

# Basic Information

Please complete the survey below.

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Thank you!

## Basic Information

Your name

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Your email address

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Farm name

---

Farm Address and Location

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Your role

- Owner
- Manager
- Employee
- Other

If the answer to the above question is "other", please specify

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Farm address (main address, could be physical or mailing)

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Which of the following products does your farm provide? (Check all that apply)

- Retail raw milk
- Milk for pasteurization
- Cheese
- Yogurt
- Other

If the answer to the above question is "other", please specify

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# Herd Characteristics & Management

Please complete the survey below.

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Which one category best describes your dairy herd size? Please include both milkers and dry animals. (Select one)

- Less than 25 dairy animals
- 25-99 dairy animals
- 100-199 dairy animals
- 200-499 dairy animals
- 500-999 dairy animals
- 1000+ dairy animals

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Please estimate the herd size of your farm animal including both milkers and dry animals.

\_\_\_\_\_

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Which one category best describes the maximum number of female animals who have not yet given birth (4 to 24 months of age) on your operation in the last 12 months? (Select one)

- 1-24 female animals
- 25-49 female animals
- 50-99 female animals
- 100-399 female animals
- 400+ female animals
- None

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Which one category best describes the maximum number of preweaned (less than 4 months of age) replacement young animals on your operation in the last 12 months? (Select one)

- 1-19 female animals
- 20-39 female animals
- 65-199 female animals
- 200+ female animals
- None

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Which one breed of dairy animals best describes the majority of your herd? (Select one)

- Holstein
- Jersey
- Guernsey
- Mixed
- Other

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If the answer to the question above is "Mixed", please list the mixed breeds

\_\_\_\_\_

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If the answer to the question above is "other", please specify

\_\_\_\_\_

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Which best describes your herd's average somatic cell count? (Select one)

- Less than 200,000
- 200,00-299,000
- 300,000 -399,000
- 400,000+
- I don't Know

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When facing animal health management problems, whom do you rely on most other than yourself? (Select one)

- County Extension Agent
- Veterinarian
- Other Dairy Farmers
- Nutritionist
- Other

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If the answer to the question above is "other", please specify

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Which of the following continuing education resources do you use? (Check all that apply)

- Dairy Herd Management Journal
- Dairy Quality Assurance newsletter
- Other dairy publications
- Dairy Line online
- Other internet resources
- Extension, Industry conferences or meetings
- Other

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If the answer to the question above is "other", please specify

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# Colostrum Management & Sanitation

Please complete the survey below.

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How often do male animals born on your operation receive colostrum? (Select one)

- Never  
 Sometimes  
 Always  
 Don't know

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What do your newborn female animals normally receive in the first 24 hours? (Check all that apply)

- Nursing  
 Colostrum by hand  
 Waste milk  
 Milk replacer  
 Bulk tank milk  
 Colostrum replacer

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If your answer to the question above is colostrum replacer, please specify \_\_\_\_\_

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If it is bulk tank milk, do you pasteurize it before feeding?

- Yes  
 No

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What is your best estimate of how much colostrum female animals receive during the first 24 hours? (Select one)

- less than 2 quarts  
 2-4 quarts  
 More than 4 quarts  
 Do not receive colostrum  
 Don't know

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Do you test colostrum for immunoglobulin levels? (Select one)

- Yes  
 No

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What method do you use for testing immunoglobulin levels? \_\_\_\_\_

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If you do not test colostrum for immunoglobulin levels, which of the following are reasons? (Select all that apply)

- Cost of testing equipment  
 Time it takes to test  
 I am not familiar with how to test  
 It is not necessary to test colostrum  
 Other

---

If your answer to the question above is "Other", please specify \_\_\_\_\_

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How often do you test female animals for effective immune protection (passive transfer of antibodies)? (Select one)

- Never  
 Sometimes  
 Always

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How often do you clean and sanitize animal housing (pen)?

