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### **NAHMS Feedlot Cattle Health, Antimicrobial Use and Stewardship Study Needs Assessment Survey**

Thank you in advance for providing input for the USDA’s next National Animal Health Monitoring System (NAHMS) Feedlot Cattle Health, Antimicrobial Use and Stewardship study. Your opinion will be used to set the study objectives and help us effectively meet the needs of the cattle industry, its allied groups, and other NAHMS stakeholders. This survey should take about 5-10 minutes to complete. There is a section at the end where you can add general comments.

Please complete by       .

1. In which State do you reside?
  - a. *Drop down menu*
  
2. Indicate your primary involvement with the beef industry: (*Check only one*)
  - a. Beef producer
  - b. Veterinary practitioner/consultant
  - c. Nutritionist
  - d. Slaughter/packing industry
  - e. University/extension
  - f. Federal or State government
  - g. Allied industry (pharmaceutical company, etc.)
  - h. Other (please specify)
    - i. *Write in*

If “a” (beef producer) then continue, otherwise skip to question 6.

3. If you are a beef producer, what is the predominant nature of your beef operation? (*Check only one*)
  - a. Feedlot owner/manager
  - b. Cow-calf producer
  - c. Stocker/backgrounder owner/manager
  - d. Other (please specify)
    - i. *Write in*

4. If you are a beef producer, do you raise cattle to be marketed under any of the following specialized programs? (*Check all that apply*)
  - e. USDA Certified Organic
  - f. Raised without antibiotics (never given antibiotics)
  - g. Raised without medically important antibiotics
  - h. Grass fed
  - i. Never fed beta-agonists
  - j. Age- and source-verified
  - k. Breed-influenced (e.g., Certified Angus Beef)
  - l. Non-hormone treated
  - m. Other (please specify)
    - i. *Write In*
  
5. How many cattle do you have on your operation today? \_\_\_\_\_ Head
  
6. If you agree to participate in the NAHMS study, by what method would you prefer to have the questionnaire administered? (*Check only one*)
  - n. Web-based online questionnaire
  - o. Mail-in questionnaire
  - p. Telephone interview
  - q. In-person interview
  - r. Other (please specify)
    - i. *Write in*
  
7. Please rank your top concerns pertaining to feedlot management issues related to animal health: (*Rank 1-10, with 1 being the most important.*)

Rank (1-10)

Biosecurity/disease prevention

General cattle health (e.g. respiratory, digestive)

Cattle welfare

Costs of disease/preventive practices

Employee training

Food safety

Preconditioning

Quality assurance/residue avoidance

Vaccines and vaccination management

Other (*specify* \_\_\_\_\_)

8. For each of your top three concerns related to feedlot management in question 7, give a specific question or topic to be addressed:
  - a. Rank 1: *Open ended response*
  - b. Rank 2: *Open ended response*
  - c. Rank 3: *Open ended response*

9. Please rank your top concerns related to antimicrobial use on feedlots (*Rank 1-10, with 1 being the most important*):

Rank (1-10)

Antimicrobial resistance

Antimicrobial use in feed

Antimicrobial use in water

Injectable/bolus antimicrobial use (individual treatments)

Dose

Duration of treatment

Percent of animals treated

Reason for use (prevention, control, treatment, or growth promotion)

Indication for use (e.g., respiratory disease, digestive disease)

Other (*specify* \_\_\_\_\_)

10. For each of the top three concerns related to antimicrobial use in question 9, give a specific question or topic to be addressed:

- a. Rank 1: *Open ended response*
- b. Rank 2: *Open ended response*
- c. Rank 3: *Open ended response*

11. Please rank your top concerns related to antimicrobial stewardship on feedlots (*Rank 1-10, with 1 being the most important*):

Rank (1-10)

Veterinary Feed Directive (VFD)

Veterinary Client Patient Relationship (VCPR)

Veterinarians – use and availability

Record keeping

Employee training

Regulatory changes restricting access to antimicrobials or limiting duration of use

Source of antimicrobials

Market/consumer pressure to reduce or eliminate antimicrobial use

Availability of approved and effective antimicrobials to treat specific diseases in cattle (e.g., foot rot, pink eye)

Other (*specify* \_\_\_\_\_)

12. For each of the top three concerns related to antimicrobial stewardship in question 11, give a specific question or topic to be addressed:

- d. Rank 1: *Open ended response*
- e. Rank 2: *Open ended response*
- f. Rank 3: *Open ended response*

13. Which of the following incentives could encourage beef producers to participate in future antimicrobial use and resistance studies? (*Rank 1-10, with 1 being the most important*)

Rank (1-10)

Biosecurity assessment

Testing biological samples for disease agents (such as fecal testing for foodborne pathogens)

Testing biological samples for antimicrobial resistance

Feed analysis

Water quality testing

Animal welfare assessment

Personalized reports sent to producers

Training or materials on judicious antimicrobial use

Financial incentive (\$20 gift card)

Other (*specify \_\_\_\_\_*)

14. What additional questions or topics do you want to see addressed in this study?

g. *Write in*

15. How can future NAHMS studies be improved?

h. *Write in*

**THANK YOU FOR YOUR INPUT!**

Visit the following website for more information about the NAHMS program:

<https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/monitoring-and-surveillance/nahms/>