

Animal and Plant Health Inspection

# SHEEP 2011 GENERAL SHEEP MANAGEMENT QUESTIONNAIRE



2011

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NAHMS-247 Oct 2010

Monitoring System

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

Form Approved OMB Number 0579-0188 Approval Expires 6/2013

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

	0001
<b>BEGINNING TIME</b> [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.

# 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	0564
2.	Of the sheep and lambs for <b>breeding</b> , regardless of ownership, on this operation on January 1, 2011how many were:	Head
	a. Ewes 1 year old and older?	. 0281
	b. Rams 1 year old and older?	. 0282
	c. Replacement lambs less than 1 year old (including unweaned lambs kept for breeding)?	. 0285
3.	Of the sheep and lambs for <b>market</b> , 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)?	. 0836
	(ii) 65 to 84 pounds?	0837
	(iii) 85 to 105 pounds?	0838
	(iv) Over 105 pounds?	. 0839
	b. Market sheep 1 year old and older (not used for breeding)?	. 0287
4	Total sheep and lambs, regardless of ownership, on this operation on January 1, 2011	0280

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.		0122		0129
b.	Wool production?	0123		0130
C.		0124		0131
d.		0125		0132
e.		0126		0133
f.	·	0127		0134
g.		0128		100%

# **Section B – Flock Management**

1.	Ho	w many years has the primary operator owned or mana	aged a	any sheep?		Years	0202
2.	Jar	w many sheep do you expect to have in 5 years, companient 1 2011 inventory? seck one only.]  1 None 2 Fewer 3 About the same 4 More	ared t	o your			
[If	fewe	er, same number, or more was selected, SKIP to que	estio	า 4.]			
3.		at is your main reason for expecting to have no sheep leck one only.]	in 5 y	ears?			
	013	1 Personal or family situation (e.g., retirement, I 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.		a source of information on sheep health, how importan leck only one rating per source.]	t are:				
	Į O i	leak only one rating per source.					Not
					How Important?		Applicable
	a.	Sheep Industry Development (SID) Sheep Production Handbook?	0137	Not		3 Ve	ry
	b.	Industry meetings?	0138	Not	$_2$ Somewhat	3 Ve	ry4
	C.	Internet?	0139	Not	$\square_2$ Somewhat	3 Ve	ry4
	d.	Magazines/newsletters?	0140	<sub>1</sub> Not	$_2$ Somewhat	³ Ve	ry4
	e.	University/extension?	0141	Not	$\square_2$ Somewhat	3 Ve	ry4
	f.	Veterinarians?	0142	Not	$\square_2$ Somewhat	3 Ve	ry4
	g.	Feed and drug salespeople?	0143	Not	$_{2}$ Somewhat	³ Ve	ry $\square_4$
	h.	Shearer?	0144	Not	$\square_2$ Somewhat	3 Ve	ry $\Box_4$
	i.	Other sheep producers?	0145	Not	2 Somewhat	ve	ry $\Box_4$
5.	Do	you belong to a:					
	a.	National sheep association or club?			0146	1 Ye	s
	b.	State or local sheep association or club?			0147	1 Ye	s 3 No