- Daily  
 Weekly  
 Monthly  
 Other

---

If your answer to the question above is "Other",  
please specify

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What personal hygiene practices do you enforce for  
farm workers? (Select all that apply)

- Handwashing
- Wearing gloves
- Wearing masks
- Other

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If your answer to the question above is "Other",  
please specify

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What animal hygiene practices do you implement?  
(Select all that apply)

- Regular grooming
- Footbath treatments
- Routine health checks
- Other

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If your answer to the question above is "Other",  
please specify

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How do you perform the milking process?

- Manual milking
- Machine milking
- Combination of both
- Other

---

If your answer to the question above is "Other",  
please specify

---

How often do you clean and sanitize milking equipment?

- After each use
- Daily
- Weekly
- Other

---

If your answer to the question above is "Other",  
please specify

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# Animal Health

Please complete the survey below.

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Have you purchased replacement animals in the past 2 years?

- Yes  
 No

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If yes, how long do you keep your newly purchased animals separated before joining the herds? (Select all that apply)

- Not separated  
 Separated for 24 hours or less  
 Separated for 1 to 13 days  
 Separated for 14 to 27 days  
 Separated for 4 weeks or longer

---

Do you test purchased animals for infectious disease prior to joining the herds?

- Yes  
 No

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If yes, please indicate which diseases you test for

\_\_\_\_\_

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If you do not test newly purchased animals for infectious diseases, which of the following are the reasons? (Select all that apply)

- Cost of testing  
 Time it takes to collect specimens  
 Time it takes to receive results  
 I am not familiar with how to test  
 I am not familiar with what diseases to test for  
 I do not have a regular veterinarian  
 It is not necessary to test  
 Other

---

If the reason why newly purchased animals are not tested for infectious disease is "it is not necessary to test", please explain

\_\_\_\_\_

---

If the reason why newly purchased animals are not tested for infectious disease is "Other", please specify

\_\_\_\_\_

---

Do you think the following statement is true or false? "A healthy animal I purchase at auction is not at the auction barn long enough to pick up a disease that could spread on my farm."

- True  
 False  
 Other

---

If your answer to the question above is "Other", please explain

\_\_\_\_\_

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Is your pen used for purposes other than calving/lambing/kidding?

- Yes  
 No

---

If yes, which one reason best describes why you use the pen for multiple purposes? (Select all that apply)

- Don't see the need to restrict use to calving/lambing/kidding only  
 Don't have the physical facilities or space  
 Other

---

If the answer to the question above is "Other", please explain

---

---

Is the pen you use for sick animals used for other purposes?

- Yes  
 No

---

If yes, which one reason best describes why you use the sick pen for multiple purposes?  
(Select all that apply)

- Don't see the need to restrict use for sick animals only  
 Don't have the physical facilities or space  
 Other

---

If the answer to the question above is "Other", please explain

---

---

Do you use the same equipment (tractors, etc.) for handling feed and for handling waste?

- Yes  
 No

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If yes, how often do you clean this equipment after handling waste

- Never  
 Sometimes  
 Always

# Visitor Management

Please complete the survey below.

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Do you usually get visitors coming to your farm?

- Yes  
 No

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## How often do you have visitors do the following at your farm?

	Never	Sometimes	Always
a. Have visitors to the farm sign a logbook	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Provide protective clothing to visitors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Have an employee accompany visitors during the entire visit	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Provide protective footwear	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

---

If you never provide protective footwear to visitors, what are the reasons?

- No need to do it  
 Costs too much  
 Too difficult to provide to everyone who comes  
 Other

---

If the answer to the question above is "Other", please explain?

\_\_\_\_\_

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Does the rendering truck ever pass through areas where live animals are fed or housed?

- Yes  
 No

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Do you have footbaths for human use on your operation?

- Yes  
 No

# Vaccination and Written Protocol

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For each of the following diseases, please indicate whether or not you vaccinate against it.

- Do not vaccinate  
 Vaccinate

a. Bovine viral diarrhea (BVD)

---

If you answered Do not vaccinate the above, please indicate the reason(s). (Please check all that apply.)

- Don't need to vaccinate because there is no threat from the disease  
 Don't believe in vaccinating  
 Cost is not worth it  
 Not familiar with the vaccine  
 Other

---

If the answer to the question above is "Other", please specify?

