



Animal and
Plant Health
Inspection
Service

Veterinary
Services

2011 GENERAL SHEEP MANAGEMENT QUESTIONNAIRE

National Animal Health
Monitoring System

2150 Centre Ave.,
Bldg. B
Fort Collins, CO 80526-8117

Form Approved
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Please make corrections to name, address and zip code, if necessary.

BEGINNING TIME [MILITARY]

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.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number is 0579-0188. The time required to complete this information collection is estimated to average 60 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

Section A –Inventory

1. On January 1, 2011, were any sheep or lambs, regardless of ownership, on this operation?
(Include Barbados and all hair breed sheep.)

- ₁ Yes – Continue
- ₃ No – SKIP to Section M, Question 4.

0564

2. Of the sheep and lambs for **breeding**, regardless of ownership, on this operation on January 1, 2011 how many were:

- a. Ewes 1 year old and older?
- b. Rams 1 year old and older?
- c. Replacement lambs less than 1 year old (including unweaned lambs kept for breeding)?

Head
0281
0282
0285

3. Of the sheep and lambs for **market**, regardless of ownership, on this operation on January 1, 2011 how many were:

- a. Market lambs less than 1 year old and:
 - (i) Under 65 pounds (including unweaned market lambs)?
 - (ii) 65 to 84 pounds?
 - (iii) 85 to 105 pounds?
 - (iv) Over 105 pounds?
- b. Market sheep 1 year old and older (not used for breeding)?

0836
0837
0838
0839
0287
0280

4. Total sheep and lambs, regardless of ownership, on this operation on January 1, 2011

Now I have some questions about the **breed categories** and **primary uses** of the sheep and lambs on this operation.

5. First I would like to ask about the breed categories. Please include all sheep but each animal only once. How many were (either number of animals or percentage):

	Head	OR	Percent
a. Black face wool breeds (e.g., Hampshire, Suffolk, Shropshire, Romanov, Oxford, etc.)?	0101		0112
b. Fine wool white face (e.g., Rambouillet, Merino, Targhee, etc.)?	0102		0113
c. Medium wool white face (e.g., Columbia, Corriedale, Cheviot, Finn, etc.)? ..	0103		0114
d. Long wool (e.g., Border Leicester, Coopworth, Romney, etc.)?	0104		0115
e. Mottle-faced, brockle or speckle-faced crossbred?	0105		0116
f. Colored wool (e.g., Black Welsh, Jacob, Navajo Churro, CA Variegated Mutant, Shetland, etc.)?	0106		0117
g. Hair sheep (e.g., Barbados, Katahdin, Dorper, St. Croix, etc.)?	0107		0118
h. Milk sheep (e.g., East Friesian, Rideau Arcott, etc.)?	0108		0119
i. Other? (specify: _____).	0109		0120
j. Unknown – feedlot operation only?	0110		0121
k. Total [should equal question 4 or 100%].	0111		100%

6. Next I would like to ask about their **primary** uses (for young sheep, report the use for which they are intended). Again, please include all sheep but each animal only once and report either number of head or percentage.

	Head	OR	Percent
a. Meat production?	0122		0129
b. Wool production?	0123		0130
c. Show, competition, 4-H, or club lambs?	0124		0131
d. Seedstock/Breedingstock?	0125		0132
e. Milk production (include milk for cheese)?	0126		0133
f. Other uses? (Specify: _____).	0127		0134
g. Total [should equal question 4 or 100%].	0128		100%

Section B – Flock Management

0202

1. How many years has the primary operator owned or managed any sheep? Years
2. How many sheep do you expect to have in 5 years, compared to your January 1, 2011 inventory?
[Check one only.]

- 0135 1 None
 2 Fewer
 3 About the same
 4 More

[If fewer, same number, or more was selected, SKIP to question 4.]

3. What is your main reason for expecting to have no sheep in 5 years?
[Check one only.]

- 0136 1 Personal or family situation (e.g., retirement, lack of successor)
 2 Price of wool
 3 Price of lambs
 4 Predator loss
 5 Labor shortage
 6 Government regulations (specify _____)
 7 Sheep disease
 8 Other (specify _____)

4. As a source of information on sheep health, how important are:
[Check only one rating per source.]

		<u>How Important?</u>			Not Applicable	
a.	Sheep Industry Development (SID) Sheep Production Handbook?	0137	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	<input type="checkbox"/> ₄
b.	Industry meetings?	0138	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	<input type="checkbox"/> ₄
c.	Internet?	0139	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	<input type="checkbox"/> ₄
d.	Magazines/newsletters?	0140	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	<input type="checkbox"/> ₄
e.	University/extension?	0141	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	<input type="checkbox"/> ₄
f.	Veterinarians?	0142	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	<input type="checkbox"/> ₄
g.	Feed and drug salespeople?	0143	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	<input type="checkbox"/> ₄
h.	Shearer?	0144	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	<input type="checkbox"/> ₄
i.	Other sheep producers?	0145	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	<input type="checkbox"/> ₄

5. Do you belong to a:

- a. National sheep association or club? 0146 ₁ Yes ₃ No
- b. State or local sheep association or club? 0147 ₁ Yes ₃ No

6. In general, for the previous 12 months, were records kept by computer, handwritten, or both?

0565 ₁ Computerized ₂ Handwritten ₃ Both ₄ None

[If none, skip to Question 8.]