6.	In g	eneral for the previous 12 months, were records kept by	compu	ter, handwritt	en, or bo	oth?	
	056		th	None			
If n	one	, skip to Question 8					
7.	Dur	ing the previous 12 months, were production records kep	ot for th	e following?			
	a.	Number of lambs born 0148 $\  \  \  \  \  \  \  \  \  \  \  \  \ $	S		10		
	b.	Individual birth weights 0149 $\  \  \  \  \  \  \  \  \  \  \  \  \ $	S		10		
	C.	Number of lambs weaned 0150 $\  \  \  \  \  \  \  \  \  \  \  \  \ $	S		10		
	d.	Individual weaning weights 0151 $\  \  \  \  \  \  \  \  \  \  \  \  \ $	S		10		
	e.	Health and treatment/Vaccination practices	S		No		
	f.	Breeding	S		10		
	g.	Number of animals culled or died 0155 $\square_1$ Ye	S		10		
8.	Dur	ing the previous 12 months, did you manage your sheep	flock o	n:	CODE		
	a.	Herded/open-range (unfenced acreage)?			1	01561 Yes	₃ No
	b.	Fenced-range (uncultivated fenced acreage)?			2	01571 Yes	3 No
	C.	Pasture (farm pasture, irrigated or cultivated pasture)?.			3	01581 Yes	<sub>3</sub> No
	d.	Dry lot or feedlot (pen which does not allow grazing)?. $\boldsymbol{\cdot}$			4	01591 Yes	3 No
	e.	Other? (specify:)			5	01601 Yes	₃ No
9.	prin	ich of the choices in question 8 do you consider to be the nary method of managing your sheep? ter the corresponding code 1-5 from question 8.]				Code	0161
[If c	lues	stion 9 = 4 (dry lot or feedlot), SKIP to Section E.]					
10.	indi	ich of the following methods does this operation use to ic vidually and/or as members of the flock? (Individual ID = ck ID = all animals have the same ID.)			ique ID.		
				Individ	ual ID	FI	ock ID
	a.	Scrapie program ear tag	. 0172	_ 1 Yes	з No	0181	3 No
	b.	Other ear tag	. 0173	_ 1 Yes	3 No	0182	3 No
	C.	Electronic ID.	0174	_ 1 Yes	3 No		
	d.	Tattoo	0175	_ 1 Yes	з No	0183	3 No
	e.	Paint brand	0176	_ 1 Yes	з No	0184  1 Yes	3 No
	f.	Ear mark	. 0177	_ 1 Yes	3 No	0185	3 No
	g.	Physical traits (description, e.g., size, color)	0179	1 Yes	з Nо		
	h.	Other (specify:)		1 Yes	3 NO	0187	☐₃ No
		J	0100	1 1 G3	3 INU	01071 163	3 140

# **Section C – Breeding Practices**

		re any ewes bred on your operation during 2010?tion 1 = NO, SKIP to question 10.]	0188	_ 1	Yes	☐ ₃ No
2.	Wh	at reproductive practices did this operation use during 2010				
	a.	Flushing (ewes fed extra energy ration prior to breeding season)	0189		Yes	3 No
	b.	Crutching (prelambing shearing)	0190		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		Yes	3 No
	g.	Udder palpation or bagging	0195		Yes	<sub>3</sub> No
	h.	Embryo transfer	0196		Yes	3 №
	i.	Estrus synchronization	0197		Yes	3 Nо
		re any ewes bred from February to July 2010(out-of-season breeding)?	0199		Yes	<sub>3</sub> No
[ <b>If</b> (	-	stion 3 = NO, SKIP to question 5.] ich of the following methods did you use for out-of-season breeding?				
	a.	Genetic selection for ability to breed out of season	0203		Yes	<sub>3</sub> No
	b.	Placing ram with ewes				☐ ₃ No
	C.		0205		Yes	3 No
	d.	Hormone treatments ( such as CIDRS, hormone protocols, etc.)	0206			3 No
	e.	Other hormone treatment (specify:)			Yes	3 No
	f.	Other (specify:)	0208		Yes	з No
5.	In g	eneral, does this operation have:				
	0209	$\bigcap_{1}$ One defined breeding season per year				
		$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $				
6.		the <b>most recent breeding season</b> , how many ewes were bred (serviced): unt each ewe once]				
	a.	By artificial insemination (AI)?	⊦	lead	0210	
	b.	Naturally by this operation's rams?	F	lead	0211	
	C.	Naturally by another operation's rams?	F	lead	0212	

