

**MICHIGAN JOHNE'S DISEASE CONTROL PROGRAM  
Risk Assessment (Dairy)**

Premises ID:	Facility Name:
Address:	Phone:
Completed by:	Date:

**Risk**

<b>Calving Area</b>	<b>Max</b>	<b>Herd</b>	<b>LYS</b>	Instructions: Score 0 for no risk Score between 1 and 10 to assess farm risk, 1 being very low and 10 being very high risk. If applicable, tally Last year's assessment scores in the column provided (LYS)
1. Multiple animal use	10			
2. Manure build up in calving area	10			
3. Area also used for sick cows	10			
4. JD clinical cases or suspects in calving area	10			
5. Manure soiling of cow's udders	10			
6. calves born in other cow areas	10			
7. Time calves stay with dam (<30minutes to > 24 hours)	10			
8. Calves nurse on dam	10			
<b>Subtotal</b>	<b>80</b>			

**Comments and management changes in last 12 months**

<b>Pre-weaned heifers</b>	<b>Max</b>	<b>Herd</b>	<b>LYS</b>	Instructions: Score 0 for no risk Score between 1 and 10 to assess farm risk, 1 being very low and 10 being very high risk. If applicable, tally last year's assessment scores in the column provided. (LYS)
1. Fed pooled colostrum	10			
2. Fed colostrum from individual cow to several calves	10			
3. Fed unpasteurized pooled milk	10			
4. Calves are exposed to adult cow manure	10			
5. Contamination of milk, feed, or water with cow manure	10			
<b>Subtotal</b>	<b>50</b>			

**Comments and management changes in last 12 months**

<b>Weaned heifers</b>	<b>Max</b>	<b>Herd</b>	<b>LYS</b>	Instructions: Score 0 for no risk Score between 1 and 5 to assess farm risk, 1 being very low and 5 being very high risk. If applicable, tally last year's assessment scores in the column provided. (LYS)
1. Direct contact with cows or cow manure	5			
2. Possible manure contamination of feed	5			
3. Possible manure contamination of water	5			
4. Share feed, water or facilities with cows	5			
5. Share pasture with cows	5			
6. Manure spread on forage grazed/harvested same season	5			
<b>Subtotal</b>	<b>30</b>			

**Comments and management changes in last 12 months**

<b>Bred heifers</b>	<b>Max</b>	<b>Herd</b>	<b>LYS</b>	Instructions: Score 0 for no risk Score between 1 and 4 to assess farm risk, 1 being very low and 4 being high. If applicable, tally last year's assessment scores in the column provided. (LYS)
1. Direct contact with cows or cow manure	4			
2. Possible manure contamination of feed	4			
3. Possible manure contamination of water	4			
4. Share feed, water, or facilities with cows	4			
5. Share pasture with cows	4			
6. Manure spread on forage grazed/harvested same season	4			
<b>Subtotal</b>	<b>24</b>			

**Comments and management changes in last 12 months**

<b>Adult cows and bulls</b>	<b>Max</b>	<b>Herd</b>	<b>LYS</b>	Instructions: Score 0 for no risk. Score between 1 and 4 to assess farm risk, 1 being very low and 4 being high. If applicable, tally last year's assessment scores in the column provided. (LYS)
1. Possible manure contamination of feed	4			
2. Possible manure contamination of water	4			
3. Direct access to accumulated or stored manure	4			
4. Manure spread on forage grazed/harvested same season	4			
<b>Subtotal</b>	<b>16</b>			
<b>Comments and management changes in last 12 months</b>				

<b>Sources of additions and replacements</b>	<b>1-5</b>	<b>6-12</b>	<b>13-20</b>	<b>&gt;20</b>
1. Use quality heifer raiser or get additions from status level 2-4 status herd.	1	2	3	4
2. From low risk herds, level 1 or pre-tested herds	5	6	7	8
3. From single source non-tested or non-program herds	9	10	11	12
4. From multiple sources non-tested or non program herds	13	14	15	16
5. From market or unknown source	17	18	19	20

*(Circle the square in each row that reflects management in the past 12 months)*

<b>Risk factors</b>	<b>Max</b>	<b>Herd</b>	<b>Last year's score</b>	<b>Area herd score/ Area Max Score (%)</b>	<b>Area herd score/ Total herd score (%)</b>	<b>Assessment Summary</b> Calculate the herd score for each area as a percent of the area's max score and the herd's total score to highlight the top risk areas to address in the management plan
Calving area	80					
Pre-weaned heifers	50					
Weaned heifers	30					
Bred heifers	24					
Adult cows and bulls	16					
Additions/replacements	60					
<b>Total</b>	<b>260</b>					

**JOHNE'S MANAGEMENT PLAN**

**What are the objectives of the herd plan?**

- Determine status of herd     
  Prevent JD introduction into herd     
  Prevent further spread  
 Establish test negative status     
  Reduce infection in herd     
  Other

Are you enrolled in the US Test Negative Program? Yes No

If yes, what status level is your herd? \_\_\_\_\_

**Based on the objectives of your herd plan, what testing strategies do you propose to use?** (The following testing strategies are based on recommendations for herds not enrolled in the U. S. Test Negative Program which were presented to the National Johne's Working Group in October 2006.)

Environmental culture (classifying a herd as infected vs. non-infected) \_\_\_\_\_

ELISA (Control disease in a known infected herd, confirmation of clinical diagnosis in known infected herd) \_\_\_\_\_  
(Blood or Milk ELISA)

Fecal Culture (reduce/eliminate infection in herd, confirmation of clinical diagnosis) \_\_\_\_\_

PCR (confirmation of clinical diagnosis) \_\_\_\_\_

Pre-purchase testing (prevent introduction/further spread in herd) \_\_\_\_\_

Other \_\_\_\_\_

**Management procedure/testing strategies**  
**Person Responsible**


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Signature of Veterinarian

Phone Number