

NAHMS Sheep 2024 Study

Cheat Sheet for VS Questionnaire

This sheet contains a select list of information covered in the *VS Questionnaire*. It will be helpful for the participant to have sufficient knowledge of, or access to, records for these items when answering specific questions. This document can be used to jot down records ahead of time to review while completing the questionnaire.

Section A- Inventory

- Total number of ewes 1 year and older on the operation **today**
TOTAL: _____ ewes
 - Of those total ewes, the number of ewes between 1 and 2 years of age: _____ ewes
- **Maximum number** of the follow age classes during 2023 (Sheep may be counted in more than one class, for example lambs may be counted in both preweaned and weaned classes)

Age Class	Head
Ewes 1 year and older	
Rams 1 year and older	
Preweaned lambs	
Weaned lambs	
Wethers	

Section B- Breeding Management

- For the **most recently completed lambing season** (meaning all lambs have been born), number of ewes bred by method and their outcome.

Breeding Method	Number of ewes	Outcome	Number of ewes
Naturally by this operation's ram		Gave birth (lambs born dead or alive)	
Naturally by another operation's ram		Aborted (known abortion)	
By artificial insemination (AI)		Never became pregnant	
By embryo transfer (ET)		Died or removed prior to lambing	
Added to the operation already bred			
Total (number of ewes bred)		Total (should be equal to number bred)	

- The number of replacement ewes and rams for 2023 by acquisition method

Acquisition method	Number of ewes	Number of rams
Born and raised on the operation		
Acquired elsewhere		

TOTAL		
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Section C- Lambing Management

- For ewes that gave birth during the **most recently completed lambing season** (reported above), number of lambs by birthing outcome

Birthing Outcome	Head
Born alive	
Born dead (stillborn)	
Total	

- For the number of ewes that gave birth during the **most recently completed lambing season**, number of ewes that lambbed in the following environments

Lambing environment	Number of ewes
Individual lambing pens/jugs	
Barn or shed	
Special lambing pasture that allows for increased observation	
Other fenced pasture	
Open range	
Dry lot	
Other (Specify)	
Total (should equal the number of ewes reported above with full-term births)	

Section D- Lamb Crop Management

- Number of lambs born **during 2023** by birthing outcome

Birthing Outcome	Head
Born alive	
Born dead (stillborn)	
Total	

- Of the total live lambs reported above, number weaned: _____ head
- Of the total live lambs reported above, number docked: _____ head

- **During 2023**, number of lambs born dead or alive (total reported above) by month born

Month born	Number of lambs
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	
TOTAL (should equal total reported above)	

- Number of lambs by colostrum and milk feeding methods

Feeding method for Colostrum	Number of lambs	Feeding method for Milk	Number of lambs
Hand feeding only- lamb did not nurse mother and was hand fed by another method		Hand feeding only- milk or milk replacer from other sources	
Both nursed the ewe and hand fed		Both nursed the ewe and given milk or milk replacer	
Nurse the ewe only		Nurse the ewe only	
Total (should equal lambs born alive)		Total (should equal lambs born alive)	

Section E- Culling Management

- Number of ewes culled during 2023 and average age: _____ ewes _____ average age
- Number of rams culled during 2023 and average age: _____ rams _____ average age

Section G- Sheep Health Management

- Number of sheep tested for OPP during 2023: _____ head
 - Of those sheep tested, number that were seropositive: _____ head
- Number of sheep with sore mouth during 2023: _____ head
 - Of those sheep with sore mouth, number that died: _____ head
- Number of sheep with abscesses, boils, or lumps during 2023: _____ head
- Vaccines administered during 2023 (may be helpful to have labels available)

Section H- Parasite Control

- Number of fecal tests performed during 2023 to test for GI parasites

Test Method	Number of tests completed
Fecal flotation	
Fecal egg count	
Fecal egg count reduction test	
Drenchrite	
Other	

- Percentage of lambs and sheep that were dewormed **during 2023**:

Deworming frequency	Percentage of lambs	Percentage of sheep
Not dewormed		
Dewormed once		
Dewormed twice		
Dewormed three or more times		

- During 2023, the total amount of money spent on deworming products (pharmaceutical and natural/alternatives) administered to sheep on your operation: \$ _____

Section I- Lameness

- During 2023, number of lame sheep by age class and cause

Cause	Number of lambs	Number of ewes	Number of rams
Foot scald			
Foot rot			
Contagious ovine digital dermatitis			
Foot abscess			
Shelly hoof/ white line disease			
Granuloma			
Injuries			
Septic arthritis			
Swollen joints/ joint ill			