	d.	Total bred [Add questions 6a-6c.]			. 0	213
[If o	que	stion 6a = 0, SKIP to question 9.]				
7.	Wh	en artificially inseminating breeding ewes in 2010, did you use:				
	a.	Fresh semen?			0214	s 3 No
	b.	Frozen semen?			0215	s 3 No
8.	Did	this operation obtain semen from rams belonging to:				
	a.	This operation?			0216	s
	b.	Other operations?			0217	s 3 No
9.		w important were the following characteristics when selecting am for naturally breeding ewes during 2010?				
					How Importar	nt?
	a.	Visual appearance/conformation	0218	Not		☐₃ Very
	b.	Scrotal circumference, semen quality	0219	Not		☐₃ Very
	c.	Wool quality	0220	Not		☐₃ Very
	d.	Meat production	0221	Not		☐₃ Very
	e.	Ram's average daily gain (growth) as a lamb	0222	Not		☐₃ Very
	f.	Pedigree	0223	Not		☐₃ Very
	g.	Breeding history	0224	Not		☐₃ Very
	h.	National Sheep Improvement Program (NSIP) records (expected prodigy difference [EPD])	0225	Not		₃ Very
	i.	Genetic resistance to:				
		(i) Scrapie (RR genotype)	0226	Not	$\square_2$ Somewhat	☐₃ Very
		(ii) Intestinal parasites	0227	Not	$\square_2$ Somewhat	☐₃ Very
		(iii) Other diseases (specify:)	0228	Not		☐₃ Very
	j.	Soundness/health of ram's flock of origin	0229	Not		☐₃ Very
	k.	Non-ram related reasons (e.g., cost, proximity, availability)	0230	<sub>1</sub> Not	2 Somewhat	□₃ Very
		(eigi, coot, proximity, availability).	0200			
10.	Du	ing 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		Head	0571	0566
_		s in 10b = 0, SKIP to question 12.]				
11.		w important were the following characteristics when ecting replacement ewe lambs in 2010?			How Importar	nt?
	a.	Visual appearance/conformation	0233	Not	2 Somewhat	☐₃ Very
	b.	Wool quality	0567	Not	Somewhat	☐₃ Very
	C.	Meat production.	0568	1 Not	s Somewhat	☐₃ Very
	d.	Ability to breed out of season.	0234	₁ Not	√ Somewhat	₃ Verv

	e.	National Sheep Improvement Program (NSIP) records (EDP) 0235	Not	2 Somewh	at □₃ Very
	f.	Ability to have multiple lambs	Not	2 Somewh	at ☐₃ Very
	g.	Health status of flock of origin	Not	2 Somewh	at ☐₃ Very
	h.	Early sexual maturity	1 Not	2 Somewh	at ☐₃ Very
	i.	Pedigree	Not	2 Somewh	at ☐₃ Very
	j.	Average daily gain0240	Not		at □₃ Very
	k.	Genetic resistance to:			
		(i) Scrapie (RR genotype)	Not	2 Somewh	at □₃ Very
		(ii) Intestinal parasites	Not		at □₃ Very
		(iii) Other diseases (specify:) 0243	Not	2 Somewh	at □₃ Very
	l.	Non-ewe related reasons (e.g., cost, proximity, availability)			at  □₃ Very
12.	For	the most recent lamb crop, how many ewes expected to lamb were:			
	a.	Bred on this operation?		He	ad 0245
	b.	Purchased pregnant?		He	ad 0246
				To	
	c.	Total [Add questions 12a-12b]			
13.		this operation's most recent lamb crop, of the total ewes that were expect amb (include all ewes exposed or obtained already bred), how many:	ted		
	a.	Had only single live births?		Perce	ent 0248
	b.	Had multiple lambs with at least one live birth			0249
		(full term, normal size and development)?		Perce	ent
	c.	Had only dead births (full term, normal size and development)?		Perce	nt <sup>0250</sup>
	d.	Aborted (small lamb with off-color placental material)?		Perce	ent <sup>0251</sup>
	e.	Became pregnant, but died prior to or during lambing?		Perce	nt <sup>0252</sup>
	f.	Became pregnant, but were removed from the operation			0253
		prior to lambing?			
	g.	Never became pregnant?		Perce	nt 0254
	h.	Total [Add questions13a-13g; total should equal 100.]		Perce	ent <b>100</b>

