

### REGISTRATION FORM

Check location you plan to attend: \_\_\_\_\_ E. Lansing \_\_\_\_\_ Bowling Green \_\_\_\_\_ Bad Axe \_\_\_\_\_ Wyoming, ON

Name \_\_\_\_\_ Address \_\_\_\_\_

Email (optional): \_\_\_\_\_

Register on line at [https://commerce.cashnet.com/msu\\_3645](https://commerce.cashnet.com/msu_3645) with credit card or check. You may also register via US mail. Simply make checks payable (US Funds) to **MICHIGAN STATE UNIVERSITY** (\$35 for 1<sup>st</sup> person and \$25 for each additional family/farm member; FFA/4-H students can register for \$15 each). Mail registration and check to the address listed below. If not mailed by January 19, 2017, call the meeting contact in your area and indicate your desire to attend. A count is needed for preparation of educational materials.

Number in your party attending \_\_\_\_\_ Enclosed is a check for \$ \_\_\_\_\_  
Additional names: \_\_\_\_\_

### Mail BEFORE January 19, 2017 to:

Carla McLachlan Dept. Animal Science, Michigan State Univ., 474 S. Shaw Lane, 1287 Anthony Hall, E. Lansing, MI 48824-1225 or call: 517-432-5402.

Michigan State University  
Department of Animal Science  
474 S. Shaw Lane, Rm 1287  
E. Lansing, MI 48824-1039

# 2017 Great Lakes

## Professional Cattle Feeding and Marketing Shortcourse

MICHIGAN STATE  
UNIVERSITY



474 S Shaw Lane, Rm 2265B, East Lansing, MI 48824  
ph 517-432-1390 fx 517-353-1699

# 2017 Great Lakes Professional Cattle Feeding and Marketing Shortcourse

Feeding cattle for consumer markets is a challenging business. Profitability is sporadic. To survive, continued implementation of new technology and management ideas are needed. The purpose of this short course is to provide information to assist managers in decision making. The first session will address previous management on cattle performance. It will also highlight the changes in the nutrient requirements of feedlot cattle. Environmental issues such as manure management are continuing to be hot topics. The second session will address the status of cattle and corn markets, how prices are established, information required by lenders to provide capital for feedlots.

## SPONSORS

**Agri-King Nutrition**  
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**Elanco Animal Health**  
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**JBS**  
**Merck Animal Health**  
**NRV**  
**Purina Animal Nutrition**

## Session 1\* ~ January 24, 25, 26

### Chairpersons

E. Lansing, MI:	Kevin Gould, Agric. Educator
Bowling Green, OH:	Alan Gahler, Ext. Educator
Bad Axe, MI:	Jeannine Schwiehofer, Ext. Educator
Wyoming, ON:	Debbie Coke, Lambton Cattlemen

6:00 pm Registration and refreshments

6:30 **Impact of early nutrition/management on growth, health, and meat quality.**  
Drew Vermeire, Nouriche Nutrition Ltd

7:20 **VFD is here, NOW WHAT?**  
Justin Kieffer, The Ohio State Univ.

8:10 Refreshments

8:30 **Managing manure to minimize runoff.**  
Shelby Burlew, Michigan State Univ.

9:20 **New NRC Nutrient Requirements for Beef Cattle**  
Steven Rust, Michigan State Univ.

## Session 2\* ~ February 7, 8, 9

### Chairpersons

E. Lansing, MI:	Kevin Gould, Agric. Educator
Bowling Green, OH:	Alan Gahler, Ext. Educator
Bad Axe, MI:	Jeannine Schwiehofer, Ext. Educator
Wyoming, ON:	Debbie Coke, Lambton Cattlemen

6:00 pm Registration and refreshments

6:30 **How does USDA establish market prices? Are the reported prices representative of all cattle sold?** Jodie Pitcock, Livestock, Poultry, and Grain Market News, USDA

7:20 **What must I do to procure capital resources for my operation?** Roger Betz, Michigan State Univ.

8:10 Refreshments

8:30 **Regional niche markets for beef.**  
Jeannine Schwiehofer, Michigan State Univ.

9:20 **Outlook for corn and beef prices.**  
Jim Hilker, Michigan State Univ.

**\*Sessions in Bad Axe will start at 10:00 and end at 3:00.**

## For more information contact:

### Michigan

Steven Rust	(517) 432-1390
Kevin Gould	(616) 527-5357
Jeannine Schwiehofer	(810) 989-6935

### Ohio

Stephen Boyles	(614) 292-7669
Allen Gahler	(419) 334-6340
Alan Sundermeier	(419) 354-9050

### Ontario

Debbie Coke	(519) 683-4569
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## LOCATIONS

### East Lansing, MI

*Livestock Pavilion, East Lansing, MI (south of campus on Farm Lane)*

Tuesday, January 24 & February 7

### Bowling Green, OH

*Wood County Junior Fair Bldg.*

*Wood County Fair Grounds*

Wednesday, January 25 & February 8

### Bad Axe, MI

*Franklin Inn*

Thursday January 26 & February 9

### Wyoming, ON

*Royal Canadian Legion, 493 Erie Street*

Thursday, January 26 & February 9

There will be a \$35 (US funds) registration fee. Additional attendees from the same operation can register for \$25/person. Youth (college, FFA and 4-H) can register for \$15. These monies will be used to cover the cost of refreshments, educational materials, and guest speaker expenses. Online registration at: [https://commerce.cashnet.com/msu\\_3645](https://commerce.cashnet.com/msu_3645)