Survey of the Cost to Prevent and Treat Bovine Respiratory Disease in Beef Calves Prior to Weaning

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Classroom Performance Systems (CPS, clicker)

1. Click **any button** turn on the clicker;
2. For option questions,
   A. Click the **button** (e.g., A, B, C, D), the screen will show your selection
   B. Press **send**, the screen will show **sending** and **received**
Classroom Performance Systems (CPS, clicker)

For option questions,

A. If sending wrong answer, click the correct button > press send

B. For multiple option, click options (e.g., AB, AC) > press send

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Classroom Performance Systems (CPS, clicker)

For filling out questions,

A. Click number, sym button > press send

B. If make mistake, input correct answer > press send
Part I

General Information
1. Are you a beef **cow-calf** producer?

X A. Yes

X B. No
2. How many **beef cows** did you have in January, 2016?

- A. <99
- B. 100-199
- C. 200-499
- D. 500 or more
Part II

Cost of BRD prevention

(Beef cows, Beef replacement heifers, Beef calves prior to weaning)
3. Did you **vaccinate your beef cows to prevent pneumonia** in the last 3 years?

Note: this includes vaccines used to prevent **abortion**, but does **NOT** include Blackleg or other Clostridial vaccines

- A. Yes
- B. No
4. What is your average cost for the vaccine you used per beef cow per year?

$_____ per head per year

Formula = \[
\frac{\text{Total cost for vaccine}}{\text{Number of cows}}
\]
5. How much **time** does it take to **vaccinate** a beef **cow** per year?

Note: **Time** including gathering, sorting, administration, etc.

Minutes_____ per head per year

**Formula**: \[ \frac{\text{Total time for vaccination}}{\text{Number of cows}} \]
6. What is your **cost** for **labor** to **vaccinate** a beef **cow** per year?

**Note:** Labor including veterinarian, crew, other helpers, and your own time for gathering, sorting, administration, etc.

$_____ per head per year

**Formula:**

\[
\text{Total cost for labor} \div \text{Number of cows}
\]
7. Did you vaccinate your replacement heifers to prevent pneumonia in the last 3 years?

Note: this includes vaccines used to prevent abortion, but does NOT include Blackleg or other Clostridial vaccines

- A. Yes
- B. No
8. What is your average cost for the vaccine you used per beef replacement heifers per year?

$______ per head per year

Formula = \[
\frac{\text{Total cost for vaccine}}{\text{Number of replacement heifers}}
\]
9. How much time does it take to vaccinate a bee replacement heifer per year?

Note: Time including gathering, sorting, administration, etc.

Minutes _______ per head per year

Formula = \( \frac{\text{Total time for vaccination}}{\text{Number of replacement heifers}} \)
10. What is your cost for labor to vaccinate a beef replacement heifer per year?

Note: Labor including veterinarian, crew, other helpers, and your own time for gathering, sorting, administration, etc.

$____ per head per year

Formula: \[
\text{Total cost for labor} \div \text{Number of replacement heifers}
\]
11. Of the total time spent on vaccinating a beef cow/heifer per year,

% on gathering: ___
% on sorting:    ___
% on preparation :___
% on administration :___
A. Of the total time spent on vaccinating a beef cow/heifer per year,

➢ % on gathering: ___

% on sorting: ___

% on preparation: ___

% on administration: ___
B. Of the total time spent on vaccinating a beef cow/heifer per year,

% on gathering: ___

➤ % on sorting : ____

% on preparation : ____

% on administration: ____
C. Of the total time spent on vaccinating a beef cow/heifer per year,

- % on gathering: ___
- % on sorting: ___
- % on preparation: ___
- % on administration: ___
D. Of the total time spent on vaccinating a beef **cow/heifer** per year,

% on gathering: ____
% on sorting:    ____
% on preparation :____

➤ % on administration:____
12. Who performs vaccinations on beef cows/heifers for your herd? (multiple options)

- A. Yourself (producer)/family member
- B. Hired farm help
- C. Veterinarian
- D. Other
13. Did you **vaccinate** your **calves** prior to **weaning** to prevent **pneumonia** in the last 3 years?

Note: **NOT** include Blackleg or other Clostridial vaccines

- A. Yes
- B. No
14. What is your cost for the vaccine you used for a beef calf per year?

