V206	V306	V406	V506	V606
REPRODUCTIVE						
<u>Brucella abortus</u>		V207	V307			
Leptospira		V208	V308	V408	V508	V608
Campylobacter (vibrio)			V309	V409	V509	V609
Trichomoniasis			V310	V410	V510	V610
CLOSTRIDIAL						
<u>C. chauvoei</u> (blackleg) and/or <u>C. septicum</u> (malignant edema)	V111	V211	V311	V411	V511	V611
<u>C. perfringens</u> C and D (enterotoxemia, overeating)	V112	V212	V312	V412	V512	V612
Other clostridial vaccinations	V113	V213	V313	V413	V513	V613
DIGESTIVE						
Rota/Corona	V114	V214	V314	V414	V514	
<u>E. coli</u>	V115	V215	V315	V415	V515	
Salmonella	V116	V216	V316	V416	V516	V616
OTHER						
Anaplasmosis	V117	V217	V317	V417	V517	V617
Johne's	V118	V218				
<u>Moraxella bovis</u> (pinkeye)	V119	V219	V319	V419	V519	V619
Wart virus	V120	V220	V320	V420	V520	V620

Type of Virus Codes for Question 15				
1= killed	2= modified live	3= both killed and modified live	4= don't know whether killed or modified live	5= don't vaccinate for the disease

15. For calves up through weaning, what type of virus is used for vaccinating against: *Use codes above*

*If Code 1, 2, 3, or 4
do you re-vaccinate
within 60 days?*

- A. Bovine Viral Diarrhea (BVD)? code Y₁ N₃ (H334)(H337)
 B. Infectious Bovine Rhinotracheitis (IBR)? code Y₁ N₃ (H335)(H338)
 C. Bovine Respiratory Syncytial Virus (BRSV)? code Y₁ N₃ (H336)(H339)

Vaccination Codes for Questions 16 and 16A				
1= do not vaccinate for brucellosis	2= vaccinate ALL heifers	3= vaccinate only the heifers you will keep for breeding	4= vaccinate only the heifers sold for breeding	5= vaccinate all heifers intended for breeding (3+4)

16. Which of the following best describes the CURRENT brucellosis vaccination practices for heifers? *Read options above* H340 _____ code

A. Which of the following best describes the brucellosis vaccination practices for heifers 5 YEARS AGO? *Read options above* H341 _____ code

17. *If #16 is a code 1, SKIP TO #18.* How important are each of the following reasons for vaccinating your beef heifers for brucellosis?

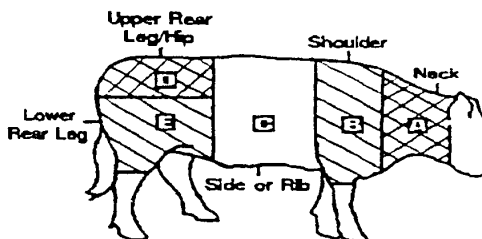
- | | | <i>Very important</i> | <i>Somewhat important</i> | <i>Not important</i> | <i>No opinion</i> |
|---|------|-----------------------|---------------------------|----------------------|-------------------|
| A. Tradition, habit | H342 | 1 | 2 | 3 | 4 |
| B. Reduce risk of disease | H343 | 1 | 2 | 3 | 4 |
| C. Required for interstate movement of owned cattle | H344 | 1 | 2 | 3 | 4 |
| D. Increased value of females sold | H345 | 1 | 2 | 3 | 4 |

18. Do you believe vaccinating for brucellosis affects the sales price of heifers sold? H346 Y₁ N₃

A. *If #18 is No, SKIP TO #19.* Because of brucellosis vaccination, what is the estimated change in value (dollars per head) for heifers sold H347 \$ + _____ / head
 H348 ORS - _____ / head

19. During 1996, were clostridial vaccines (such as for blackleg) given to any beef COWS on this operation? H349 Y₁ N₃

Route Codes for Questions 20, 22, 25, and 28
1= In the muscle (or IM)
2= Under the skin (or SQ)
3= Other (specify in margin)



Location Codes for Questions 20A, 22A, 25A, and 28A				
1= A-Neck	2= B-Shoulder	3= C-Side or rib	4= D-Upper rear leg/hip	5= E-Lower rear leg