7. During the previous 12 months, were production records kept for the following?

- a. Number of lambs born. 0148 ₁ Yes ₃ No
- b. Individual birth weights. 0149 ₁ Yes ₃ No
- c. Number of lambs weaned. 0150 ₁ Yes ₃ No
- d. Individual weaning weights. 0151 ₁ Yes ₃ No
- e. Health and treatment/Vaccination practices. 0152 ₁ Yes ₃ No
- f. Breeding. 0154 ₁ Yes ₃ No
- g. Number of animals culled or died. 0155 ₁ Yes ₃ No

8. During the previous 12 months, did you manage your sheep flock on: **CODE**

- a. Herded/open-range (unfenced acreage)? 1 0156 ₁ Yes ₃ No
- b. Fenced-range (uncultivated fenced acreage)? 2 0157 ₁ Yes ₃ No
- c. Pasture (farm pasture, irrigated or cultivated pasture)? 3 0158 ₁ Yes ₃ No
- d. Dry lot or feedlot (pen which does not allow grazing)? 4 0159 ₁ Yes ₃ No
- e. Other? (specify: _____). 5 0160 ₁ Yes ₃ No

9. Which of the choices in question 8 do you consider to be the primary method of managing your sheep?

[Enter the corresponding code 1-5 from question 8.] Code

0161

[If question 9 = 4 (dry lot or feedlot), SKIP to Section E.]

10. 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. Scrapie program ear tag. | 0172 | <input type="checkbox"/> ₁ Yes | <input type="checkbox"/> ₃ No | 0181 | <input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No |
| b. Other ear tag. | 0173 | <input type="checkbox"/> ₁ Yes | <input type="checkbox"/> ₃ No | 0182 | <input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No |
| c. Electronic ID. | 0174 | <input type="checkbox"/> ₁ Yes | <input type="checkbox"/> ₃ No | | |
| d. Tattoo. | 0175 | <input type="checkbox"/> ₁ Yes | <input type="checkbox"/> ₃ No | 0183 | <input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No |
| e. Paint brand. | 0176 | <input type="checkbox"/> ₁ Yes | <input type="checkbox"/> ₃ No | 0184 | <input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No |
| f. Ear mark. | 0177 | <input type="checkbox"/> ₁ Yes | <input type="checkbox"/> ₃ No | 0185 | <input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No |
| g. Physical traits (description, e.g., size, color). | 0179 | <input type="checkbox"/> ₁ Yes | <input type="checkbox"/> ₃ No | | |
| h. Other (specify: _____). | 0180 | <input type="checkbox"/> ₁ Yes | <input type="checkbox"/> ₃ No | 0187 | <input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No |

Section C – Breeding Practices

1. Were any ewes bred on your operation during 2010? 0188 ₁ Yes ₃ No

[If question 1 = NO, SKIP to question 10.]

2. What reproductive practices did this operation use during 2010?

a. Flushing (ewes fed extra energy ration prior to breeding season). 0189 ₁ Yes ₃ No

b. Crutching (prelambing shearing). 0190 ₁ Yes ₃ No

c. Teaser ram. 0191 ₁ Yes ₃ No

d. Breeding mark. 0192 ₁ Yes ₃ No

e. Ultrasound (pregnancy diagnosis, fetal counting). 0193 ₁ Yes ₃ No

f. Breeding soundness exam (rams). 0194 ₁ Yes ₃ No

g. Udder palpation or bagging. 0195 ₁ Yes ₃ No

h. Embryo transfer. 0196 ₁ Yes ₃ No

i. Estrus synchronization. 0197 ₁ Yes ₃ No

3. Were any ewes bred from February to July 2010 (out-of-season breeding)? 0199 ₁ Yes ₃ No

[If question 3 = NO, SKIP to question 5.]

4. Which of the following methods did you use for out-of-season breeding?

a. Genetic selection for ability to breed out of season. 0203 ₁ Yes ₃ No

b. Placing ram with ewes. 0204 ₁ Yes ₃ No

c. Regulating light. 0205 ₁ Yes ₃ No

d. Hormone treatments (such as CIDRS, hormone protocols, etc.). 0206 ₁ Yes ₃ No

e. Other hormone treatment (specify: _____). 0207 ₁ Yes ₃ No

f. Other (specify: _____). 0208 ₁ Yes ₃ No

5. In general, does this operation have:

0209

₁ One defined breeding season per year

₂ Two defined breeding seasons per year

₃ Three defined breeding seasons per two years

₄ No defined breeding season

6. For the **most recent breeding season**, how many ewes were bred (serviced):
[Count each ewe once]

a. By artificial insemination (AI)?	Head	0210
b. Naturally by this operation's rams?	Head	0211
c. Naturally by another operation's rams?	Head	0212
d. Total bred [Add questions 6a-6c.]	Total Head	0213

[If question 6a = 0, SKIP to question 9.]

