**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** |  |  |

**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 lambed 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) |  |

S**ection 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) |  |  |  |

* 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).
	+ 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
* 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).
	+ 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:
	+ Lost or stolen: \_\_\_\_\_\_\_\_\_\_\_#
	+ 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:
	+ Lost or stolen: \_\_\_\_\_\_\_\_\_\_\_#
	+ 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:
	+ Lost or stolen: \_\_\_\_\_\_\_\_\_\_\_#
	+ Died or were euthanized from predators:\_\_\_\_\_\_\_\_\_\_\_#