\_\_\_\_\_

b. Infectious bovine rhinotracheitis (IBR)

- Do not vaccinate  
 Vaccinate

---

If you answered Do not vaccinate the above, please indicate the reason(s). (Please check all that apply.)

- Don't need to vaccinate because there is no threat from the disease  
 Don't believe in vaccinating  
 Cost is not worth it  
 Not familiar with the vaccine  
 Other

---

If the answer to the question above is "Other", please specify?

\_\_\_\_\_

c. Parainfluenza Type 3 (PI3)

- Do not vaccinate  
 Vaccinate

---

If you answered Do not vaccinate the above, please indicate the reason(s). (Please check all that apply.)

- Don't need to vaccinate because there is no threat from the disease  
 Don't believe in vaccinating  
 Cost is not worth it  
 Not familiar with the vaccine  
 Other

---

If the answer to the question above is "Other", please explain?

\_\_\_\_\_

d. Bovine respiratory syncytial virus (BRSV)

- Do not vaccinate  
 Vaccinate

If you answered Do not vaccinate the above, please indicate the reason(s). (Please check all that apply.)

- Don't need to vaccinate because there is no threat from the disease
- Don't believe in vaccinating
- Cost is not worth it
- Not familiar with the vaccine
- Other

If the answer to the question above is "Other", please explain?

\_\_\_\_\_

e. Salmonella

- Do not vaccinate
- Vaccinate

If you answered Do not vaccinate the above, please indicate the reason(s). (Please check all that apply.)

- Don't need to vaccinate because there is no threat from the disease
- Don't believe in vaccinating
- Cost is not worth it
- Not familiar with the vaccine
- Other

If the answer to the question above is "Other", please explain?

\_\_\_\_\_

f. E. coli mastitis

- Do not vaccinate
- Vaccinate

If you answered Do not vaccinate the above, please indicate the reason(s). (Please check all that apply.)

- Don't need to vaccinate because there is no threat from the disease
- Don't believe in vaccinating
- Cost is not worth it
- Not familiar with the vaccine
- Other

If the answer to the question above is "Other", please explain?

\_\_\_\_\_

Do you have written protocols for diagnosing common medical conditions?

- Yes
- No

Do you have written protocols for treating common medical conditions?

- Yes
- No

How strongly do you agree or disagree with the following statements?

a. Having written protocols for diagnosing and treating common infectious diseases can help reduce errors

- Disagree strongly
- Disagree somewhat
- Agree somewhat
- Agree strongly
- Don't know

b. Having written protocols for diagnosing and treating common infectious diseases can reduce loss of production

- Disagree strongly
- Disagree somewhat
- Agree somewhat
- Agree strongly
- Don't know

When an animal is diagnosed with mastitis, how often do you do the following?

a. Culture milk from the affected quarter(s)

- Never
- Sometimes
- Always

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b. Test with an on-farm mastitis test kit

- Never
- Sometimes
- Always

# Animal Health Problems

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Has clinical mastitis (inflamed udder or abnormal milk) occurred in your herd in the last 3 months?  Yes  
 No

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If yes, indicate the percentage of animals that have been infected with clinical mastitis in the last 3 months \_\_\_\_\_

---

Were most animals infected with clinical mastitis in the last 3 months treated with antibiotic?  Yes  
 No

---

Name(s) the antibiotic usually used in treating clinical mastitis \_\_\_\_\_

---

Has respiratory infection in animals occurred in your herd in the last 3 months?  Yes  
 No

---

If yes, indicate the percentage of animals that have been infected with respiratory infection in the last 3 months \_\_\_\_\_

---

Were most animals infected with respiratory infection in the last 3 months treated with antibiotic?  Yes  
 No

---

Name(s) the antibiotic usually used in treating respiratory infections in animals \_\_\_\_\_

---

Has diarrhea in animals occurred in your herd in the last 3 months?  Yes  
 No

---

If yes, indicate the percentage of animals that have been infected with diarrhea in animals in the last 3 months \_\_\_\_\_

---

Were most animals infected with diarrhea in animals in the last 3 months treated with antibiotic?  Yes  
 No

---

Name(s) the antibiotic usually used in treating respiratory infections in animals \_\_\_\_\_

---

Has lameness in animals occurred in your herd in the last 3 months?  Yes  
 No

---

If yes, indicate the percentage of animals that have been infected with lameness in the last 3 months \_\_\_\_\_

---

Were most animals infected with lameness in the last 3 months treated with antibiotic?