20. *If #19 is No, SKIP TO #21.* For the clostridial vaccines given to beef COWS, were they usually given in the muscle, under the skin, or by another route? H350 _____ route
- A. What was the usual location for these injections? *Read options above* H351 _____ location
21. During 1996, were clostridial vaccines (such as for blackleg) given to any beef CALVES on this operation? H352 Y₁ N₃
22. *If #21 is No, SKIP TO #23.* For the clostridial vaccines given to beef CALVES, were they usually given in the muscle, under the skin, or by another route? H353 _____ route
- A. What was the usual location for these injections? *Read options above* H354 _____ location
23. During 1996, were antibiotic injections given to any beef COWS on this operation? H355 Y₁ N₃
24. *If #23 is No, SKIP TO #26.* During 1996, how many beef COWS were given an antibiotic injection? H356 _____ head
25. For the antibiotic injections given to beef COWS, were they usually given in the muscle, under the skin, or by another route? H357 _____ route
- A. What was the usual location for these injections? H358 _____ location
26. During 1996, were antibiotic injections given to any UNWEANED BEEF CALVES on this operation? H359 Y₁ N₃
27. *If #26 is No, SKIP TO Section 4.* During 1996, how many UNWEANED BEEF CALVES were given an antibiotic injection? H360 _____ head
28. For the antibiotic injections given to UNWEANED BEEF CALVES, were they usually given in the muscle, under the skin, or by another route? ... H361 _____ route
- A. What was the usual location for these injections? H362 _____ location

SECTION 4 - DISEASE CONTROL

1. Before bringing cattle onto this operation in the last 3 years, did you normally require vaccination of the animals for:
 - A. Brucellosis? *If only bulls brought on, circle N/A.* H401 Y₁ N/A₂ N₃
 - B. Bovine Viral Diarrhea (BVD)? H402 Y₁ N/A₂ N₃
 - C. Infectious Bovine Rhinotracheitis (IBR)? H403 Y₁ N/A₂ N₃
 - D. Leptospirosis? H404 Y₁ N/A₂ N₃
 - E. anything else? (Specify: _____) H406 H405 Y₁ N/A₂ N₃

2. Before bringing cattle onto the operation in the last 3 years, did you normally require tests for:
 - A. Brucellosis for animals 2 years of age or older?
If only cattle less than 2 years brought on, circle N/A. H407 Y₁ N/A₂ N₃
 - B. Johne's disease (*M. paratuberculosis*)? H408 Y₁ N/A₂ N₃
 - C. Bovine Viral Diarrhea (BVD)? H409 Y₁ N/A₂ N₃
 - D. Bovine Tuberculosis (TB)? H410 Y₁ N/A₂ N₃
 - E. anything else? (Specify: _____) H412 H411 Y₁ N/A₂ N₃

3. At any time during the last year, what was the minimum distance between your cattle and: *Write in Don't Know if necessary*
 - A. captive cervidae, such as elk and deer? H413 _____ miles
 - B. captive bison? H414 _____ miles
 - C. cattle of Mexican origin? H415 _____ miles

4. During the Winter and Spring in the last 3 years, how often were the following wildlife species seen within one mile of the cattle on this operation?

		<i>Frequently- > 4/month</i>	<i>Occasionally- about 1-4/month</i>	<i>Rarely- < 1/month</i>	<i>Never</i>
A. Wild deer	H416	1	2	3	4
B. Wild elk	H417	1	2	3	4
C. Wild bison	H418	1	2	3	4
D. Wild pig	H419	1	2	3	4

5. Do beef cattle on your operation have direct access to dairy cattle? H420 Y₁ N₃
 - A. *If #5 is No, SKIP TO #6.* Do the beef cattle have direct access to dairy cattle and:
 - i. have nose-to-nose contact through a fence? H421 Y₁ N₃
 - ii. share pasture? H422 Y₁ N₃
 - iii. share water source? H423 Y₁ N₃

6. During the last year, did cattle from this operation:

Circle one code
for each

If YES, were your animals
commingled with cattle from
other operations?