# Section D - Lamb Crop

1.	Fo	the most recent lamb crop, how many lambs were:			
	a.	Born alive?		Head	0256
	b.	Born dead?		Head	0257
	D.		٦	otal	0258
	C.	Total [Add questions 1a-1b.]	H	Head	0259
0		Docked.		Head	0260
2.	mu	nsidering ALL lamb crops, how many total lambs were born in 2010 (alive or dead litiple lamb crops during 2010, how many <b>total</b> lambs were born (alive or dead eration in 2010? This total can be more than 1c.]	) on this	Head	0260
[If	que	stion 2 = 0, SKIP to question 9.]			
3.		the total lambs born in 2010 (alive or dead) (question 2 above),how many wer iter head <b>OR</b> percentage.]	e born during:		
			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
	I.	December?	0275		0296
	m.	Total [should equal total in question 2c or 100%]	0276		100%
4.		the total lambs born in 2010 (alive or dead), how many were <b>born in the</b> followenvironments: [Enter head <b>OR</b> percentage.]	wing types <b>Head</b>	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.		0304		100%
5.	We	re any ram lambs castrated during 2010? 0312 $\square$ Yes	3 No	4 N/A (	(no rams born)
[If c	ues	stion 5 = 3 or 4, SKIP to question 8.]			
6.	Wh	at was the average age (in days) at which these rams were castrated?		Days	0313
7.	Wh	at was the primary method of castration?			
	0314	1 Band 2 Burdizzo or emasculator 3 Knife 4 Other (specify:)			
8.		the lambs born in 2010, how many were or are expected to be weaned? (Incluaned at time of sale.)		Head	0315
9.	Dur	ing 2010, when lambs were weaned, what was their:		r	
	a.	Average age (in months)?		Months	0316
	b.	Average weight (in pounds)?		Lbs.	0317
10.		w many weaned lambs were sold in 2010, including lambs weaned the time of removal from the operation? (Include lambs weaned at time of sale.	)	Head	0318
[If c	ues	stion 10 = 0, SKIP to Section E.]			
11.	Of t	hese weaned lambs sold, how many were sold in each quarter during 2010?		r	
	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.	Wh	at was the <b>average</b> 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.		w many lambs (including those going directly to feedlots) and sheep d, moved or permanently removed (excluding those that died) during			
	a.	Lambs.		Head	0328
	b.	Cull Sheep			0329
	C.	Breeding or other sheep			0330
	d.	Total [Add questions 1a – 1c.].			0331
ΓIfα		stion 1d = 0, SKIP to Section F.]			
2.	Dui	ring 2010, how many lambs did this operation <b>sell or ove</b> directly to a feedlot separate from this operation?		Head	0326
3.	For	the majority of lambs sold or moved, did this operation:			
	032	<ul> <li>1 Retain complete ownership?</li> <li>2 Retain partial ownership?</li> <li>3 Retain no ownership?</li> </ul>			
4.	Of	the lambs and sheep sold or permanently removed in 2010, how ma	any 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 3a, 3b and 3c.]	0342	0352	0362
5.	Of	the cull sheep sold or permanently removed in 2010, how many we	re:	•	
	a.	Rams?		Head	0363
	b.	Ewes?		Head	0364
	C.	Total [Add questions 5a-5b.]		Head	0365
[If o	ques	stion 1b (cull sheep) = 0, SKIP to Section F.]			
6.		w many <b>culled</b> rams and ewes were sold or permanently noved 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.		the rams and ewes culled in 2010, how many were led <b>primarily</b> 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
	I.	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.	Wh	nat was the average age (in years) of these culled rams and ewes?	Years	0385	0406
9.		the culled ewes, how many had flock identification en they left this operation?		Head	0407
		, , , , , , , , , , , , , , , , , , , ,			

	Section F – Lambs and Sneep	Deaths and Losses					
1 D	uring 2010, how many lambs and sheep died or were lost						
	om all causes (exclude lambs born dead)?						
	de sheep and lambs that died or were lost on grazing land lea ) basis.)	ased on a fee per head	d or animal unit mo	onth			
a. How many <b>lambs</b> died or were lost from all causes <b>before</b> being marked, docked, or branded during 2010? (exclude lambs born dead.)							
b.	How many <b>lambs</b> died or were lost from all causes <b>after</b> be branded during 2010?	•		0270			
C.	How many <b>sheep</b> died or were lost from all causes during	2010?	Head	0271			
d.	Total [Add questions 1a – 1c.]		Head	0408			
[If qu	estion 1d = 0, SKIP to Section G.]						
If She Reco	eep or Lambs died or were lost on this operation last year, pleard answers in the tables below.	ase report what happe	ened to them.				
How r	many Sheep or Lambs died or were lost from:						
2. P	redator Causes:	Lambs before being marked, docked, or branded	Lambs after being marked, docked, or branded	Sheep			
2. 1	Bears	+ 0163	0953	0042			
	Bobcats or Lynx	+ 0089	0952	0042			
	Coyotes	+ 0087	0950	0038			
	Dogs	+ 0086	0689	0037			
	Mountain Lions, Cougars, or Pumas	+ 0164	0954	0043			
	Foxes	+ 0085	0688	0036			
	Wolves	+ 0084	0687	0039			
		+ 0088	0951	0040			
	Other Predators [specify]	+ 0165	0955	0049			
Ē	Unknown predators	+ 0168	0960	0060			