- Yes
- No

---

Name(s) the antibiotic usually used in treating lameness in animals

---

# Antibiotic Use

Please complete the survey below.

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Thank you!

What criteria are used in your operation to determine the need for antibiotic treatment for mastitis? (Select all that apply)

- Symptoms  
 Positive on-farm mastitis test  
 Positive culture results  
 Other

If the answer to the question above is "Other", please specify

\_\_\_\_\_

For what reasons do you use antibiotics on your farm? (Select all that apply)

- Treatment of illness  
 Prevention of illness  
 Growth promotion  
 Other

If the answer to the question above is "Other", please specify

\_\_\_\_\_

Please list the name(s) of the antibiotics used on your farm

\_\_\_\_\_

What percentage of animals do you use antibiotics on an annual basis?

\_\_\_\_\_

What kind of animals are antibiotics used on?

\_\_\_\_\_

Do you use milk replacer to feed young animals?

- Yes  
 No

Is the milk replacer you use medicated with an antibiotic? (Select one)

- Yes  
 No

What is the name of the antibiotic in the milk replacer you use most often?

\_\_\_\_\_

Have you found that antibiotics that worked well in the past are no longer as effective for treating the same condition now?

- Yes  
 No

What percent of your animals are treated with intramammary infusion at dry-off?

- None  
 1 to 49%  
 50 to 99%  
 100%

(NB: Intramammary infusion at dry-off refers to the practice of administering a treatment directly into the udder (mammary gland) of a dairy cow at the time when milking is stopped.)

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What is the name of the product you use most often for this treatment?

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What is the average quantity of this product used in your herds per month?

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Under what conditions do you top-dress feeds with antibiotics?

- Never  
 Seasonally  
 During outbreaks of disease  
 Other  
(NB: Top-dress feeds with antibiotics refers to the practice of adding antibiotics to animal's feed, typically by sprinkling or mixing it on top of the feed.)

---

If the answer to the question above is "Other", please specify

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Do animals of age group "less than 4 months old" get their feed top-dressed with antibiotics?

- Yes  
 No

---

If yes, please list the name(s) of antibiotic(s)

---

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Does weaned animals less than 12 months old get their feed top-dressed with antibiotics?

- Yes  
 No

---

If yes, please list the name(s) of antibiotic(s)

---

---

Do animals of age group "12 to 24 months old" get their feed top-dressed with antibiotics?

- Yes  
 No

---

If yes, please list the name(s) of antibiotic(s)

---

---

Do lactating animals get their feed top-dressed with antibiotics?

- Yes  
 No

---

If yes, please list the name(s) of antibiotic(s)

---

---

Do dry animals get their feed top-dressed with antibiotics?

- Yes  
 No

---

If yes, please list the name(s) of antibiotic(s)

---

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How familiar are you with the subject of antibiotic resistance?

- Never heard of it  
 Heard of it but know nothing about it  
 Know a little about it  
 Know a lot about it

Which of the following best defines antibiotic resistance?

- After taking an antibiotic, an animal or human can become resistant to the antibiotic
- Antibiotic residues are excreted in the body fluids (such as milk or urine) of animals or humans who have taken antibiotics
- The germs present in an animal or human who have taken an antibiotic may become resistant to the antibiotic
- Do not know.

### How strongly do you agree or disagree with the following statements?

	Disagree strongly	Disagree somewhat	Neutral	Agree somewhat	Agree strongly	Don't know
a. If an animal has an infection that is resistant to antibiotics, this could be a threat to the rest of my herd.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. If an animal has an infection that is resistant to antibiotics, this could be a threat to my farm workers.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. If I cannot use antibiotics to prevent disease, more animals would die.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. If I did not use antibiotics for dry animal treatment, overall milk production would ultimately decrease.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Antibiotics become less effective the more they are used.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. The use of antibiotics in food-producing animals can impact human health.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>