- A. graze on public lands? Y₁ N₃ Y₁ N₃ (H424)(H428)
- B. graze in a grazing association? Y₁ N₃ Y₁ N₃ (H425)(H429)
- C. graze on leased, private lands? Y₁ N₃ Y₁ N₃ (H426)(H430)
- D. graze on your own land? Y₁ N₃ Y₁ N₃ (H427)(H431)

7. What is the average number of miles the herd is moved to grazing areas that were not contiguous with this operation? H432 _____ miles

8. During the last year, did any cattle from this operation leave for fairs or shows and return to the premises? H433 Y₁ N₃

9. What percentage of the beef cattle and calves that died in 1996 were disposed of by the following methods? *Include stillborns, but do not include abortions.*

- A. Buried on this operation H434 _____ %
- B. Landfill H435 _____ %
- C. Renderer H436 _____ %
- D. Other (Specify: _____) H438 H437 _____ %
- CHECK TOTAL - Should = 100% 100%

10. During the last year, were any of the following fly control methods used on this operation?

- A. ENVIRONMENTAL fly control (sprays, foggers, strips) H439 Y₁ N₃
- B. Topical products (dustbags, dips, sprays, backrubs) H440 Y₁ N₃
- C. Treated ear tags H441 Y₁ N₃
- D. Biologic control (predators) H442 Y₁ N₃
- E. Other (specify: _____) H444 H443 Y₁ N₃

11. During the last year, were any of the following methods of rodent control routinely used on this operation?

- A. Chemicals/bait H445 Y₁ N₃
- B. Traps H446 Y₁ N₃
- C. Cats H447 Y₁ N₃
- D. Other methods (specify: _____) H449 H448 Y₁ N₃

12. Do the storage units used for grain and protein supplement fed to cows PREVENT access to the feed by the following animals?

- A. Dogs H450 Y₁ N₃
- B. Cats H451 Y₁ N₃
- C. Birds H452 Y₁ N₃
- D. Rodents H453 Y₁ N₃

13. Are any of the following methods used to dispose of manure?
- A. Drag or harrow pastures H454 Y₁ N₃
 - B. Hauled and spread onto land used for grazing or forage production
for this operation H455 Y₁ N₃
 - C. Hauled and spread onto other land H456 Y₁ N₃
 - D. Other method (specify: _____) H458 H457 Y₁ N₃
14. Which of the following best describes how familiar you were with Johne's disease in cattle before today? *Should pronounce as Yo-knees, Jon-knees, or M. paratuberculosis* H459 _____ code
- 1= had not heard of it before
 - 2= recognized the name, not much else
 - 3= knew some basics
 - 4= was fairly knowledgeable
15. *If #14 is a code 1, SKIP TO #17.* In the LAST 2 YEARS, have any cattle on this operation been tested for Johne's disease by blood or fecal testing? . H460 Y₁ N₃
16. *If #14 is a code 1, SKIP TO #17.* On this operation in the LAST 10 YEARS, have any cattle been diagnosed with Johne's disease by:
- A. positive fecal test? H461 Y₁ N₃
 - B. positive blood test? H462 Y₁ N₃
 - C. clinical diagnosis by veterinarian? H463 Y₁ N₃
17. Do you strongly agree, agree, disagree, or strongly disagree with this statement:
- | | | | | |
|-----------------------|--------------|-----------------|--------------------------|-------------------|
| <i>Strongly Agree</i> | <i>Agree</i> | <i>Disagree</i> | <i>Strongly Disagree</i> | <i>No Opinion</i> |
| 1 | 2 | 3 | 4 | 5 |
- The United States is well prepared to handle outbreaks of livestock diseases currently NOT found in this country, such as foot and mouth disease and rinderpest. H464

SECTION 5 - FEED MANAGEMENT

1. In 1996, did unweaned calves have access to creep feed? H501 Y₁ N₃
- A. *If #1 is No, SKIP TO #2.* On average, how many days did they have access to creep feed? H502 _____ days
2. Think about the overall condition of your pasture during the summers of 1993, 1994, and 1995. Which of the following best describes the condition of your pasture in 1996 compared to those past summers? H503 _____ code
- 1= 1996's pasture was better than any of the previous 3 years
 - 2= 1996's was about the same as the previous 3-year average
 - 3= 1996's was not as good as any of the previous 3 years

SECTION 6 - MARKETING

1. *Bring forward from page 1 of this questionnaire the total number of calves weaned in 1996 (from shaded box, #299). Write the number in the following question and read it to the Producer.* The data collected in January shows _____ calves weaned in 1996. Is this correct? Y₁ N₃
Enter the correct number of calves weaned in 1996 here: _____ H601 _____ head