7. When artificially inseminating breeding ewes in 2010, did you use:

- a. Fresh semen? 0214 ₁ Yes ₃ No
- b. Frozen semen? 0215 ₁ Yes ₃ No

8. Did this operation obtain semen from rams belonging to:

- a. This operation? 0216 ₁ Yes ₃ No
- b. Other operations? 0217 ₁ Yes ₃ No

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

		<u>How Important?</u>		
a. Visual appearance/conformation.	0218	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very
b. Scrotal circumference, semen quality.	0219	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very
c. Wool quality.	0220	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very
d. Meat production.	0221	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very
e. Ram's average daily gain (growth) as a lamb.	0222	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very
f. Pedigree.	0223	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very
g. Breeding history.	0224	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very
h. National Sheep Improvement Program (NSIP) records (expected progeny difference [EPD]).	0225	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very
i. Genetic resistance to:				
(i) Scrapie (RR genotype).	0226	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very
(ii) Intestinal parasites.	0227	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very
(iii) Other diseases (specify: _____).	0228	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very
j. Soundness/health of ram's flock of origin.	0229	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very
k. Non-ram related reasons (e.g., cost, proximity, availability).	0230	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very

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

	Ewes	Rams
a. Born and raised on this operation? Head	0569	0231
b. Acquired elsewhere? Head	0570	0232
c. Total [Add questions 10a-10b.] Head	0571	0566

[If ewes in 10b = 0, SKIP to question 12.]

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

		How Important?		
a. Visual appearance/conformation. 0233	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	
b. Wool quality. 0567	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	
c. Meat production. 0568	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	
d. Ability to breed out of season. 0234	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	
e. National Sheep Improvement Program (NSIP) records (EDP). 0235	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	
f. Ability to have multiple lambs. 0236	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	
g. Health status of flock of origin. 0237	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	
h. Early sexual maturity. 0238	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	
i. Pedigree. 0239	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	
j. Average daily gain. 0240	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	
k. Genetic resistance to:				
(i) Scrapie (RR genotype). 0241	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	
(ii) Intestinal parasites. 0242	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	
(iii) Other diseases (specify: _____). 0243	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	
l. Non-ewe related reasons (e.g., cost, proximity, availability). 0244	<input type="checkbox"/> ₁ Not	<input type="checkbox"/> ₂ Somewhat	<input type="checkbox"/> ₃ Very	

12. For the most recent lamb crop, how many ewes expected to lamb were:

a. Bred on this operation? Head	0245
b. Purchased pregnant? Head	0246
c. Total [Add questions 12a-12b]. Head	0247

13. For this operation's most recent lamb crop, of the total ewes that were expected to lamb (include all ewes exposed or obtained already bred), what percent:

a. Had only single live births? Percent	0248
b. Had multiple lambs with at least one live birth (full term, normal size and development)? Percent	0249
c. Had only dead births (full term, normal size and development)? Percent	0250
d. Aborted (small lamb with off-color placental material)? Percent	0251
e. Became pregnant, but died prior to or during lambing? Percent	0252
f. Became pregnant, but were removed from the operation prior to lambing? Percent	0253
g. Never became pregnant? Percent	0254
h. Total [Add questions 13a-13g; total should equal 100.]. Percent	100%

Section D – Lamb Crop

1. For the most recent lamb crop, how many lambs were:

a. Born alive?	Head	0256
b. Born dead?	Head	0257
c. Total [Add questions 1a-1b.]	Total Head	0258
d. Docked.	Head	0259
2. Considering ALL lamb crops, how many total lambs were born in 2010 (alive or dead)? If multiple lamb crops during 2010, how many total lambs were born (alive or dead) on this operation in 2010? This total can be more than 1c.]	Head	0260

[If question 2 = 0, SKIP to question 9.]

3. Of the total lambs born in 2010 (alive or dead) (question 2 above), how many were born during:
[Enter head **OR** percentage.]

	Head	OR	Percent
a. January?	0261		0277
b. February?	0262		0278
c. March?	0263		0279
d. April?	0264		0288
e. May?	0265		0289
f. June?	0266		0290
g. July?	0267		0291
h. August?	0268		0292
i. September?	0272		0293
j. October?	0273		0294
k. November?	0274		0295
l. December?	0275		0296
m. Total [should equal total in question 2 or 100%].	0276		100%

4. Of the total lambs born in 2010 (alive or dead), how many were **born in the** following types of environments: [Enter head **OR** percentage.]