Other (specify)			
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- During 2023, the number of vet visits to diagnose or treat lameness: _____#
- Treatment of all of the lame sheep reported above by treatment method

Treatment	Number of sheep
Mild foot trimming, where excess horn only was removed	
Extensive foot trimming, where hoof horn was cut back until bleeding	
An antibiotic spray (oxytetracycline) directly onto the hoof	
A copper treatment directly onto the hoof (Coppertox)	
A wound spray/antiseptic spray (silver spray, Blue Kote, Alushield, etc.)	
A footbath (copper sulphate, zinc sulphate, or formalin solution)	
An injectable antibiotic (tilmicosin, gamithromycin or oxytetracycline)	
An antibiotic in the feed or water	
Other (specify)	
No treatment given	

Section J- Antimicrobial Use in the Feed and Water

- During 2023, the number of animals treated and the number of days sheep were treated with **antibiotics in the water** (It may be helpful to have the label on hand).
 - o Lambs
 - Respiratory disease: _____# lambs, _____# days
 - Digestive disease: _____# lambs, _____# days
 - Other (specify): _____# lambs, _____# days
 - o Adults
 - Respiratory disease: _____# sheep, _____# days
 - Digestive disease: _____# sheep, _____# days
 - Abortion: _____# sheep, _____# days
 - Other (specify): _____# sheep, _____# days
- During 2023, the number of animals treated and the number of days sheep were treated with **antibiotics in the feed** (It may be helpful to have the label on hand).
 - o Lambs
 - Respiratory disease: _____# lambs, _____# days

- Digestive disease: ____ # lambs, _____ # days
- Other (specify): ____ # lambs, _____ # days
- Adults
 - Respiratory disease: _____ # sheep, _____ # days
 - Digestive disease: _____ # sheep, _____ # days
 - Abortion: _____ # sheep, _____ # days
 - Other (specify): _____ # sheep, _____ # days

Section K- Health Conditions and Losses

- Total number of **preweaned lambs** that became ill from any disease during 2023: _____ #
- Total number of preweaned lambs that were treated with any antibiotics during 2023: _____ #
- Of the total preweaned lambs that became ill during 2023, record the number sick, treated, died, and sold:

Illness	Number sick	Number treated	Number died	Number sold
Digestive issues				
Navel infection				
Perinatal Conditions				
Pink eye				
Respiratory problems				
Lameness				
Weather related issues/starvation				
Other known conditions				
Unknown conditions				

- Total number of preweaned lambs that died from the following:
 - Lost or stolen: _____ #
 - Died or were euthanized from predators: _____ #

- Total number of **weaned lambs** that became ill from any disease during 2023: _____ #
- Total number of weaned lambs that were treated with any antibiotics during 2023: _____ #
- Of the total weaned lambs that became ill during 2023, record number sick, treated, died, and sold

Illness	Number sick	Number treated	Number died	Number sold
Intestinal worms				
Digestive issues				
Pink eye				
Respiratory problems				
Lameness due to foot rot/scald				
Other lameness				

Central nervous system signs				
Weather related issues/starvation				
Other known conditions				
Unknown conditions				

- Total number of weaned lambs that died from the following:
 - o Lost or stolen: _____#
 - o Died or were euthanized from predators: _____#
- Total number of **ewes** that became ill from any disease during 2023: _____#
- Total number of ewes that were treated with any antibiotics during 2023: _____#
- Of the total ewes that became ill during 2023, record the number sick, treated, died, and sold:

Illness	Number sick	Number treated	Number died	Number sold
Intestinal worms				
Digestive issues				
Pink eye				
Respiratory problems				
Abortions				
Other reproductive problems				
Mastitis				
Metabolic problems				
Lameness due to foot rot/scald				
Other lameness				
Central nervous system signs				
Weather related issues/starvation				
Chronic weight loss				
Other known conditions				
Unknown conditions				

- Total number of ewes that died from the following:
 - o Lost or stolen: _____#
 - o Died or were euthanized from predators: _____#

- Total number of **rams** that became ill from any disease during 2023: _____#
- Total number of rams that were treated with any antibiotics during 2023: _____#
- Of the total rams that became ill during 2023, record the number sick, treated, died, and sold:

Illness	Number sick	Number treated	Number Died	Number Sold
Intestinal worms				
Digestive issues				
Pink eye				
Respiratory problems				
Reproductive problems				
Lameness due to foot rot/scald				
Other lameness				
Central nervous system signs				
Weather related issues/starvation				
Chronic weight loss				
Other known conditions				
Unknown conditions				

- Total number of rams that died from the following:
 - o Lost or stolen: _____#
 - o Died or were euthanized from predators: _____#