



Animal and Plant Health Inspection Service

Veterinary Services

National Animal Health Monitoring System

2150 Centre Ave Bldg B Fort Collins, CO 80526

Form Approved OMB Number 0579-0188 Expiration date: 6/2013

Sheep 2011 General Sheep Management Questionnaire CATI

BEGINNING TIME [military] _____

—

INTRODUCTION

[Rephrase in your own words.]

Now we would like to ask you some questions about your sheep operation. In order to understand important issues in the sheep industry, we need to obtain information about the health status of these sheep and any health problems they may have had, as well as productivity and management information.

You may find it easier to answer some of the questions if you have records available. Response is **voluntary** and not required by law. However, your report is needed to make regional and national estimates as accurate as possible.

Section A—Inventory

1. Of the sheep and lambs for **breeding** on this operation on January 1, 2011, how many were:
 - a. Ewes 1 year old and older?..... _____ head
 - b. Rams 1 year old and older?..... _____ head
 - c. Replacement lambs less than 1 year old (including unweaned lambs kept for breeding)?..... _____ head

2. Of the sheep and lambs for **market** on this operation on January 1, 2011, how many were:
 - a. Sheep 1 year old and older (not used for breeding)?..... _____ head
 - b. Lambs less than 1 year old (including unweaned lambs not kept for breeding)?..... _____ head

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**NAHMS-246
Oct 2010**

- c. Lambs:
- (1) Less than 65 pounds (including unweaned market lambs)?..... _____ head
- (2) 65 to 84 pounds?..... _____ head
- (3) 85 to 105 pounds?..... _____ head
- (4) More than 105 pounds?..... _____ head
3. Total sheep and lambs on hand January 1, 2011, was:
 [Add questions 1a–1c, 2a, and 2c.]..... _____ head
4. First, I would like to ask about the breed categories. Please include each animal only once. How many of the sheep and lambs on hand January 1, 2011, were (either number of animals or percentage):
- | | Head | OR | % |
|---|-------|----|-------|
| a. Mottle-faced crossbred?..... | _____ | | _____ |
| b. Colored wool?..... | _____ | | _____ |
| c. Fine wool white face?..... | _____ | | _____ |
| d. Medium wool white face?..... | _____ | | _____ |
| e. Long wool?..... | _____ | | _____ |
| f. Black face?..... | _____ | | _____ |
| g. Hair sheep (include Barbados)?..... | _____ | | _____ |
| h. Milk sheep?..... | _____ | | _____ |
| i. Other? (specify: _____)..... | _____ | | _____ |
| j. Unknown—feedlot operation only?..... | _____ | | _____ |
| k. Total [should equal question 3 or 100%]..... | _____ | | 100% |

Section B—Flock Management

1. How important are the following sources of information on sheep health,:
 [Check only one rating per source.]
- | | Very
Important | Somewhat
Important | Not
Important | Not
Applicable |
|-----------------------------------|-------------------|-----------------------|------------------|-------------------|
| a. SID Sheep Production Handbook? | _____ | _____ | _____ | _____ |
| b. Meetings? | _____ | _____ | _____ | _____ |
| c. Internet? | _____ | _____ | _____ | _____ |
| d. Magazines/newsletters? | _____ | _____ | _____ | _____ |
| e. University/extension? | _____ | _____ | _____ | _____ |
| f. Veterinarians or consultants? | _____ | _____ | _____ | _____ |
| g. Feed and drug salespeople? | _____ | _____ | _____ | _____ |
| h. Shearer? | _____ | _____ | _____ | _____ |
| i. Other sheep producers? | _____ | _____ | _____ | _____ |

2. Which of the following methods does this operation use to identify sheep individually and/or as members of the flock? (Individual ID = each animal has unique ID. Flock ID = all animals have the same ID.)