	Head	OR	Percent
a. Individual lambing pen?	0297		0305
b. Barn or shed (covered but without individual pens)?	0298		0306
c. Special lambing pasture that allows increased observation and/or shelter?	0299		0307
d. Other fenced pasture?	0300		0308
e. Open range?	0301		0309
f. Dry lot (pen which does not allow grazing)	0302		0310
g. Other? (Specify: _____)	0303		0311
h. Total [should equal total in question 2 or 100%].	0304		100%

5. Were any ram lambs castrated during 2010? 0312 ₁ Yes ₃ No ₄ N/A (no rams born)

[If question 5 = 3 or 4, SKIP to question 8.]

6. What was the average age (in days) at which these rams were castrated? Days 0313

7. What was the primary method of castration?

- 0314 ₁ Band
 ₂ Burdizzo or emasculator
 ₃ Knife
 ₄ Other (specify: _____)

8. Of the lambs born in 2010, how many were or are expected to be weaned? (Include lambs weaned at time of sale.) Head 0315

9. During 2010, when lambs were weaned, what was their:

- a. Average age (in months)? Months 0316
 b. Average weight (in pounds)? Lbs. 0317

10. How many weaned lambs were sold in 2010, including lambs weaned at the time of removal from the operation? (Include lambs weaned at time of sale.) Head 0318

[If question 10 = 0, SKIP to Section E.]

11. Of these weaned lambs sold, how many were sold in each quarter during 2010?

- a. January - March. Head 0319
 b. April - June. Head 0320
 c. July - September. Head 0321
 d. October - December. Head 0322
 e. Total [should equal question 10 above.] Head 0323

12. What was the **average** age and weight of these lambs when sold?

- a. Average age (in months) Months 0324
 b. Average weight (in pounds) Lbs. 0325

Section E – Marketing

1. How many lambs (including those going directly to feedlots) and sheep were sold, moved or permanently removed (excluding those that died) during 2010?

a. Lambs.....	Head	0328
b. Cull Sheep.....	Head	0329
c. Breeding or other sheep.....	Head	0330
d. Total [Add questions 1a – 1c.].....	Head	0331

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

2. During 2010, how many lambs did this operation **sell or move** directly to a feedlot separate from this operation?..... Head 0326

3. For the majority of lambs sold or moved, did this operation:

- 0327 ₁ Retain complete ownership?
 ₂ Retain partial ownership?
 ₃ Retain no ownership?

4. Of the lambs and sheep sold or permanently removed in 2010, how many were:

	Lambs	Cull Sheep	Breeding or Other Sheep
a. Sold directly to slaughter/packer?.....	0333	0343	0353
b. Sold directly to a feedlot separate from this operation?.....	0334	0344	0354
c. Sold directly to backgrounder (nonfeedlot feeders)?.....	0335	0345	0355
d. Sold directly to consumer or ethnic market?.....	0336	0346	0356
e. Sold directly to another operation?.....	0337	0347	0357
f. Sold at auction market/sale barn?.....	0338	0348	0358
g. Sold directly to buyer/dealer?.....	0339	0349	0359
h. Slaughtered for personal use or euthanized?.....	0340	0350	0360
i. Other types of sales? (specify: _____).....	0341	0351	0361
j. Totals [Add questions 4a – 4i; should equal questions 1a, 1b and 1c.].....	0342	0352	0362

[If question 1b (cull sheep) = 0, SKIP to Section F.]

5. Of the cull sheep sold or permanently removed in 2010, how many were:

a. Rams?.....	Head	0363
b. Ewes?.....	Head	0364
c. Total [Add questions 5a-5b. Should equal 4j, cull sheep.].....	Head	0365

6. How many **cull** rams and ewes were sold or permanently removed in each quarter during 2010?

		Cull Rams	Cull Ewes
a. January – March?	Head	0366	0371
b. April – June?	Head	0367	0372
c. July – September?	Head	0368	0373
d. October – December?	Head	0369	0374
e. Totals [Add questions 6a – 6d: should equal questions 5a and 5b].	Head	0370	0375

7. Of the rams and ewes culled in 2010, how many were culled **primarily** due to:

		Cull Rams	Cull Ewes
a. Old age?	Head	0376	0386
b. Teeth problems?	Head	0377	0387
c. Poor mothering?	Head		0388
d. Hard bag syndrome?	Head		0396
e. Mastitis?	Head		0397
f. Failure to lamb (open or aborted)?	Head		0398
g. Single lamb births?	Head		0399
h. Ram breeding soundness?	Head	0378	
i. Other reproductive problems)? (specify: _____).	Head	0379	0400
j. Chronic weight loss?	Head	0380	0401
k. Other illness (specify _____).	Head	0381	0402
l. Economic reasons? (e.g., drought, herd reduction, market conditions).	Head	0382	0403
m. Other? (specify _____).	Head	0383	0404
n. Totals [should equal questions 5a and 5b].	Head	0384	0405

8. What was the average age (in years) of these culled rams and ewes? Years

0385	0406
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9. Of the culled ewes, how many had flock identification when they left this operation? Head

0407

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)?