- A. *From #1 above (response code H600), write in the correct number of calves weaned in 1996 in the following questions and read it to the Producer.* Of the _____ calves weaned in 1996, how many were marketed for feeding within 60 days of weaning? _____ H602 _____ head

2. *If #1 is 0, SKIP TO #6.* To the first point of delivery, what percentage of the calves marketed for feeding within 60 days of weaning were shipped:
 - A. less than 50 miles? _____ H603 _____ %
 - B. 50- 99 miles? _____ H604 _____ %
 - C. 100 - 499 miles? _____ H605 _____ %
 - D. 500 or more miles? _____ H606 _____ %
 - E. an unknown distance? _____ H607 _____ %

CHECK: Should equal 100% _____ **100%**

3. In 1996, for calves marketed for feeding within 60 days of weaning, what was the average price received per hundred weight for:
 - A. steers? _____ H608 \$ _____ /cwt
 - B. bull? _____ H609 \$ _____ /cwt
 - D. heifers? _____ H610 \$ _____ /cwt

4. Do you usually provide your buyers with information about your calf health program? _____ H611 Y₁ N₃
 - A. If yes, which of the following describes the way you conveyed the information? _____ H612 _____ code
 - 1= written documentation
 - 2= told buyer orally
 - 3= other (Specify: _____) H613

5. Does the same person or company tend to buy your calves marketed for feeding each year? _____ H614 Y₁ N₃

6. Did you sell or plan to sell any of the calves weaned in 1996 for breeding purposes? _____ H615 Y₁ N₃
 - A. *If #6 is No, SKIP TO #7.* How many bull and heifer calves weaned in 1996 have been or will be sold for breeding purposes?
 - i. Bulls _____ H616 _____ head
 - ii. Heifers _____ H617 _____ head

7. **Bring forward from page 1 of this questionnaire the number of cows sold for slaughter in 1996 (from shaded box, #317). Write the number in the following question and read it to the Producer.**
 The data collected in January shows _____ head of cull cows marketed for slaughter during 1996. Is this correct? Y₁ N₃
Enter the correct number of cows sold for slaughter here: H618 _____ head
8. **If #7 is 0, SKIP TO #12.** To the first point of delivery, what percentage of the cull cows were shipped:
 A. less than 50 miles? H619 _____ %
 B. 50 - 99 miles? H620 _____ %
 C. 100 - 499 miles? H621 _____ %
 D. 500 or more miles H622 _____ %
 E. an unknown distance? H623 _____ %
CHECK: Should equal 100% **100%**
9. How many of the cows culled in 1996 were known or assumed to be pregnant? H624 _____ head
10. In 1996, what was the average dollar value received per head for cows culled in:
 A. normal body condition? H625 \$ _____ /head
 B. poor body condition (low cutter or canner grade)? H626 \$ _____ /head
11. How many of the cows culled in 1996 were in poor body condition (low cutter or canner grade)? H627 _____ head
12. Clinical signs of Johne's disease in cattle include diarrhea and weight loss that doesn't respond to treatment despite a normal appetite. In the last 12 months, how many cows showed these signs? H628 _____ head
- A. **If #12 is 0, SKIP TO #13.** Of the cows showing clinical signs of Johne's, how many died? H629 _____ head
May answer as head or percent. H630 **OR** _____ %
- B. Of the cows showing clinical signs of Johne's, how many were culled? H631 _____ head
May answer as head or percent. H632 **OR** _____ %
13. If a pregnant cow has chronic diarrhea and weight loss with a normal appetite and doesn't respond to treatment, which of the following best describes what you would usually do? H633 _____ code
 1= cull her right away no matter what her pregnancy status is
 2= if less than 8 months pregnant, cull her; otherwise, allow her to calve and then cull her
 3= normally don't cull if a pregnant cow shows the above signs

14. This question asks about the labor hours of ALL individuals involved with the cow/calf operation. Over the course of a year, what is the total hours per week allocated to the managing and caring for the animals in the cow/calf operation during:

- A. winter? H634 _____ hrs/wk
- B. spring? H635 _____ hrs/wk
- C. summer? H636 _____ hrs/wk
- D. fall? H637 _____ hrs/wk

