

## Risk Assessment for Johne's Introduction and Spread: Ontario Beef Cow-Calf Herds

<p><b>Herd Name or Owner:</b> _____</p> <p><b>Farm Contact:</b> _____</p> <p>Contact Phone: _____ Fax: _____</p> <p>Email: _____</p> <p>Other farm contact people: _____</p> <p><b>Veterinarian:</b> _____</p> <p>Clinic: _____</p> <p>Phone number: _____ Fax: _____</p> <p>Email: _____</p>
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### Section 1: Farm Goals:

1. Do you plan to be raising beef cattle in five years?    Yes        No        Maybe

2. What is your main goal for your operation this year?

\_\_\_\_\_

3. What are your goals for your operation in the next 5 years?

\_\_\_\_\_

4. What approximate proportion of your income from beef cattle comes from:

Sales of purebred/seedstock animals \_\_\_\_\_%

Sales of cattle for beef \_\_\_\_\_ %

5. What are the top 2 **overall** concerns for your operation?

1. \_\_\_\_\_

2. \_\_\_\_\_

6. What is your biggest **herd health** concern?

\_\_\_\_\_

7. When are calves born each year (months) \_\_\_\_\_

**Section 2: Johne's History:**

1. Has there ever been a case of Johne's disease diagnosed in this herd?

Yes                      No (go on to question 2)

If yes, were they:

- Clinical case(s) (sick),                      number \_\_\_\_\_

If clinical cases have occurred were the animals:

Home                      Purchased                      Don't  
raised                                           know

- Test positive(s) (but not sick),                      number \_\_\_\_\_

If test positives have been found, were the animals:

Home                      Purchased                      Don't  
raised                                           know

2. Do you think Johne's is present in your herd today?                      Yes                      No

**Section 3: Current Herd Inventory:**

Breed (s) present: \_\_\_\_\_

<b>Class of animal</b>	<b>Number today</b>	<b>Approximate % that were not born and raised on this farm</b>
Cows		
Bred Heifers		
Open heifers (weaned to breeding age)		
Pre-weaned (Nursing) calves (male and female)		
Mature bulls, 2 years of age and older		
Bulls, weaned to 2 years of age		
Other _____		

*Directions: In each row, place an X in the box for the column that best describes the risk for each factor.*

<b>A. Calving Area Risk Factors</b>	<b>0 No Risk</b>	<b>1 Very low</b>	<b>2 low</b>	<b>3 Mod.</b>	<b>4 High</b>	<b>5 Very high</b>
1. Multiple animal use (single animal to crowded calving area)						
2. Manure build-up in calving area (clean and dry to dirty, wet)						
3. Manure soiled udders and legs of cows (none to coverage of flanks/legs/udders)						
4. JD infected animals calve here (never to always)						

**Maximum Score is 20. Your score is \_\_\_\_\_**

<b>B. Pre-weaned (nursing) Calf Risk Factors</b>	<b>0 No Risk</b>	<b>1 Very low</b>	<b>2 Low</b>	<b>3 Mod.</b>	<b>4 High</b>	<b>5 Very high</b>
1. Cow-calf pairs kept with JD clinical or suspect animals (Never to frequently)						
2. Manure buildup in calf area (Clean and dry, to dirty, wet)						
3. Possible manure contamination of <b>water</b> by cows, splatter, equipment or people (Never to likely)						
4. Possible manure contamination of <b>feed</b> by cows, splatter, equipment or people (Never to likely)						
5. Sick calves exposed to sick cows (Never to frequently)						

**Maximum Score is 25. Your score is \_\_\_\_\_**

<b>C. Weaned Calves (Heifers and Bulls) Risk Factors</b>	<b>0 No Risk</b>	<b>1 Very low</b>	<b>2 Low</b>	<b>3 Mod.</b>	<b>4 High</b>	<b>5 Very high</b>
1. Direct contact with cows or their manure (Never to frequently)						
2. Potential for contamination of <b>water</b> : shared with cows, traffic splatter, runoff or people (Never to Frequently)						
3. Possible manure contamination of <b>feed</b> : stored feed, equipment, from cows, traffic splatter, people or runoff (Never to Frequently)						
4. Share pasture with cows/bulls (Never to Frequently)						
5. Manure spread on forage grazed/harvested same season						