(Include sheep and lambs that died or were lost on grazing land leased on a fee per head or animal unit month (AUM) basis.)

a. How many lambs died or were lost from all causes before being marked, docked, or branded during 2010? (exclude lambs born dead.)	Head	0269
b. How many lambs died or were lost from all causes after being marked, docked, or branded during 2010?	Head	0270
c. How many sheep died or were lost from all causes during 2010?	Head	0271
d. Total [Add questions 1a – 1c.]	Head	0408

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

If Sheep or Lambs died or were lost on this operation last year, please report what happened to them. Record answers in the tables below.

How many Sheep or Lambs died or were lost from:

2. Predator Causes:

- Bears +
- Bobcats or Lynx +
- Coyotes +
- Dogs +
- Mountain Lions, Cougars, or Pumas +
- Foxes +
- Wolves +
- Eagles +
- Other Predators [specify] _____ +
- Unknown predators +

	Lambs before being marked, docked, or branded	Lambs after being marked, docked, or branded	Sheep
	0163	0953	0042
	0089	0952	0041
	0087	0950	0038
	0086	0689	0037
	0164	0954	0043
	0085	0688	0036
	0084	0687	0039
	0088	0951	0040
	0165	0955	0049
	0168	0960	0060

Table continued on next page.

3. Non – Predator Causes:

- Enterotoxemia (overeating) +
- Internal parasites. +
- Other digestive problems (bloat, scours, acidosis, etc.) . . . +
- Respiratory problems. +
- Metabolic problems. +
- Other disease problems (mastitis, foot rot, boils, etc.) . . . +
- Weather related causes (chilling, drowning, lightning, etc.) +
- Lambing problems +
- Old age +
- Being on their back +
- Poisoning (nitrate poisoning, noxious feeds, noxious weeds, etc.) +
- Theft (stolen) +
- Other non - predator causes (lameness, etc.) [specify] _____ +
- Unknown non - predator causes +

	Lambs before being marked, docked, or branded	Lambs after being marked, docked, or branded	Sheep
	0395	0025	0051
	0083	0968	0067
	0092	0962	0046
	0093	0964	0047
	0094	0965	0048
	0171	0963	0063
	0166	0956	0050
	0390		0053
			0055
	0392	0959	0054
	0389	0958	0052
	0394	0024	0056
	0685	0027	0057
	0686	0032	0058

4. [Add lamb and sheep deaths by cause in each column. These totals should agree with the death loss recorded previously. If they don't agree, make corrections wherever necessary.] =

0690	0028	0059
------	------	------

5. Of the lambs and sheep that died during 2010 (questions 1a, 1b and 1c), how many were disposed of via:

- 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. Totals [Add questions 5a – 5g: Should equal 1a and 1b for lambs, and 1c for sheep.] Head

	Lambs	Sheep
	0410	0418
	0411	0419
	0412	0420
	0413	0421
	0414	0422
	0415	0423
	0416	0424
	0417	0425

Section G – Lambs and Sheep on Feed

1. During 2010, did you feed any of your lambs or sheep a high-energy diet in order to finish them for the slaughter market? 0426 ₁ Yes ₃ No

[If question 1 = NO, SKIP to Section H.]

- | | Lambs | Sheep |
|--|-------|-------|
| 2. During 2010, how many lambs or sheep were fed a high-energy diet in order to finish them for the slaughter market? Head | 0427 | 0428 |

[If no market lambs in question 2, SKIP to Section H.]

3. Of the market lambs fed a high-energy diet in 2010, what percentage was in each of the following weight groups when placed at the time of arrival?

a. Less than 65 pounds.	Percent	0429
b. 65 to 84 pounds.	Percent	0430
c. 85 to 105 pounds.	Percent	0431
d. More than 105 pounds.	Percent	0432
e. Total.	Percent	100%
4. During 2010, what was the average weight (in pounds) of market lambs when sent from this operation to slaughter?	Lbs.	0434

Section H – Biosecurity

1. During 2010, were any of this operation’s lambs or sheep placed on:

- a. Public land (PIGA)? 0435 ₁ Yes ₃ No
 - b. Grazing association land? 0436 ₁ Yes ₃ No
 - c. Leased, private land? 0437 ₁ Yes ₃ No
 - d. Harvested fields for grazing? 0438 ₁ Yes ₃ No
2. During 2010, were any sheep or lambs (other than those born on the operation) added to your flock? 0440 ₁ Yes ₃ No

[If question 2 = NO, SKIP to question 5.]