3. Non – Predator Causes:	Lambs before being marked, docked, or branded	Lambs after being marked, docked, or branded	Sheep
Enterotoxemia (overeating)	+ 0395	0025	0051
☐ Internal parasites	+ 0083	0968	0067

		Other digestive problems (bloat, scours, acidosis, etc.)	0092		0962	0046
		Respiratory problems	0093		0964	0047
		Metabolic blems	0094		0965	0048
		Other disease problems (mastitis, foot rot, boils, etc.)	0171		0963	0063
		Weather related causes (chilling, drowning, lightning, etc.)	0166		0956	0050
		Lambing problems	0390			0053
		Old age	+			0055
		Being on their back	0392		0959	0054
		Poisoning (nitrate poisoning, noxious feeds, noxious weeds, etc.)	0389		0958	0052
		Theft (stolen)	0394		0024	0056
		Other non - predator causes (lameness, etc.) [specify]	0685		0027	0057
		Unknown non - predator causes	0686		0032	0058
4.		d lamb and sheep deaths by cause in each column.				
	pre	ese totals should agree with the death loss recorded viously. If they don't agree, make corrections wherever essary.]	0690		0028	0059
5.	Of t	the lambs and sheep that died during 2010 (questions 1a and no ny were disposed of via:	d 1b), how		Lambs	Sheep
	a.	Landfill or municipal dump?		Head	0410	0418
	b.	Incineration (burned)?		Head	0411	0419
	c.	Burial (other than landfill or municipal dump)?		Head	0412	0420
	d.	Rendering?		Head	0413	0421
	e.	Composting?		Head	0414	0422
	f.	Leaving for scavengers (e.g., coyotes, bears, vultures)?		Head	0415	0423
	g.	Other? (specify:)		Head	0416	0424
	h.	Totals [Add questions 4a – 4g: should equal 1a and 1b.]		Head	0417	0425

# Section G - Lambs and Sheep on Feed

1.		g 2010, did you feed any of your lambs or sheep a high-energy diet in order to f for the slaughter market?		1 Yes	3 No
[If	questi	on 1 = NO, SKIP to Section H.]			
			Lambs	i	Sheep
2.		g 2010, how many lambs or sheep were fed a high-energy diet in order sh them for the slaughter market? Head	0427	042	3
[If	no ma	rket lambs in question 2, SKIP to Section H.]			
3.	what	e market lambs fed a high-energy diet in 2010, percentage was in each of the following weight groups when placed time of arrival?			
	a	Less than 65 pounds		Percent	0429
	b	. 65 to 84 pounds		Percent	0430
	С	85 to 105 pounds		Percent	0431
	d	. More than 105 pounds		Percent	0432
	е	. Total		Percent	100%
		uring 2010, what was the average weight (in pounds) of		Lbo	0434
	n	arket lambs when sent from this operation to slaughter?		Lbs.	

### Section H - Biosecurity

1.	Du	ring 2010, were any of this operation's lambs or sheep placed on:			
	a.	Public land (PIGA)?		04351	Yes 3 No
	b.	Grazing association land?		04361	Yes 3 No
	C.	Leased, private land?		0437 1	Yes 3 No
	d.	Harvested fields for grazing?		0438 1	Yes 3 No
2.	Du boı	ring 2010, were any sheep or lambs (other than those rn on the operation) added to your flock?		04401	Yes 3 No
[If	que	stion 2 = NO, SKIP to question 5.]			
3.	we [Er	w many sheep or lambs (other than those born on the operation) re added to the operation in 2010? Iter number added and number quarantined. If quarantined, ter number of days quarantined in the last column.]	Number	Number	Average Number of Days
			Added (Number)	Quarantined (Number)	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.]