15. Because of the low prices for weaned calves sold in 1995 and 1996, which of the following best describes how you managed:

- | | <i>Did
More</i> | <i>Did the
same amount</i> | <i>Did
less</i> | <i>Not
applicable</i> | |
|---|---------------------|--------------------------------|---------------------|---------------------------|------|
| A. vaccinations? | 1 | 2 | 3 | 4 | H638 |
| B. energy supplements? | 1 | 2 | 3 | 4 | H639 |
| C. protein supplements? | 1 | 2 | 3 | 4 | H640 |
| D. medications (herd)? | 1 | 2 | 3 | 4 | H641 |
| E. medications (individual)? | 1 | 2 | 3 | 4 | H642 |
| F. labor inputs? | 1 | 2 | 3 | 4 | H643 |
| G. culling? | 1 | 2 | 3 | 4 | H644 |
| H. veterinary services? | 1 | 2 | 3 | 4 | H645 |
| I. forward pricing? | 1 | 2 | 3 | 4 | H646 |
| J. retained ownership of weaned calves? | 1 | 2 | 3 | 4 | H647 |

16. Rate each of the following statements as strongly agree, agree, disagree, or strongly disagree. --state health condition from list-- had a significant economic impact on this cow/calf operation in the last 12 months. Include the cost of prevention, cost of treatment, and lost production. For example, say "Internal parasites had a significant economic impact on this cow/calf operation in the last 12 months. Include the cost of prevention, cost of treatment, and lost production." Circle 1 code only for each item.

	<i>Strongly Agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly Disagree</i>	<i>No Opinion</i>
Parasites					
A. Internal parasites H648	1	2	3	4	5
B. External parasites (flies, lice, ticks, grubs) H649	1	2	3	4	5
Digestive					
C. Calf scours H650	1	2	3	4	5
D. Bloat/colic/ulcers (abomasal/stomach) H651	1	2	3	4	5
E. Coccidiosis H652	1	2	3	4	5
Reproductive					
F. Open/late calvers H653	1	2	3	4	5
G. Abortion H654	1	2	3	4	5
H. Weak calves H655	1	2	3	4	5
Respiratory					
I. Calf pneumonia/shipping fever H656	1	2	3	4	5
J. Cow asthma H657	1	2	3	4	5
Plant-related					
K. Any plant-related toxicities H658	1	2	3	4	5
Other					
L. Pinkeye H659	1	2	3	4	5
M. Foot rot H660	1	2	3	4	5
N. White muscle disease (selenium/vitamin E deficiency) H661	1	2	3	4	5
O. Copper deficiency H662	1	2	3	4	5
P. Anaplasmosis H663	1	2	3	4	5
Q. Grass tetany H664	1	2	3	4	5

17. Rate each of the following statements as strongly agree, agree, disagree, or strongly disagree. --state health conditions from list-- is a significant problem for the U. S. beef cattle industry. For example, say "Tuberculosis is a significant problem for the U.S. beef cattle industry." Circle 1 code for each item.

	<i>Strongly Agree</i>	<i>Agree</i>	<i>Disagree</i>	<i>Strongly Disagree</i>	<i>No Opinion</i>
A. Tuberculosis H665	1	2	3	4	5
B. Brucellosis H666	1	2	3	4	5
C. Trichomoniasis H667	1	2	3	4	5
D. Johne's disease (paratuberculosis) H668	1	2	3	4	5
E. Bovine leukosis virus infection (BLV) H669	1	2	3	4	5

OFFICE USE ONLY

Complete this page for each Producer.

State:	Operation #:	VMO Initials:	Date: / /	(mm/dd/yy)
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1. Total time for interview: HITM _____ min
(include time to discuss the program and complete the questionnaire)
2. Total travel time (round trip) HTTM _____ min
3. Enter response code 99 if questionnaire is completed or enter one code of 00 -
12 that best describes the reason why the Producer is not participating. . HRCO _____ code

- | | |
|---|--|
| 99 - Survey completed | 00 - Producer not contacted by VMO |
| 01 - Poor time of year to contact | 02 - No time (poor health, etc) |
| 04 - Doesn't want anyone on operation | 05 - Doesn't want to divulge information |
| 06 - Bad experience with government veterinarians | 07 - Doesn't want to do another survey |
| 09 - Told NASS they didn't want to be contacted | 12 - Other reason (explain in comments) |
| 11 - Ineligible (no animals, etc) | |

Skip to #7 if Producer is not participating.

