

Demonstration Project:

The Michigan Johne's Disease Control Demonstration Project is a cooperative program between Michigan State University (MSU), Michigan Department of Agriculture (MDA), and the United States Department of Agriculture (USDA). The objective is to demonstrate and investigate management factors that are effective in controlling Johne's Disease (JD). Eight dairy farms and one beef are enrolled in the project. Herds represent a variety of housing and management systems. A JD control program was developed for each individual herd. The prevalence of JD in the respective herds is tracked annually through repeated testing. Each herd's control program is reviewed annually and updated as necessary. In addition, several field based research projects are being conducted to develop new knowledge on the control of JD.

For more information on the demonstration projects, the Michigan Voluntary Johne's Disease Control Program and other educational resources on Johne's Disease visit our website at:

cvm.msu.edu/extension/johnes

Or e-mail us at:

johnes@cvm.msu.edu

Project Goals:

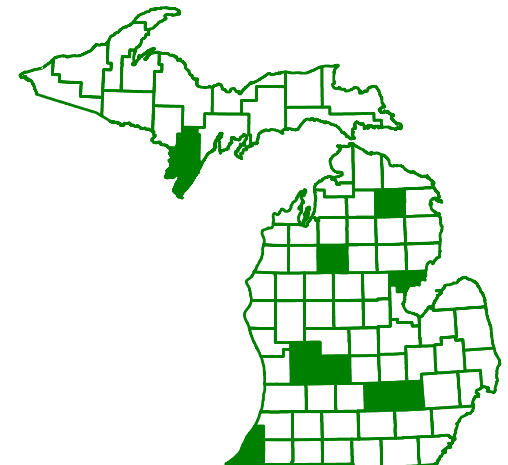
- Evaluate Johne's disease control strategies.
- Develop new knowledge on Johne's disease through field research.
- Promote the Michigan Voluntary Johne's Disease Control Program.
- Develop Johne's disease education resources.



Herd Characteristics:

Herd	Size	Breed	Management Style
1	175	Holstein	- Confined dairy - Heifers and dry cows grazed
2	100	Holstein	- Confined dairy
3	140	Holstein	- Confined dairy - Heifers grazed
4	80	Jersey	- Organic dairy - Cows grazed
5	300	Holstein	- Confined dairy - Expanding dairy - Heifers custom-raised
6	150	Holstein	- Confined dairy
7	500	Holstein	- Confined dairy - Expanding dairy - Heifers custom-raised
8	500	Holstein	- Confined dairy - Heifers and dry cows grazed
9	200	Beef	- Cow-calf herd managed on pasture

Herd Locations:



Research Projects:

- Risks of calves shedding *Mycobacterium paratuberculosis*.
- Role of environmental contamination in Johne's control.
- Economic cost benefit of Johne's disease control
- Frequency of *Mycobacterium paratuberculosis* on skin of cows in maternity/close-up facilities
- Development of new management tools to help control Johne's
- Evaluating different testing strategies

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