			All	Some	None	DK	All	Some	None	DK
	a.	Any vaccinations	591	2	3	4	04691	2	3	4
	b.	Shearing	601	2	3	4	04701	2	3	4
	c.	Foot trim	611	2	3	4	04711	2	3	4
	d.	Medicated footbath	621	2	3	4	04721	2	3	4
	e.	Deworm	631	2	3	4	04731	2	3	4
	f.	External parasite treatment 04	641	2	3	4	04741	2	3	4
	g.	OPP (ovine progressive pneumonia) testing 04	651	2	3	4	04751	2	3	4
	h.	Johne's testing	661	2	3	4	04761	2	3	4
	i.	Scrapie susceptibility testing 04	671	2	3	4	04771	2	3	4
	j.	Other (specify:) 04	681	2	3	4	04781	2	3	4
5.		ring 2010, did any of the following species have an			peratio	on's lambs	or sheep			
	are	as (i.e., any grazing areas, sheds, holding pens, fo	oa or w	ater)?						
								east fenc s operation		
								er only if		
			On t	his opera	tion		-	ot on this		
	a.	Goats								
		(i) Domestic	Yes - C	ontinue	3	No	0489	<sub>1</sub> Yes		₃ No
		(ii) Wild	Yes - C	ontinue	3	No	0490	<sub>1</sub> Yes		₃ No
	b.	Cattle 0481	Yes - C	ontinue	3	No	0491	<sub>1</sub> Yes		₃ No
	c.	Horses, donkeys 0482	Yes - C	ontinue	3	No	0492	<sub>1</sub> Yes		₃ No
	d.	Llamas, alpacas 0483	Yes - C	ontinue	3	No	0493	<sub>1</sub> Yes		₃ No
	e.	Pigs 0484	Yes - C	ontinue	3	No	0494	<sub>1</sub> Yes		₃ No
	f.	Poultry (chickens, turkeys, etc.) 0485	Yes - C	ontinue	3	No	0495	<sub>1</sub> Yes		₃ No
	g.	Dogs	Yes - C	ontinue	3	No	0496	<sub>1</sub> Yes		₃ No
	h.	Cats	Yes - C	ontinue	3	No	0497	<sub>1</sub> Yes		₃ No
6.		ring 2010, how frequently were the following wild a								
	Sigi	ns of wild animals (scat, tracks, etc.) observed on t	ne oper	alion?		Have Fra	arra anathra			
							quently?			
	a.	Bighorn sheep		1 Nev	_		nan monthl		3 Montl	•
	b.	Deer, elk, moose, antelope		1 Nev	_		nan monthl		₃ Montl	•
	C.	Wild pigs	0501	₁ Nev	er	2 Less tl	nan monthl	у Ц	₃ Montl	nly

# Section I – Sheep Health Management

1.		this operation treat any sheep for external parasites (such as keds, ticks, or lice) ing 2010?	051	1 _ 1	Yes ☐₃ No
2.		ring 2010, how many times was this operation visited for any sheep-related reaso the following?	n	r	
	a.	Private veterinarian		Times	0512
	b.	Federal/State veterinarian.		Times	0513
	C.	Extension agent		Times	0514
	d.	Nutritionist		Times	0515
3.		is a private veterinian consulted or visited in 2010?		L	
[If		stion 3 is Yes. SKIP to question 5.]			
4.	If n	o private veterinian was used in 2010, which of the following best describes why i $\Box$ 1 No health related problems	not?		
		2 No veterinarian with sheep experience available			
		☐ 3 Too expensive			
		4 Other			
[SI	(IP t	o Section J.]			
5.	Wa	s a private veterinarian consulted for sheep:			
	a.	Disease diagnosis?	0517	1 Yes	з No
	b.	Disease prevention?	0518	1 Yes	3 No
	C.	Interstate Health Certificate?	0572	<sub>1</sub> Yes	3 No
	d.	Nutritional information?	0519	1 Yes	□ ₃ №
	e.	Production management practices?	0520	1 Yes	з Nо
	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
	i.	Other? (specify:	0525	1 Yes	3 No

# Section J - Shearing

1.	Но	w many of your lambs and sheep were shorn during 2010?		Head	0526
[If	que	stion 1 = 0, SKIP to Section K.]		ı	
2.	Du	ring 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.	Wh	nat best describes the frequency of disinfecting shears between individual sheep?			
	053	1 Always 2 Sometimes 3 Never 4 Do not know			
4.		nich of the following best describes this operation's practice for shearing sheep?			
	053	In no particular order			
5.	Du	ring 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
		Other? (specify:)	0544	_ 1 Yes	3 No
[If	que	stions 5b and 5c = NO, SKIP to Section K.]			
6.	Wh	nat was the operation's primary method of marketing its wool during 2010?			
	054	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 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.)	0574 1 1 Yes	33 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 insectice product applied, what it was used for, whether it was liquid or dry, and its NADA/EPA registration number.