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

	Number Added (Number)	Number Quarantined (Number)	Average Number of Days Quarantined (Days)
a. Replacement ewe lambs less than 1 year old.	0441	0447	0453
b. Replacement ewes 1 year and older.	0442	0448	0454
c. Replacement ram lambs less than 1 year old.	0443	0449	0455
d. Replacement rams 1 year and older.	0444	0450	0456
e. All other sheep and lambs.	0445	0451	0457
f. Total [Add questions 3a -3e.]	0446	0452	

4. Were any of the following performed on any of the sheep or lambs added in 2010, either prior to or after arrival?
[DK = Don't know. Exclude any lambs born on this operation.]

	Done prior to arriving at this operation				Done at this operation					
	All	Some	None	DK	All	Some	None	DK		
a. Any vaccinations.	0459	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	0469	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
b. Shearing.	0460	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	0470	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
c. Foot trim.	0461	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	0471	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
d. Medicated footbath.	0462	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	0472	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
e. Deworm.	0463	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	0473	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
f. External parasite treatment.	0464	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	0474	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
g. OPP (ovine progressive pneumonia) testing.	0465	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	0475	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
h. Johne's testing.	0466	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	0476	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
i. Scrapie susceptibility testing.	0467	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	0477	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄
j. Other (specify: _____).	0468	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄	0478	<input type="checkbox"/> ₁	<input type="checkbox"/> ₂	<input type="checkbox"/> ₃	<input type="checkbox"/> ₄

5. During 2010, did any of the following species have any access to this operation's lambs or sheep areas (i.e., any grazing areas, sheds, holding pens, food or water)?

	On this operation			Had at least fence-line access with this operation's animals [Answer only if the animals were not on this operation.]	
	Yes - Continue	No		Yes	No
a. Goats					
(i) Domestic.	0479	<input type="checkbox"/> ₁ Yes - Continue	<input type="checkbox"/> ₃ No	0489	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
(ii) Wild.	0480	<input type="checkbox"/> ₁ Yes - Continue	<input type="checkbox"/> ₃ No	0490	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
b. Cattle.	0481	<input type="checkbox"/> ₁ Yes - Continue	<input type="checkbox"/> ₃ No	0491	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
c. Horses, donkeys.	0482	<input type="checkbox"/> ₁ Yes - Continue	<input type="checkbox"/> ₃ No	0492	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
d. Llamas, alpacas.	0483	<input type="checkbox"/> ₁ Yes - Continue	<input type="checkbox"/> ₃ No	0493	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
e. Pigs.	0484	<input type="checkbox"/> ₁ Yes - Continue	<input type="checkbox"/> ₃ No	0494	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
f. Poultry (chickens, turkeys, etc.).	0485	<input type="checkbox"/> ₁ Yes - Continue	<input type="checkbox"/> ₃ No	0495	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
g. Dogs.	0486	<input type="checkbox"/> ₁ Yes - Continue	<input type="checkbox"/> ₃ No	0496	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No
h. Cats.	0487	<input type="checkbox"/> ₁ Yes - Continue	<input type="checkbox"/> ₃ No	0497	<input type="checkbox"/> ₁ Yes <input type="checkbox"/> ₃ No

6. During 2010, how frequently were the following wild animals and/or signs of wild animals (scat, tracks, etc.) observed on the operation?

		How Frequently?		
		Never	Less than monthly	Monthly
a. Bighorn sheep.	0499	<input type="checkbox"/> ₁ Never	<input type="checkbox"/> ₂ Less than monthly	<input type="checkbox"/> ₃ Monthly
b. Deer, elk, moose, antelope.	0500	<input type="checkbox"/> ₁ Never	<input type="checkbox"/> ₂ Less than monthly	<input type="checkbox"/> ₃ Monthly
c. Wild pigs.	0501	<input type="checkbox"/> ₁ Never	<input type="checkbox"/> ₂ Less than monthly	<input type="checkbox"/> ₃ Monthly

Section I – Sheep Health Management

1. Did this operation treat any sheep for external parasites (such as keds, ticks, or lice) during 2010? 0511 [] 1 Yes [] 3 No

2. During 2010, how many times was this operation visited for any sheep-related reason by the following?

a. Private veterinarian. Times

0512

b. Federal/State veterinarian. Times

0513

c. Extension agent. Times

0514

d. Nutritionist. Times

0515

3. Was a private veterinarian consulted or visited in 2010? 0573 [] 1 Yes [] 3 No

[If question 3 is Yes. SKIP to question 5.]

4. If no private veterinarian was used in 2010, which of the following best describes why not?

0516 [] 1 No health related problems

[] 2 No veterinarian with sheep experience available

[] 3 Too expensive

[] 4 Other

[SKIP to Section J.]