**Maximum Score is 25. Your score is \_\_\_\_\_**

<b>D. Bred Heifer and Yearling Bull Risk Factors</b>	<b>0 No Risk</b>	<b>1 Very low</b>	<b>2 Low</b>	<b>3 Mod.</b>	<b>4 High</b>	<b>5 Very high</b>
1. Direct contact with cows or their manure (Never to Frequently)						
2. Possible manure contamination of feed: stored feed, equipment, cows, traffic splatter, people or runoff (Never to Frequently)						
3. Possible manure contamination of water sources: shared with cows, by cows, traffic splatter, runoff or people (Never to Frequently)						
4. Share pasture with cows/bulls (Never to Frequently)						
5. Manure spread on forage grazed/harvested same season						

**Maximum Score is 25. Your score is \_\_\_\_\_**

<b>E. Cows and Bulls Risk Factors</b>	<b>0 No Risk</b>	<b>1 Very low</b>	<b>2 Low</b>	<b>3 Mod.</b>	<b>4 High</b>	<b>5 Very high</b>
1. Possible manure contamination of feed: when fed or stored, by equipment, traffic splatter, runoff or people. (Never to Frequently)						
2. Possible manure contamination of water: by cows, traffic splatter, runoff, people (Never to Frequently)						
3. Direct access to accumulated or stored manure (Never to Frequently)						
4. Manure spread on forage grazed or harvested the same season						

**Maximum Score is 20. Your score is \_\_\_\_\_**

<b>F. Sources of Additions &amp; Replacements in the last <u>5 years</u></b>	<b>0  No herd additions in this class</b>	<b>1  1 added from single herd</b>	<b>3  2 to 10 from single herd</b>	<b>5  10+ from single herd</b>	<b>7  2 to 10 from multiple herds</b>	<b>10  10+ from multiple herds</b>
Cows						
Heifers						
Bulls < 2 years of age						
Bulls 2 years of age or older						

**Maximum Score is 40. Your score is \_\_\_\_\_**

**Do you have any health requirements for animals coming into your herd?**

\_\_\_\_\_

## Risk Assessment Summary

Calculating the herd score for each area as a percent of the area's maximum score, and as a percent of the herd's total score, will highlight the top risk areas to address in the management plan

<b>Risk Factor Areas</b>	<b>Maximum Score for area</b>	<b>Your score</b>	<b>Your area Score/ Area Max Score (%)</b>	<b>Your Area Score / Your Herd Total Score (%)</b>
<b>A. Calving Area</b>	<b>20</b>			
<b>B. Pre-weaned Calves</b>	<b>25</b>			
<b>C. Post -Weaned Calves</b>	<b>25</b>			
<b>D. Bred Heifer and Yearling Bulls</b>	<b>25</b>			
<b>E. Cows and Bulls</b>	<b>20</b>			
<b>F. Additions &amp; Replacements</b>	<b>40</b>			
<b>Total</b>	<b>155</b>			

**Comments:**

Herd: \_\_\_\_\_

**Johne's Management Plan for \_\_\_\_\_ (year)**

<b>Recommendation</b>	<b>Reason for this recommendation</b>	<b>Priority (Low, Medium, High)</b>
1.		
2.		
3.		

**Recommendation regarding future testing:** \_\_\_\_\_

**Herd Owner signature:** \_\_\_\_\_

**Veterinarian signature:** \_\_\_\_\_ **Vet. RAMP #:** \_\_\_\_\_

**Date completed:** \_\_\_\_\_

**FAX completed RAMP to: 519-846-8178**