	Individual ID	Flock ID
a. Ear tag	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
b. Ear mark	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
c. Tattoo	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
d. Hot iron/freeze brand	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
e. Paint brand	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
f. Electronic chip	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
g. Scrapie program ear tag	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
h. Physical traits (description e.g., size, color: Specify: _____)	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
i. Other (specify: _____)	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No

Section C—Breeding Practices

1. How important were the following characteristics when selecting a ram for naturally breeding ewes during 2010?

	Very Important	Somewhat Important	Not Important
a. Ram's visual appearance	_____	_____	_____
b. Scrotal circumference, semen quality	_____	_____	_____
c. Wool quality	_____	_____	_____
d. Meat production	_____	_____	_____
e. Ram's average daily gain (growth) as a lamb	_____	_____	_____
f. Pedigree	_____	_____	_____
g. Breeding history	_____	_____	_____
h. National Sheep Improvement Program (NSIP) records (expected progeny difference [EPD])	_____	_____	_____
i. Genetic resistance to:			
i. scrapie	_____	_____	_____
ii. intestinal parasites	_____	_____	_____
iii. other diseases	_____	_____	_____
j. Soundness/health of ram's flock of origin	_____	_____	_____
k. Other nonram-related reasons (e.g., cost, proximity, availability)	_____	_____	_____

2. During 2010, how many replacement rams and ewe lambs were:

a. Born and raised on this operation?.....	_____ head
b. Acquired elsewhere?.....	_____ head

3. How important were the following characteristics when selecting replacement ewe lambs in 2010?

	Very Important	Somewhat Important	Not Important
a. Visual appearance	_____	_____	_____
b. Ability to breed out of season	_____	_____	_____
c. National Sheep Improvement Program (NSIP) records (expected progeny difference [EPD])	_____	_____	_____
d. Multiple births	_____	_____	_____
e. Health status of flock of origin	_____	_____	_____
f. Early sexual maturity	_____	_____	_____
g. Pedigree	_____	_____	_____
h. Average daily gain	_____	_____	_____
i. Genetic resistance to:			
i. scrapie	_____	_____	_____
ii. intestinal parasites	_____	_____	_____
iii. other diseases	_____	_____	_____
j. Other nonewe-related reasons (e.g., cost, proximity, availability)	_____	_____	_____
4. For the most recent lamb crop, how many ewes expected to lamb were:			
a. Bred on this operation?			_____ head
b. Purchased pregnant?			_____ head
c. Total [Add questions 4a–4b.].....			_____ head
5. For this operation's most recent lamb crop, of the total ewes that were expected to lamb in 2010 (include ewes exposed or obtained already bred), how many:			
a. Never became pregnant?.....			_____ head
b. Became pregnant, but were removed from the operation prior to lambing?.....			_____ head
c. Became pregnant, but died prior to or during lambing?.....			_____ head
d. Aborted (small lamb with off-color placental material)?.....			_____ head
e. Had multiple lambs, at least one live and one dead birth (full term, normal size and development)?.....			_____ head
f. Had only dead births (full term, normal size and development)?.....			_____ head
g. Had only live births?.....			_____ head
h. Total [Add questions 5a–5g.].....			_____ head

Section D—Lamb Crop

1. During 2010, how many lambs were:			
a. Born alive?.....			_____ head
b. Born dead?.....			_____ head
c. Total [Add questions 1a–1b.].....			_____ head
d. Docked.....			_____ head

2. What was the average age (in days) at which these ram lambs were castrated? _____ days
3. What was the **primary** method of castration?
 - ₁ Band
 - ₂ Burdizzo
 - ₃ Knife
 - ₄ Other (specify: _____)
4. Of the lambs born in 2010, how many were or are expected to be weaned?..... _____ head
5. During 2010, when lambs were weaned what was their:
 - a. Average age (in weeks)?..... _____ weeks
 - b. Average weight (in pounds)?..... _____ lb
6. How many weaned lambs were sold in 2010, including lambs weaned at the time of removal from the operation?..... _____ head

Section E—Marketing

1. How many lambs (including those going directly to feedlots) and sheep were sold or removed (excluding those that died) during 2010?
 - a. Lambs..... _____ head
 - b. Cull Sheep..... _____ head
 - c. Breeding or other sheep..... _____ head
 - d. Total [Add questions 1a–1c.]..... _____ head
2. Of the lambs and sheep sold or permanently removed in 2010, how many were:

	Cull	Sheep	Breeding or Other Sheep
	Lambs	Sheep	head
a. Sold directly to slaughter/packer?	_____	_____	_____ head
b. Sold directly to a feedlot separate from this operation?	_____	_____	_____ head
c. Sold directly to backgrounder (nonfeedlot feeders)?	_____	_____	_____ head
d. Sold directly to consumer or ethnic market?	_____	_____	_____ head
e. Sold directly to another operation?	_____	_____	_____ head
f. Sold at auction market/salebarn?	_____	_____	_____ head
g. Sold directly to buyer/dealer?	_____	_____	_____ head
h. Slaughtered for personal use or euthanized?	_____	_____	_____ head
i. Other types of sales? (specify: _____)	_____	_____	_____ head
j. Total [Add questions 2a–2h; should equal questions 3a and 3b.]	_____	_____	_____ head
3. Of the sheep culled in 2010, how many were:
 - a. Rams..... _____ head
 - b. Ewes..... _____ head

c. Total [Add questions 3a–3b.].....		_____ head
4. Of the rams and ewes culled in 2010, how many were culled primarily due to:		
	Cull Rams	Cull Ewes
a. Old age?.....	_____	_____ head
b. Teeth problems?.....	_____	_____ head
c. Poor mothering?.....	NA	_____ head
d. Hard bag syndrome?.....	NA	_____ head
e. Mastitis?.....	NA	_____ head
f. Failure to lamb? (open or aborted)?.....	NA	_____ head
g. Single-lamb births?.....	NA	_____ head
h. Ram breeding soundness?.....	_____	NA head
i. Other reproductive problems? (specify: _____).....	_____	_____ head
j. Chronic weight loss?.....	_____	_____ head
k. Other illness (specify: _____).....	_____	_____ head
l. Economic? (e.g., drought, herd reduction, market conditions).....	_____	_____ head
m. Other? (specify: _____).....	_____	_____ head
n. Total [should equal questions 3a and 3b].....	_____	_____ head

Section F—Lambs and Sheep Deaths and Losses

1. During 2010, how many lambs and sheep died or were lost from all causes (exclude lambs born dead)?		
a. Lambs.....		_____ head
b. Sheep.....		_____ head
c. Total [Add questions 1a–1b.].....		_____ head

[If 1c = 0, SKIP to Section G.]

2. Of these, how many lambs and sheep died or were lost from:		
	Lambs	Sheep
a. Known predators?	_____	_____ head
b. Unknown predators?.....	_____	_____ head
c. Internal parasites?.....	_____	_____ head
d. Digestive problems (e.g., bloat, scours, enterotoxemia, acidosis)?.....	_____	_____ head
e. Respiratory problems (e.g., pneumonia, shipping fever)?.....	_____	_____ head
f. Metabolic problems (e.g., milk fever, twin lamb disease, pregnancy toxemia)?.....	_____	_____ head
g. Other disease (e.g., mastitis, footrot, boils)?.....	_____	_____ head
h. Weather-related causes (e.g., chilling, drowning, lightning)?.....	_____	_____ head
i. Lambing problems?.....		_____ head
j. Old age?.....		_____ head

- k. Being on back?..... _____ head
- l. Poisoning (e.g., nitrate poisoning, noxious feeds/weeds)?..... _____ head
- m. Lost or stolen?..... _____ head
- n. Other known, nonpredator causes? (specify: _____)..... _____ head
- o. Unknown, nonpredator causes?..... _____ head
- p. Total [should equal questions 1a and 1b]..... _____ head
3. Of the lambs and sheep that died during 2010 (questions 1a and 1 b), how many were disposed of via:
- | | Lambs | Sheep |
|--|--------------|--------------|
| a. Landfill or municipal dump?..... | _____ | _____ head |
| b. Incineration (burned)?..... | _____ | _____ head |
| c. Burial (other than landfill or municipal dump)?..... | _____ | _____ head |
| d. Rendering?..... | _____ | _____ head |
| e. Composting?..... | _____ | _____ head |
| f. Leaving for scavengers (e.g., coyotes, bears, vultures)?..... | _____ | _____ head |
| g. Other? (specify: _____)..... | _____ | _____ head |
| h. Total [Add questions 3a–3g; should equal 1a and 1b.]..... | _____ | _____ head |

Section H: Grazing and Sheep Movement

1. During 2010, how many lambs and sheep (other than births) were added to this operation?..... _____ head

[If question 1 = 0, SKIP to Section I.]

