Thank you in advance for providing input for the National Animal Health Monitoring System (NAHMS) Sheep 2023 study of the sheep industry. NAHMS conducts nationally representative studies of US animal livestock, equine and aquaculture industries annually and on a rotating basis. In preparation for the upcoming NAHMS Sheep study, we are looking for your input as to the most important health issues facing the US sheep industry. You are in a unique position to know the information needs of the industry and to determine which issue areas should be the focus in the upcoming Sheep 2023 study. Your responses will helps us identify and prioritize study objectives. For more information on NAHMS studies, please visit our website: www.aphis.usda.gov/nahms.

Please complete by ******

1. Indicate your primary involvement with the sheep industry:
(Please select only one.)

○ Producer or farmer

○ Private practice veterinarian

○ Nutritionist

○ University/Extension- outreach, research

○ Federal, State, or Tribal government

○ Researcher (not with University/Extension)

○ Hobby/4-H/Club/Exhibition/Show

○ Other (please specify:_____)

2. Indicate your secondary involvement with the sheep industry:
(Please select only one.)

○ Producer or farmer

○ Private practice veterinarian

○ Nutritionist

○ University/Extension- outreach, research

○ Federal, State, or Tribal government

○ Researcher (not with University/Extension)

○ Hobby/4-H/Club/Exhibition/Show

○ Not applicable

○ Other (please specify:_____)

3. If you are a producer, what type of sheep do you raise on your operation?
(Please select all that apply.)

○ Sheep for meat

○ Sheep for wool

○ Sheep for seed stock

○ Sheep for milk

○ Sheep for show/hobby (4-H or club lambs)

○ Sheep for other (please specify:_____)

○ Not applicable (no sheep owned)

4. Please select the industry below in which you invest the most resources (time, labor, money). (Please select only one. If you selected multiple groups in question 3 above, but invest in them all equally, select "Other" and specify the industry sectors.)

○ Meat production

○ Wool production

○ Dairy production

○ Show or hobby

○ Seed stock production

○ Other (please specify:_____)

5. If you are a sheep producer, what is the maximum number of sheep you had in 2020?

_____

6. In which State do you reside?

[   ]

7. Please rank your top three topics that you would like to have as **the focus of the NAHMS Sheep 2023 Study.** Choose from the list below. Please note there is an "other" option at the bottom of the list if you would like to add a topic.

Topic	1 (highest priority)	2 (middle priority)	3 (lowest priority)
Antimicrobial use/ resistance	○	○	○

Availability of approved pharmaceuticals and vaccines	○	○	○
Biosecurity/disease prevention	○	○	○
Cost of disease and preventative practices	○	○	○
Ewe health/management	○	○	○
Export markets	○	○	○
Food safety	○	○	○
Foreign animal disease	○	○	○
Importation of sheep product	○	○	○
Infectious disease	○	○	○
Lamb health/management	○	○	○
Marketing of meat, fiber, milk	○	○	○
Nutrition/ feed management	○	○	○
Organic meat/milk production	○	○	○
Other (please specify:_____)	○	○	○
Predator control	○	○	○
Quality assurance/residue avoidance	○	○	○
Raw milk production	○	○	
Reproductive health/management	○	○	○
Traceability/ animal identification	○	○	○
Veterinarians- use and availability	○	○	○
Veterinary feed directive (specify primary concern:_____)	○	○	○

8. For each of the three highest ranked topics identified above, give a specific question or topic to be addressed.

Top ranked topic 1
Specific topic:

Top ranked topic 2
Specific topic:

Top ranked topic 3
Specific topic:

9. Please rank your top three topics of focus **for disease, disorder, or pathogen issues** that you believe present the greatest risk on your operation (or the operation that you work with, if you are not a producer). Choose from the list below. Please note there is an "other" option at the bottom of the list if you would like to add a topic.

Topic	1 (highest priority)	2 (middle priority)	3 (lowest priority)
Abortions	○	○	○
Border disease (hairy shaker disease)	○	○	○
Brucellosis	○	○	○
Cache Valley Fever	○	○	○
Campylobacter	○	○	○
Ovine Progressive Pneumonia- (OPP)	○	○	○
Caseous lymphadenitis (CL)	○	○	○
Q Fever (*Coxiella burnetti)*)	○	○	○
Cystic ovarian disease	○	○	○
Externalparasites	○	○	○
Internal parasites	○	○	○
Johne's disease (*Mycobacterium paratuberculosis)*)	○	○	○
Lameness/hoof health/foot rot	○	○	○
Mastitis/udder health	○	○	○
Metabolic diseases	○	○	○
Nutritional disorders	○	○	○
Other (please specify:_____)	○	○	○
Overeating disease (*Clostridium perfringens* type D)	○	○	○
Pregnancy toxemia	○	○	
Reproductive disorders	○	○	○
Respiratory Disease	○	○	○
Salmonella	○	○	○
Scours	○	○	○
Scrapie	○	○	○
Soremouth (orf, contagious ecthyma)	○	○	○

Toxoplasmosis (*Toxoplasma gondii)*	○	○	○
White muscle disease	○	○	○

10. For each of the three highest ranked disease, disorder, or pathogen topics identified above, give a specific question or topic to be addressed.

Top ranked topic 1
Specific topic:

Top ranked topic 2
Specific topic:

Top ranked topic 3
Specific topic:

11. Please rank the top three incentives that you believe would encourage sheep producers to participate in the upcoming Sheep 2023 Study. Choose from the list below. Please note there is an "other" option at the bottom of the list if you would like to add an incentive.

Incentive	**1** **(highest priority)**	**2** **(middle priority)**	**3** **(lowest priority)**
Biosecurity assessment/evaluation	○	○	○
Water quality testing	○	○	○
Feed/forage analysis	○	○	○
Individual animal testing for disease agents (e.g. Johne's disease, Q fever*)*	○	○	○
Parasite testing/resistance testing	○	○	○
Soil testing for minerals (including selenium)	○	○	○
Other (please specify:_____)	○	○	○

12. Which do you believe represents the greatest risk or burden to your operation's (or the industry you work in if you do not own an operation) viability? (Please select one.)

- ○ Management costs
- ○ Marketing
- ○ Disease
- ○ Foreign imports
- ○ Import/export of live animals or genetic material
- ○ Access to veterinarians and/or pharmaceuticals
- ○ Other (please specify:_____)

13. Please provide any other comments you may have regarding the Sheep 2023 Study: