

Default Question Block

What is this survey?

You are invited to take part in a study about the management of dairy cattle in the Northeastern United States. We are seeking farm managers' experiences and opinions of farm management practices regarding the prevention and treatment of infectious diseases in cattle. This study is being conducted by the team of Dr. Renata Ivanek from the Department of Population Medicine and Diagnostic Sciences at Cornell University's College of Veterinary Medicine. This study is funded by a Federal Capacity Grant from the United States Department of Agriculture.

How long will it take?

The questionnaire will take about 20 minutes to complete.

Are there any risks?

We anticipate that your participation in this survey presents no greater risk than everyday use of the Internet. There are no costs to you for participating in the study. The information you provide will be analyzed and used to improve our understanding of the attitudes and opinions of dairy farmers regarding control of infectious diseases.

Are there any benefits?

The information collected may not benefit you directly, but the information learned in this study may help find solutions for managing infectious diseases in dairy cattle. As an incentive for participation, we are offering a \$5 electronic gift card to Carhartt (an email address will need to be provided to receive gift card).

Will my answers be private and confidential?

This survey is anonymous. Do not write your name anywhere within the survey. No one will be able to identify you or your answers, and no one will know whether or not you participated in the study. Aside from your email address (only required for Carhartt gift card), no identifying information will be collected. Therefore, your responses will remain

anonymous. Any information that could be used to identify individuals that you might provide will remain confidential and will not be disclosed.

Is this voluntary?

Your participation in this study is voluntary. If you decide not to participate in this study, it will not affect your current or future relationship with Cornell University. By completing this survey, you are voluntarily agreeing to participate. You may choose to answer all or only a portion of the survey, however, we encourage you to answer as many questions as possible so as to increase the value of the information obtained from this study. If you decide to participate in this study, please complete the following electronic questionnaire.

Who do I contact if I have questions?

If you have any questions about the study, please contact veterinary student, Hannah Padda at hp396@cornell.edu. Alternatively, you may contact the primary researcher, Dr. Renata Ivanek, Associate Professor of Epidemiology, at Dept. of Population Medicine and Diagnostic Sciences, College of Veterinary Medicine, Cornell University, S1-072 Schurman Hall, Ithaca, NY 14853, Tel: 607-253-4383, Email: ri25@cornell.edu.

Has this project been approved by a review board?

The Cornell Institutional Review Board (IRB) has reviewed the request to conduct this project. If you have any concerns about your rights in this study, please contact the Cornell Institutional Review Board (IRB) at 607-255-5138, or you may access their website at <http://www.irb.cornell.edu>. You may also report your concerns or complaints anonymously through Ethicspoint (www.hotline.cornell.edu) or by calling toll free at 1-866-293-3077. Ethicspoint is an independent organization that serves as a liaison between the University and the person bringing the complaint so that anonymity can be ensured.

Thank you for your assistance in this important endeavor.

☐ I have read the above description of this study and have been informed of the risks and benefits involved.

Tell us about your farm.

What most accurately describes your farm operation?

- ☐ Conventional
- ☐ Organic

What is your position/role on the dairy farm?

- ☐ Owner/co-owner
- ☐ Herd manager
- ☐ Other

How long have you owned or managed your farm?

- ☐ Less than a year
- ☐ Up to five years
- ☐ Between five and ten years
- ☐ Between ten and twenty years
- ☐ Over twenty years

Disease prevention practices.

How interested are you in adopting culture-based (pathogen based) testing for treating mastitis? Culture based testing involves taking a milk sample from a cow showing clinical mastitis in order to help identify the cause and best course of treatment.

- ☐ I am not interested in this
- ☐ I am interested in this but unable
- ☐ I would be ready to do this in the near future
- ☐ I am already doing aspects of this
- ☐ I am already doing this fully

If unable to adopt culture-based testing for treating mastitis, what is the primary barrier?

- ☐ Financial reasons
- ☐ Lack of training in this area
- ☐ Labor issues
- ☐ No access to a lab for testing

☐ Other

How interested are you in constructing a new barn or making similar significant changes to your farm facility to improve herd management?

- ☐ I am not interested in this
- ☐ I am interested but unable
- ☐ I would be ready to do this in the near future
- ☐ I am already doing/have done this fully

If unable to construct a new barn or make similar significant changes to your farm facility, what is the primary barrier?

- ☐ Financial reasons
- ☐ Labor issues
- ☐ Local zoning regulations
- ☐ Land not available

☐ Other

Alternatives to antibiotics.

Which of the following product attributes is the most important if you needed to choose an antibiotic alternative to treat your lactating cows?