5. Was a private veterinarian consulted for sheep:

a. Disease diagnosis? 0517 [] 1 Yes [] 3 No

b. Disease prevention? 0518 [] 1 Yes [] 3 No

c. Interstate Health Certificate? 0572 [] 1 Yes [] 3 No

d. Nutritional information? 0519 [] 1 Yes [] 3 No

e. Production management practices? 0520 [] 1 Yes [] 3 No

f. Lambing problems? 0521 [] 1 Yes [] 3 No

g. Breeding soundness exam (rams)? 0522 [] 1 Yes [] 3 No

h. Pregnancy check? 0523 [] 1 Yes [] 3 No

i. Lameness? 0524 [] 1 Yes [] 3 No

j. Other? (specify: _____). 0525 [] 1 Yes [] 3 No

Section J – Shearing

0526

1. How many of your lambs and sheep were shorn during 2010?..... Head

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

2. During 2010, were any lambs or sheep sheared by:

- a. Employees (including owners)?... 0528 [] 1 Yes [] 3 No
b. Contracted shearing crew?... 0529 [] 1 Yes [] 3 No
c. Hired individual?... 0530 [] 1 Yes [] 3 No
d. Other? (specify: _____)... 0531 [] 1 Yes [] 3 No

3. What best describes the frequency of disinfecting shears between individual sheep?

- 0532 [] 1 Always
[] 2 Sometimes
[] 3 Never
[] 4 Do not know

4. Which of the following best describes this operation's practice for shearing sheep?

- 0533 [] 1 From youngest to oldest
[] 2 From oldest to youngest
[] 3 In no particular order

5. During 2010, was any of this operation's wool:

- a. Analyzed by a laboratory?... 0534 [] 1 Yes [] 3 No
b. Sold on a clean basis?... 0535 [] 1 Yes [] 3 No
c. Sold on a greasy basis?... 0536 [] 1 Yes [] 3 No
d. Given away? (Include wool given to shearer)... 0537 [] 1 Yes [] 3 No
e. Spun (either on this operation or elsewhere)?... 0538 [] 1 Yes [] 3 No
f. Used for animal bedding (either on this operation or elsewhere)?... 0539 [] 1 Yes [] 3 No
g. Used for mulch (either on this operation or elsewhere)?... 0540 [] 1 Yes [] 3 No
h. Used for insulation (either on this operation or elsewhere)?... 0541 [] 1 Yes [] 3 No
i. Stored in bags?... 0542 [] 1 Yes [] 3 No
j. Thrown away?... 0543 [] 1 Yes [] 3 No
k. Other? (specify: _____)... 0544 [] 1 Yes [] 3 No

[If questions 5b and 5c = NO, SKIP to Section K.]

6. What was the operation's primary method of marketing its wool during 2010?

- 0545 [] 1 Cooperative pools
[] 2 Direct sales
[] 3 Warehouses
[] 4 Other (specify: _____)

Section K – Chemical Applications to Sheep and Lambs

1. During 2010, did you apply any insecticides or other chemical products to your sheep or lambs to control insects? 0574 ₁ Yes ₃ No

[If question 1 = NO, SKIP to Section L.]

Now I need to get complete information on insecticides and chemicals applied to sheep and lambs on this operation in 2010.

[Exclude fungicides and pharmaceuticals not used to treat external pests.]

ENUMERATOR NOTE: Complete tables for all chemical applications applied to sheep and lambs. Use supplemental tables if necessary. If no code is listed in the Respondent Booklet, record the name and formulation of the insecticide product applied, what it was used for, whether it was liquid or dry, and its NADA/EPA registration number.

		1		2	3
Notes	Line	What product(s) were applied to your sheep or lambs? (Show product codes from Respondent Booklet.)		Formulation Was this product bought in liquid or dry form? 1 = liquid 2 = dry	What was the method Of application? 1 – Hand spray 2 – Power spray 3 – Injection 4 – Feed additive 5 – Pour-on 6 – Dust bags 7 – Ear tags 8 – Dip 9 – Feed/mineral block 10 – Rubbing device 11 – Pill 12 - Other
		Product	Code	Code	Code
	101		0547	0548	0549
	102		0547	0548	0549
	103		0547	0548	0549
	104		0547	0548	0549
	105		0547	0548	0549
	106		0547	0548	0549
	107		0547	0548	0549
	108		0547	0548	0549

For use only if the product used is not listed in the Respondent Booklet of chemicals

Line	Insecticide	NADA/EPA no. or trade name and formulation	Form purchased (liquid or dry)	Where purchased [Ask only if NADA/EPA no. cannot be reported.]