4. Circle the appropriate response for each type of biological sampling the Producer agreed to. This summary is a check for data entry to make sure the CER's are received and will also help the NAHMS staff track response rate.

A. Blood	PARTBLD	Y ₁ _____	N ₃ _____
B. Forage	PARTFOR	Y ₁ _____	N ₃ _____
C. Water	PARTWTR	Y ₁ _____	No Well ₂ _____ N ₃ _____
D. Fecal	PARTFEC	Y ₁ _____	Not Offered ₂ _____ N ₃ _____
E. Cost of Producing a Beef Calf	PARTCOST	Y ₁ _____	N ₃ _____
5. Producer Data Quality (PDQ) (See handbook for codes of 1-4) HPDQ _____ code
6. Field Data Quality (FDQ) (Completed by Coordinator) HFDQ _____ code
7. Comments regarding this questionnaire or operation:

VMO or AHT Signature: _____

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0079. The time required to complete this information collection is estimated to average 1 hour per response, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collection. Send comments regarding this burden estimate or any other aspect of the collection of information, including suggestions for reducing this burden, to Department of Agriculture, Clearance Officer OIRM, Ag Box 7630, Washington, D.C. 20250, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

Cost of Producing a Beef Calf in 1996

To help estimate the economic impact of cattle diseases to cow/calf Producers, we now ask you to provide information relating to your cost of producing a beef calf. Use one of the following worksheets to determine your cost of production. Even if you maintain good production and financial records and know your cost of production, still use the worksheet. The worksheet is based on data the Federal Tax Form 1040, Schedule F. You need only to complete the worksheet section that pertains to your accounting method.

While the following worksheets provide a good estimate of the cost of producing a beef calf, a more complete analysis of the cow/calf enterprise is possible using the Standardized Performance Analysis sponsored by the National Cattlemen's Association and the USDA Extension Service.

NOTE: Your data collector will call you next week for the responses to the last two questions on the worksheet you complete. We are not asking for any of the other numbers used.

Cash Accounting Method

If you completed Parts I and II of Schedule F, then use this Cash Accounting Method worksheet. If you file on a calendar year basis, use your 1996 tax return. If you file on a fiscal year basis, then use your latest tax return

Category A: Expenses

- A1. Operating expenses (feed, fuel, hired labor, etc.)
- i. total expenses (line 35, Sch F) \$ _____
 - ii. minus depreciation (line 16, Sch F) . - _____
 - iii. minus interest (line 23a&b, Sch F) . - _____ . . . total = \$ _____ A1
- A2. Purchased non-breeding livestock and other farm items for resale (line 2, Sch F) . . \$ _____ A2
- A3. Annual cost of capital assets - This information is not found on Schedule F.
 Current market value (an estimate of what you would receive if you auctioned your operation today)
- i. real estate (land and facilities) . \$ _____
 - ii. equipment and machinery + _____
 - iii. all livestock + _____
 - iv. supplies (feed, fuel, etc) + _____
 - v. financial assets + _____
- Subtotal (total of above 5 lines) \$ _____
 Adjusted subtotal (above subtotal times .10) \$ _____ A3
- A4. Unpaid family labor
 (total hours of unpaid family labor for year multiplied by \$10 per hour) \$ _____ A4
- Category A Total (A1+A2+A3+A4) \$ _____**

Category B: Adjustments to expenses

B1. Non-beef calf farm sales

- i. Sales of livestock bought for resale (line 1, sch F) . . . \$ _____
- ii. plus sale of raised livestock, etc (line 4, sch F) + _____
- iii. minus value of beef calves at time of weaning - _____ .. total = \$ _____ B1

B2. Other farm income and government payments

- i. Gross income (line 11, sch F) \$ _____
- ii. minus net from items purch for resale (line 3, sch F) . - _____
- iii. minus sale of farm raised items (line 4, sch F) - _____ .. total = \$ _____ B2

Category B Total (B1 + B2) \$ _____

Adjusted Expenses (Category A Total - Category B Total) \$ _____

Hundredweight of calves weaned in 1996 (or fiscal year) _____ (cwt)

The following two responses will be given to your data collector, who will call you in the next 7-10 days for the answers to #1 and #2 only.

1. Beef calf production cost (Adjusted Expenses / hundredweight of calves weaned) \$ ____ /cwt

2. Percent farm sales from sale of beef calves _____ (%)

Follow steps below to determine answer to #2.

- i. Sales of livestock, etc purch for resale (line 1, sch F) \$ _____
- ii. Sales of livestock, etc raised on farm (line 4, sch F) + _____
- Total \$ _____

Total beef calf receipts (from personal records) \$ _____

Divide beef calf receipts by #2 Total above it. Multiply result by 100 to get percentage for #2.

(beef calf receipts / (line 1 + line 4) X 100

NOTES:

A3 Include ALL items used in the production of ALL agricultural enterprises associated with the operation (thus other livestock and grain farming assets are included). Capital assets include real estate (land and buildings, exclude residence), equipment and machinery, all livestock, and supplies (feed, fuel, seed, etc). To this figure add financial assets including cash and other funds which will be used within the next 12 months for any of the agricultural enterprises of this operation. Do not include personal financial assets that would NOT be used to finance agricultural production, such as an IRA.

B1 Use the estimated value of beef calves at weaning. If beef calf sales occurs within 30 days of weaning, you may use sale receipts. DO NOT subtract receipts from sale of cull cows or yearling animals.

Accrual Accounting Method

If you completed Parts II and III, and line 11 of Part I of Schedule F, then use this Accrual Accounting Method worksheet. If you file on a calendar year basis, use your 1996 tax return. If you file on a fiscal year basis, then use your latest tax return.

Category A: Expenses

- A1. Operating expenses (feed, fuel, hired labor, etc.)
- i. total expenses (line 35, Sch F) \$ _____
 - ii. minus depreciation (line 16, Sch F) . - _____
 - iii. minus interest (line 23a&b, Sch F) . - _____ total = \$ _____ A1
- A2. Cost of livestock, produce, grains and other products sold (line 50, Sch F) \$ _____ A2
- A3. Annual cost of capital assets
- Current market value (an estimate of what you would receive if you auctioned your operation today)
- i. - real estate (land and facilities) . . \$ _____
 - ii. equipment and machinery \$ _____
 - iii. all livestock \$ _____
 - iv. supplies (feed, fuel, etc) \$ _____
 - v. financial assets \$ _____
- Subtotal (total of above 5 lines) \$ _____
- Adjusted subtotal (subtotal above times .10) \$ _____ A3
- A4. Unpaid family labor
- (total hours of unpaid family labor for year multiplied by \$10 per hour) \$ _____ A4
- Category A Total (A1+A2+A3+A4) \$ _____**

Category B: Adjustments to Expenses

- B1. Non-beef calf farm sales
- i. Total farm sales (line 38, sch F) \$ _____
 - ii. minus cash receipts from sale of weaned beef calves or estimated value (from personal records) - _____ total = \$ _____ B1
- B2. Other farm income and government payments
- i. Subtotal from line 45, Sch F \$ _____
 - ii. minus sales of livestock, etc (line 38, Sch F) - _____ total = \$ _____ B2
- Category B Total (B1 + B2) \$ _____**

Adjusted expenses (Category A Total - Category B Total) \$ _____

Hundredweight of calves weaned in 1996 (or fiscal year) _____ (cwt)

The following two responses will be given to your data collector, who will call you in the next 7-10 days for these answers.

1. Beef calf production cost (Adjusted expenses / hundredweight of calves weaned) .. \$ ____/cwt
2. Percent farm sales from sale of beef calves _____ (%)
[beef calf receipts / (line 38, Sch F) x 100]

NOTES:

- A3 Include ALL items used in the production of ALL agricultural enterprises associated with the operation (thus other livestock and grain farming assets are included). Capital assets include real estate (land and buildings, exclude residence), equipment and machinery, all livestock, and supplies (feed, fuel, seed, etc). To this figure add financial assets including cash and other funds which will be used within the next 12 months for any of the agricultural enterprises of this operation. Do not include personal financial assets that would NOT be used to finance agricultural production, such as an IRA.
- B1 Subtract the estimated value of beef calves at weaning. If beef calf sales occurs within 30 days of weaning, you may use sale receipts. DO NOT subtract receipts from sale of cull cows or yearling animals.