		1		2	3
					What was the method Of application?
Notes	Line	What product(s) were to your sheep or la (Show product code Respondent Boo	ambs? es from	Formulation  Was this product bought in liquid or dry form?  L = liquid D = dry	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
Notes	Line	Product	Code	Code	Code
	101	0546	0547	0548	0549
	102	0546	0547	0548	0549
	103	0546	0547	0548	0549
	104	0546	0547	0548	0549
	105	0546	0547	0548	0549
	106	0546	0547	0548	0549
	107	0546	0547	0548	0549
	108	0546	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.]							

#### 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		

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 o	question 1 = I	NO, SKIP to	Section M.]								
2.				insecticides (exc facilities on this o			nd fungicided)				
EN	facilities inclu Booklet, reco	ide buildings rd the name	and formulation	Use supplementa	al tables produc	if necess	ary. If no code i	ies. Sheep and lamb s listed in the Respondent d for (insecticide, other),			
				1			2	3			
Notes		Line	Facility treated  10 – Lambing shed  11 – Barn  12 – Feed bunk  14 – Lambing pen  15 - Other		What product(s) were applied to the [column 1] facility?  [Show product codes from Respondent Booklet.]			Was this product bought in liquid or dry form? L = liquid D = dry			
			Facility	Code			Code	Code			
		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		0557	0558			
		209		0556	0557		0557	0558			
	F	For use only	/ if the product (	used is not listed	d in the	Respond	ent Booklet of	chemicals			
	Line Insecticide		NADA/EPA no. or trade name and formulation		nd Form purchased		Where purchased [Ask only if NADA/EPA no. cannot be reported.]				

# 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.	Responde	espondent location (specific directions) and other comments.											
3.		Did this respondent use computerized or written records to assist in											
		nswering this survey?0562 L 1 Yes L 3 No											lo
4.		nter interview response codes.											
	9902												
		Out of business											
		$\square$ $_3$ Refusal of General Sheep Management Questionnaire											
		4 Complete, VMO consent form signed											
		☐ ₅ Complete, VMO consent refused											
		$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $											
		Office hold											
<sub>9</sub> Inaccessible													
			SELECT co	ode belo	w that fits best	.]							
5.	Refusal co	de:											
	_	$\square$ Does not want to commit time to the project											
		${\color{blue}\square}_2$ Does not want involvement with government veterinarian											
		$\square$ $_3$ Does not have necessary records available											
		4 Has pai	rticipated in t	too many	y surveys								
		5 Does no	ot want outs	ide peop	le on sheep ope	ration							
		$\square$ $_6$ Bad time of year (planting, harvesting, second job, etc.)											
		7 Currently has or recently has had disease problem with herd											
		8 Believe	s surveys ar	nd report	s hurt the farmer	more th	an help						
		<sub>9</sub> Could n	ot get owne	r's permi	ission								
		$_{ m 10}$ No reason given, or other miscellaneous reasons											
FΝ	DING TIME	: [MII ITA	RY1 0575										
		-		k vou fo	·— r your help.								
				,	. year neipi				[	9910 M	M I	DD	YY
							,						
Rep	ported by: _					Phon	e (	)		_ Date			
											921		
	Respons	se	Respon	dent	Mode	1	Enum.	Eval.		Office Us	e for PO	ID	
1-Co 2-R		9901	1-Op/Mgr 2-Sp	9902	1-Mail 2-Tel	9903	098	100	789				
3-In			3-Acct/Bkpr 4-Partner	3	3-Face-to-Face 4-CATI								
5-R	– Est		9-Oth		5-Web				Optional Use				
7-01	ac – Est ff Hold – Est				6-e-mail 7-Fax				407	Optio	408		
8-Kr	nown Zero				8-CAPI 19-Other						1		
S/E	Name												