$______ per calf per year

Formula: \[ \frac{\text{Total cost for vaccine}}{\text{Number of calves}} \]
15. How much time does it take to vaccinate a beef calf per year?

Note: Time including gathering, sorting, administration, etc.

Minutes ______ per calf per year

\[ \text{Formula} = \frac{\text{Total time for vaccination}}{\text{Number of calves}} \]
16. Of the total time spent on vaccinating a beef calf prior to weaning per year,

% on gathering: ____
% on sorting:  ____
% on preparation : ____
% on administration: ____
A. Of the total time spent on vaccinating a beef calf prior to weaning per year,

- % on gathering: ____
- % on sorting: ____
- % on preparation: ____
- % on administration: ____
B. Of the total time spent on vaccinating a beef calf prior to weaning per year,

% on gathering:____

% on sorting: ____

% on preparation :____

% on administration:____
C. Of the total time spent on vaccinating a beef calf prior to weaning per year,

% on gathering:____

% on sorting:____

% on preparation:____

% on administration:____
D. Of the total time spent on vaccinating a beef calf prior to weaning per year,

% on gathering: ____
% on sorting:    ____
% on preparation : ____
➢ % on administration: ____
17. What is your **cost for labor** to **vaccinate** a beef **calf** per year?

Note: Labor including veterinarian, crew, other helpers, and your own time for gathering, sorting, administration, etc.

$_____ per calf per year

**Formula**: \[
\text{Total cost for labor} \div \text{Number of calves}
\]
18. Who performs vaccinations on beef calves for your herd? (multiple options)

A. Yourself (producer)/family member
B. Hired farm help
C. Veterinarian
D. Other
Part III

Cost of treatment for preweaning BRD

(Beef calves prior to weaning)
19. Did you use medicine to treat any beef calves prior to weaning for pneumonia in the last 3 years?

A. Yes

B. No
20. What is your average cost for medicine to treat a beef calf prior to weaning for pneumonia per year?

$_____ per sick calf per year

Formula: \[
\text{Total cost for all medicine} = \frac{\text{Number of sick calves}}{}
\]
20. What is your average cost for all medicine to treat a beef calf prior to weaning for pneumonia per year?

$____ per sick calf per year

Formula: \[ \frac{\text{Total cost for all medicine}}{\text{Number of sick calves}} \]

21. Of total cost, % on antibiotics: ____
22. What is the time do you spend to treat a beef calf prior to weaning for pneumonia per year?

Note: Time including gathering, sorting, administration, etc.

Minutes ______ per sick calf per year
23. Of the total time spent on treating a beef calf prior to weaning for pneumonia per year, % on gathering: ___

% on sorting: ___

% on preparation: ___

% on administration: ___
A. Of the total time spent on treating a beef calf prior to weaning for pneumonia per year,

➢ % on gathering: ____

% on sorting: ____

% on preparation: ____

% on administration: ____
B. Of the total time spent on treating a beef calf prior to weaning for pneumonia per year,

% on gathering: ____

% on sorting: ____

% on preparation: ____

% on administration: ____
C. Of the total time spent on treating a beef calf prior to weaning for pneumonia per year,

% on gathering: ____

% on sorting:  ____

➢ % on preparation: ____

% on administration: ____
D. Of the total time spent on treating a beef calf prior to weaning for pneumonia per year, % on gathering: ____
% on sorting: ____
% on preparation: ____
➢ % on administration: ____
24. What is your cost for labor to treat a beef calf prior to weaning for pneumonia per year? 

Note: Labor including veterinarian, crew, other helpers, and your own time for gathering, sorting, administration, etc.

$____ per sick calf per year

Formula= \[
\text{Total cost for labor} \div \text{Number of calves with BRD prior to weaning}
\]
25. Who performs treatments on beef calves for your herd? (multiple options)

- A. Yourself (producer)/family member
- B. Hired farm help
- C. Veterinarian
- D. Other
Part IV
Veterinary cost for preweaning BRD
(Beef cows, Beef replacement heifers, Beef calves prior to weaning)
26. What is your **veterinary services cost** related to BRD diagnosis, prevention, and treatment to beef **calves** per year?

Note: treatment **NOT** counting drugs

$_____ per calf per year