- ☐ Ease of administration
- ☐ Scientifically proven
- ☐ Cost of the product
- ☐ Milk withhold time

☐ Allowed under organic certification

☐ Other

Who or what sources do you consult the most often to learn about alternatives to antibiotics?

☐ Herd veterinarian

☐ Cooperative Extension/Quality Milk Production Services

☐ Dairy publications, such as Hoard's Dairyman

☐ Nutritionist

☐ Milk inspector

☐ Other dairy farmers

☐ None, I am not interested in antibiotic alternatives

☐ Other

How helpful is your veterinarian in advising you about alternatives to antibiotics?

☐ Not helpful

☐ Somewhat helpful

☐ Very helpful

☐ Unsure

How could your veterinarian be more helpful in advising about alternatives to antibiotics?

What makes your veterinarian somewhat helpful in advising about alternatives to antibiotics?

What makes your veterinarian very helpful in advising about alternatives to antibiotics?

Optimizing antibiotic use.

State your level of agreement: "I would be interested in knowing how antibiotic use on my farm compares to use on other similar dairy farms in NY."

- ☐ Strongly agree
- ☐ Agree
- ☐ Somewhat agree
- ☐ Neither agree nor disagree
- ☐ Somewhat disagree
- ☐ Disagree
- ☐ Strongly disagree

What primary external incentive would you need in order to reduce antibiotic use on your farm?

- ☐ Financial incentives provided with your milk check
- ☐ Grants to upgrade facilities to reduce infection risk
- ☐ Subsidized veterinary consulting/Quality Milk Production Services
- ☐ Tax incentives
- ☐ Other
- ☐ None of the above

Please state your level of agreement with the following statement:

"Antibiotic resistance due to antibiotic use in dairy farming may negatively impact the health of dairy cattle."

- ☐ Strongly agree
- ☐ Agree
- ☐ Undecided

- ☐ Disagree
- ☐ Strongly disagree

Mastitis treatment decisions.

State your level of agreement: "I treat with antibiotics at the first sign of mastitis infection."

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Agree
- ☐ Strongly agree

How important are each of the following when deciding to WAIT to give antibiotics after the first sign of mastitis?

	Extremely important	Very important	Moderately important	Slightly important	Not at all important	Not applicable
Cost of antibiotics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Concern about withholding violation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Severity of health problem	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lost revenue from withheld milk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goal of limiting antibiotic use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Labor (how much help you have on the farm)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Culture result (if applicable)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How important are each of the following when deciding to give antibiotics after the first sign of mastitis?

Extremely important	Very important	Moderately important	Slightly important	Not at all important
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	<input checked="" type="radio"/> Extremely important	<input checked="" type="radio"/> Very important	<input checked="" type="radio"/> Moderately important	<input checked="" type="radio"/> Slightly important	<input checked="" type="radio"/> Not at all important
Animal welfare					
Convenience of quickly solving the problem with antibiotic treatment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preventing disease spread	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trust that treating sooner will have a higher chance of cure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If a cow could maintain its organic status, would you consider using antibiotics on your farm?

- ☐ Definitely would not
- ☐ Probably would not
- ☐ Probably would
- ☐ Probably would not

On farm questions.

What was the average number of lactating cows in your herd for the last month?

How many cows did you dry off last month?

What was your average somatic cell count last month?

Over the past month, how many cases of clinical mastitis did you experience on your farm?

How many injectable antibiotic treatments have been provided to lactating cows on your farm in the last month? An antibiotic treatment is defined as a single dose, administered to a single animal. Please provide the total number of doses given across all lactating cows over the last month.

How many intramammary antibiotic treatments have been provided to lactating cows on your farm in the last month (not including dry cow treatment)? An antibiotic treatment is defined as a single dose, administered to a single animal. Please provide the total number of doses given across all lactating cows over the past month.

Demographic questions.

What is your age?

- ☐ 18-24 years old
- ☐ 25-34 years old
- ☐ 35-44 years old
- ☐ 45-54 years old
- ☐ Over 55

What is your gender?

- ☐ Male
- ☐ Female
- ☐ Other
- ☐ Prefer not to say

What is the highest level of education you have completed?

- ☐ Eighth (8th) grade or less
- ☐ Some high school (9-11)
- ☐ High school graduate or GED certificate
- ☐ Trade school, associate's degree or some college
- ☐ College graduate (bachelor's degree)
- ☐ Post-graduate training or professional schooling after college

How long do you plan to continue farming?

- ☐ Less than 5 years
- ☐ More than 5 years

Thank you for your participation!

Please provide your email address for a \$5 thank you gift card.

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