**Tear off this page and hand to Producer during the interview.
The Producer can use as a visual to answer question 14
on page 6, and questions 16-17 on page 15.**

----->	Calves 1 to 21 Days?	Calves 22 Days through Weaning?	Weaned Replacement Heifers through Breeding?	Bred Replacement Heifers through Calving?	Cows ?	Bulls?
GENERAL (Resp and/or Repro)						
IBR (Rednose, infectious bovine rhinotracheitis)	V101	V201	V301	V401	V501	V601
BVD (Bovine viral diarrhea)	V102	V202	V302	V402	V502	V602
<u>Hemophilus somnus</u>	V103	V203	V303	V403	V503	V603
RESPIRATORY						
PI3 (parainfluenza virus)	V104	V204	V304	V404	V504	V604
BRSV (bovine respiratory syncytial virus)	V105	V205	V305	V405	V505	V605
Pasteurella	V106	V206	V306	V406	V506	V606
REPRODUCTIVE						
<u>Brucella abortus</u>		V207	V307			
Leptospira		V208	V308	V408	V508	V608
Campylobacter (vibrio)			V309	V409	V509	V609
Trichomoniasis			V310	V410	V510	V610
CLOSTRIDIAL						
<u>C. chauvoei</u> (blackleg) and/or <u>C. septicum</u> (malignant edema)	V111	V211	V311	V411	V511	V611
<u>C. perfringens</u> C and D (enterotoxemia, overeating)	V112	V212	V312	V412	V512	V612
Other clostridial vaccinations	V113	V213	V313	V413	V513	V613
DIGESTIVE						
Rota/Corona	V114	V214	V314	V414	V514	
<u>E. coli</u>	V115	V215	V315	V415	V515	
Salmonella	V116	V216	V316	V416	V516	V616
OTHER						
Anaplasmosis	V117	V217	V317	V417	V517	V617
John's	V118	V218				
<u>Moraxella bovis</u> (pinkeye)	V119	V219	V319	V419	V519	V619
Wart virus	V120	V220	V320	V420	V520	V620

16. Rate each of the following statements as strongly agree, agree, disagree, or strongly disagree. --state health condition from list-- had a significant economic impact on this cow/calf operation in the last 12 months. Include the cost of prevention, cost of treatment, and lost production. For example, say "Internal parasites had a significant economic impact on this cow/calf operation in the last 12 months. Include the cost of prevention, cost of treatment, and lost production." Circle 1 code only for each item.

	Strongly Agree	Agree	Disagree	Strongly Disagree	No Opinion
Parasites					
A. Internal parasites H648	1	2	3	4	5
B. External parasites (flies, lice, ticks, grubs) H649	1	2	3	4	5
Digestive					
C. Calf scours H650	1	2	3	4	5
D. Bloat/colic/ulcers (abomasal/stomach) H651	1	2	3	4	5
E. Coccidiosis H652	1	2	3	4	5
Reproductive					
F. Open/late calvers H653	1	2	3	4	5
G. Abortion H654	1	2	3	4	5
H. Weak calves H655	1	2	3	4	5
Respiratory					
I. Calf pneumonia/shipping fever H656	1	2	3	4	5
J. Cow asthma H657	1	2	3	4	5
Plant-related					
K. Any plant-related toxicities H658	1	2	3	4	5
Other					
L. Pinkeye H659	1	2	3	4	5
M. Foot rot H660	1	2	3	4	5
N. White muscle disease (selenium/vitamin E deficiency) H661	1	2	3	4	5
O. Copper deficiency H662	1	2	3	4	5
P. Anaplasmosis H663	1	2	3	4	5
Q. Grass tetany H664	1	2	3	4	5

17. Rate each of the following statements as strongly agree, agree, disagree, or strongly disagree. --state health conditions from list-- is a significant problem for the U. S. beef cattle industry. For example, say "Tuberculosis is a significant problem for the U.S. beef cattle industry." Circle 1 code for each item.

	Strongly Agree	Agree	Disagree	Strongly Disagree	No Opinion
A. Tuberculosis H665	1	2	3	4	5
B. Brucellosis H666	1	2	3	4	5
C. Trichomoniasis H667	1	2	3	4	5
D. Johne's disease (paratuberculosis) H668	1	2	3	4	5
E. Bovine leukosis virus infection (BLV) H669	1	2	3	4	5