

Cow-Calf Herds: Assessment for Risks for *Salmonella* Dublin Entry and Spread

Herd owner's name: _____ Herd/Farm name: _____

FARM Premise Identification Number (PID): _____

Herd veterinarian: _____ Vet Email: _____

Number of cows today: _____

Number of heifers, weaned to calving: _____

Number of calves, pre-weaned: _____

Number of breeding bulls: _____

Date of first calf born in 2016: (DD/MM/YY) _____

Approximate date of last calf to be born in 2016: (DD/MM/YY) _____

Herd disease status:

1. Has there ever been a diagnosis of *Salmonella* Dublin in this herd? Yes
No

Calves:

2. SINCE Jan 1 2016 what percent of calves have been affected before weaning by:

Respiratory disease (pneumonia) _____%

Diarrhea (scours) _____%

Cows

3. SINCE Jan 1 2016 what percent of cows have been affected by:

Respiratory disease (pneumonia) _____%

Diarrhea (scours) _____%

Abortion _____%

IN the last 12 months:

4. How many cows have died on this farm? _____

How many calves still on the cow have died on this farm? _____

How many youngstock, after weaning and before first calving, have died on this farm? _____

How many calves have been still born (born dead or died within 24 hrs. of birth)? _____

5. Are there any other notable cattle health problems on this operation? Please describe:

Cattle movement

OVER the last 5 years:

6. Have you added to the herd by purchase or entry from another herd, either permanently or temporarily, owned, leased or loaned:

- | | | | |
|---|-----|----|-------------------------|
| Cows (> 24 months of age)? | Yes | No | If yes, how many? _____ |
| Calves (< 6 months) | Yes | No | If yes, how many? _____ |
| Heifers (6 to 24 months)? | Yes | No | If yes, how many? _____ |
| Bulls/Steers (0 to mature)? | Yes | No | If yes, how many? _____ |
| How many breeding bulls have been on this farm in this time interval? _____ | | | |

7. What happens when a cow that loses her calf before weaning? Is a calf:

- Fostered from another cow on the same farm
- Purchased from another farm for fostering
- The calf is not replaced

If a calf is purchased from another farm, is the farm primarily beef or dairy?

8. Were the heifers born on this farm raised between weaning and calving (check all that apply):

- On the same farm site as the cow herd
- By the same owner, but at a different location from the cow herd
- By someone not the owner, at a different location, but kept only with cattle from this farm (no contact with any cattle of any kind that were not from this farm)
- By someone not the owner at a different location, mixed with cattle from at least one other farm
- Other? Please describe: _____

9. Have any cattle come onto this farm from outside Ontario? Yes No

If yes where have they come from? (Province, State) _____

Approximately when did they come? (Month, Year) _____

10. Have you sold any cattle of any age intended for breeding purposes? Yes No

11. Have any cattle (cows, heifers, calves, bulls) from this herd participated as:

- | | | |
|--|-----|----|
| Donors for embryo transfer (ET) | Yes | No |
| Recipients for embryo transfer (ET) | Yes | No |
| Donors for In Vitro Fertilization programs (IVF) | Yes | No |
| Cattle shows, fairs, 4H programs or exhibits | Yes | No |

12. Have any recipient heifers or cows been added to this herd at any time?
(Regardless of whether they are present now or not) Yes No

13. Do you have a protocol for testing or quarantining returning or new cattle coming onto the farm? Yes No

If yes, briefly describe: _____

Colostrum feeding:

14. **SINCE Jan 1 2016**, what percent of calves received colostrum:

- Only from their own mother _____ %
- From their mother and from only one other cow _____ %
- From multiple cows (pooled colostrum) _____ %
- Powdered colostrum _____ %
- From a cow not from this farm _____ %

Supplemental Milk Feeding

15. **SINCE Jan 1 2016** have any calves been supplemented with milk not from their own mother?

Yes No

If Yes, what %? _____ %

Risk for within-farm infection spread:

Calving location:

16. What percent of the herd will calve indoors in 2016? _____ %

17. Are cows with newborn calves moved to clean ground within 24 hours of calving?

(Clean ground is where no cattle have been for over 6 months?)

Yes No

Disease and treatment monitoring:

18. Are records of calf treatments and diseases kept permanently?

Yes No

19. Are records of cow treatments and diseases kept permanently?

Yes No

Vaccination:

20. What vaccines do you routinely administer to calves?

(Please list product names or diseases you vaccinate for)

Antibiotic use (prophylactically):

21. Do you prophylactically administer antibiotics to any cattle on your farm?

Yes No

If yes please list antibiotic and protocol (i.e. via feed/water/injection and when)

Antibiotic: _____ Route: _____ Time when given: _____

Antibiotic: _____ Route: _____ Time when given: _____

Antibiotic: _____ Route: _____ Time when given: _____

Water

22. Water for cattle on this farm comes from: (please check all that apply)

- | | |
|---|--|
| <input type="checkbox"/> Drilled well | <input type="checkbox"/> Surface water – river or stream |
| <input type="checkbox"/> Dug well | <input type="checkbox"/> City or town water |
| <input type="checkbox"/> Surface water – pond | |

23. Water for cattle on this farm goes through a disinfection process? Yes No

If yes, please describe: _____

Risk to people from *Salmonella* Dublin:

| | | |
|--|-----|----|
| 24. Does anyone drink raw milk (unpasteurized) on this farm? | Yes | No |
| If yes, is it by family members? | Yes | No |
| If yes, is it by people other than family members? | Yes | No |

How often does someone drink raw milk on this farm?

| | | | |
|-------|--------|--------|-------|
| Daily | Weekly | Rarely | Never |
|-------|--------|--------|-------|

25. Has anyone associated with this farm (i.e. work or live here) been sick with illness that could be Salmonellosis (i.e. diarrhea, fever)?

Final Questions:

26. Is there anything else you would like to add that was not covered in this questionnaire that you think might be important regarding the risk of *S. Dublin*?

27. Do you have any questions about *S. Dublin* or the project you would like to relay to the project team?