Section K – Chemical Applications to Sheep and Lambs

CONTINUE FROM PREVIOUS PAGE

	4	5	OR	6	7	8
	How many head were treated with this product?	How much was applied per HEAD per application?		What was the TOTAL amount applied per application?	1 – Pound 12 – Gallons 13 – Quarts 14 – Pints 15 – Ounces 30 – Grams 31 – cc/mL 35 – Tags 37 – Pill 41 – Liters 50 - Other	How many times was this applied?
Line	Number				Unit code	Number
101	0550	0551		0552	0553	0554
102	0550	0551		0552	0553	0554
103	0550	0551		0552	0553	0554
104	0550	0551		0552	0553	0554
105	0550	0551		0552	0553	0554
106	0550	0551		0552	0553	0554
107	0550	0551		0552	0553	0554
108	0550	0551		0552	0553	0554

Section L – Chemical Applications to Sheep and Lamb Facilities

1. During 2010, did you apply any insecticides or other chemical products to sheep and lamb facilities to control insects? Include buildings that were used by sheep and lambs on the operation, such as lambing sheds, lean-tos, sun shades, feedlots, etc. 0555 ₁ Yes ₃ No

[If question 1 = NO, SKIP to Section M.]

2. Now I need to get complete information on insecticides (exclude herbicides and fungicides) and chemicals applied to sheep and lamb facilities on this operation in 2010.

ENUMERATOR NOTE: Complete tables for all insecticide applications to sheep and lamb facilities. Sheep and lamb facilities include buildings, structures, etc. Use supplemental tables if necessary. If no code is listed in the Respondent Booklet, record the name and formulation of the insecticide product applied, what it was used for (insecticide, other), whether it was liquid or dry, and its EPA registration number.

Notes	Line	1		What product(s) were applied to the [column 1] facility? [Show product codes from Respondent Booklet.]	2	3
		Facility	Code		Code	Code
		Facility treated 10 – Lambing shed 11 – Barn 12 – Feed bunk 14 – Lambing pen 15 - Other			Was this product bought in liquid or dry form? 1 = liquid 2 = dry	
	201		0556		0557	0558
	202		0556		0557	0558
	203		0556		0557	0558
	204		0556		0557	0558
	205		0556		0557	0558
	206		0556		0557	0558
	207		0556		0557	0558
	208		0556		0557	0558
	209		0556		0557	0558

For use only if the product used is not listed in the Respondent Booklet of chemicals				
Line	Insecticide	NADA/EPA no. or trade name and formulation	Form purchased (liquid or dry)	Where purchased [Ask only if NADA/EPA no. cannot be reported.]

Section L – Chemical Applications to Sheep and Lamb Facilities

CONTINUE FROM PREVIOUS PAGE

	4	5	6
Line	What was the TOTAL amount applied per application?	1 - Pounds 12 - Gallons 13 - Quarts 14 - Pints 15 - Ounces 30 - Grams 31 - cc/mL 35 - Tags 37 - Pill 41 - Liters 50 - Other	How many times was this applied?
		Unit code	Number
201	0559 . _ _ _	0560	0561
202	0559 . _ _ _	0560	0561
203	0559 . _ _ _	0560	0561
204	0559 . _ _ _	0560	0561
205	0559 . _ _ _	0560	0561
206	0559 . _ _ _	0560	0561
207	0559 . _ _ _	0560	0561
208	0559 . _ _ _	0560	0561
209	0559 . _ _ _	0560	0561

Section M – Conclusion

1. Obtain VMO consent form signature if the number of breeding ewes was 20 head or more.
2. Respondent location (specific directions) and other comments.
3. Did this respondent use computerized or written records to assist in answering this survey? 0562 ₁ Yes ₃ No
4. Enter interview response codes.
 - 9002 ₁ Zero sheep on January 1, 2011
 - ₂ Out of business
 - ₃ Refusal of General Sheep Management Questionnaire
 - ₄ Complete, VMO consent form signed
 - ₅ Complete, VMO consent refused
 - ₇ Out of scope for General Sheep Management Questionnaire
 - ₈ Office hold
 - ₉ Inaccessible

[If question 4 = 3 or 5, SELECT code below that fits best.]

5. Refusal code:
 - 0563 ₁ Does not want to commit time to the project
 - ₂ Does not want involvement with government veterinarian
 - ₃ Does not have necessary records available
 - ₄ Has participated in too many surveys
 - ₅ Does not want outside people on sheep operation
 - ₆ Bad time of year (planting, harvesting, second job, etc.)
 - ₇ Currently has or recently has had disease problem with herd
 - ₈ Believes surveys and reports hurt the farmer more than help
 - ₉ Could not get owner's permission
 - ₁₀ No reason given, or other miscellaneous reasons

ENDING TIME [MILITARY] 0575

This completes the survey. Thank you for your help.

9910	MM	DD	YY
Date	--	--	--
921			

Response		Respondent		Mode		Enum.	Eval.	Office Use for POID	
1-Comp	9901	1-Op/Mgr	9902	1-Mail	9903	098	100	789	
2-R		2-Sp		2-Tel				-----	
3-Inac		3-Acct/Bkpr		3-Face-to-Face					
4-Office Hold		4-Partner		4-CATI					
5-R – Est		9-Oth		5-Web					
6-Inac – Est				6-e-mail					
7-Off Hold – Est				7-Fax					
8-Known Zero				8-CAPI				407	408
				19-Other					
S/E Name									