2. How many of the following types of lambs or sheep were added to the operation and quarantined in 2010 (other than those born on the operation). [Enter number added and number quarantined. If quarantined, enter average number of days quarantined in column 3.]

	# Added	# Quarantined	How long quarantined
a. Replacement ewe lambs less than 1 year old	_____	_____	_____ days
b. Replacement ewes 1 year and older	_____	_____	_____ days
c. Replacement ram lambs less than 1 year old	_____	_____	_____ days
d. Replacement rams 2 year and older	_____	_____	_____ days
e. All other sheep and lambs	_____	_____	_____ days
f. Total [Add 2a–2e.] (1 st col should = question 1)	_____	_____	

3. Were the following performed on one or more of the lambs and sheep added in 2010 (question 1) either prior to or after arrival? [DK = Don't know]

	Done prior to arriving at this operation				Done at this operation			
a. Any vaccinations	<input type="checkbox"/> ₁ All	<input type="checkbox"/> ₂ Some	<input type="checkbox"/> ₃ None	<input type="checkbox"/> ₄ DK	<input type="checkbox"/> ₁ All	<input type="checkbox"/> ₂ Some	<input type="checkbox"/> ₃ None	<input type="checkbox"/> ₄ DK
b. Shearing	<input type="checkbox"/> ₁ All	<input type="checkbox"/> ₂ Some	<input type="checkbox"/> ₃ None	<input type="checkbox"/> ₄ DK	<input type="checkbox"/> ₁ All	<input type="checkbox"/> ₂ Some	<input type="checkbox"/> ₃ None	<input type="checkbox"/> ₄ DK

- | | | | | | | | | |
|--|--------------------------------|---------------------------------|---------------------------------|-------------------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|
| c. Foot trim | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK |
| d. Medicated footbath | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK |
| e. Deworm | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK |
| f. External parasite treatment | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK |
| g. OPP (ovine progressive pneumonia) testing | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK |
| h. Johne's testing | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK |
| i. Scrapie susceptibility testing | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK |
| j. Other (specify: _____) | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK | <input type="checkbox"/> 1 All | <input type="checkbox"/> 2 Some | <input type="checkbox"/> 3 None | <input type="checkbox"/> 4 DK |

Section I—Sheep Health Management

1. During 2010, how many times was this operation visited for any sheep-related reason by the following?
 - a. Private veterinarian..... _____ times
 - b. Federal/State veterinarian..... _____ times
 - c. Extension agent..... _____ times
 - d. Nutritionist..... _____ times

2. If no veterinarian was used in 2010 (1a=0), which of the following best describes why not?
 - 1 No health related problems
 - 2 No veterinarian with sheep experience available
 - 3 Too expensive
 - 4 Other

3. Was a private veterinarian consulted for sheep:
 - a. Disease diagnosis?..... 1 Yes 3 No
 - b. Disease prevention?..... 1 Yes 3 No
 - c. Nutritional information?..... 1 Yes 3 No
 - d. Production management practices?..... 1 Yes 3 No
 - e. Lambing problems?..... 1 Yes 3 No
 - f. Breeding soundness exam (rams)? 1 Yes 3 No
 - g. Pregnancy check? 1 Yes 3 No
 - h. Lameness?..... 1 Yes 3 No
 - i. Other? (specify: _____)..... 1 Yes 3 No

4. Did this operation treat any sheep for external parasites (such as keds, ticks, or lice) during 2010?..... 1 Yes 3 No

Section J—Conclusion

How many minutes did take to complete this survey?..... _____ min

This completes the survey. Thank you for your help.