

2022 DAIRY PROGRAMS



MICHIGAN STATE

UNIVERSITY

Extension

2022 MSU Extension Dairy Programs

Michigan State University (MSU) Extension Dairy Team:
Educators and Specialists with a commitment to enhance the competitive advantage of Michigan dairy producers and Michigan's dairy industry

The MSU Extension Dairy Team fulfills this mission in a variety of ways.

- Educational programs are held throughout the state focusing on issues identified by the industry
- Research and demonstrations are conducted directly with dairy producers
- Farm visits reinforce and help to apply research-based information and concepts to your unique farm operation
- Educational resources and event information are shared through our website <https://www.canr.msu.edu/dairy/>, news releases and emails

Call us if you need help with problem-solving, evaluating alternatives, planning for the future, or learning another perspective on your operation. Please don't hesitate to call!

You can find any MSU Extension employee at:
<https://www.canr.msu.edu/dairy/experts>

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@DairyMsu



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PROGRAMS

VIRTUAL COFFEE BREAK WITH THE MSU DAIRY TEAM PODCAST

Overview: Listen to podcast episodes covering a wide variety of dairy-related topics from your phone or smart speaker. New episodes will be released in Spring and Fall. The podcast is available on Spotify, the Apple podcast app, and the most popular platforms.

More information: contact Martin Mangual at 616-994-4581 or email carrasq1@msu.edu.

FACEFARMLIVE! PROGRAM

Overview: The goal of this program is to provide information on farm issues or important procedure changes to improve dairy operations. The information will often be shared live through social media groups. Videos will also be posted in two dairy groups including “Young Progressive Dairy Group of West Central Michigan” and the “Thumb Dairy Group”.

Details: For information about how to access and register with the group contact Martin Mangual at 616-994-4581 or email carrasq1@msu.edu.

PARLOR PERFORMANCE EVALUATIONS

Overview: Evaluations combine the use of VaDia Technology and other metrics to analyze milking protocols and parlor efficiency, and provide recommendations to reduce milking issues like bimodal milking, among others. Data can also be used to tailor milker-training programs for the participating farms.

Dates and Locations: Individually scheduled for farms across the state

Details: Contact our nearest Dairy Educator (locations and contact information at the end of the booklet).

YOUNG PROGRESSIVE DAIRY GROUP – WEST MICHIGAN

Overview: These local meetings are targeted to young dairy producers and are designed to provide education to increase knowledge and capacity of producers to continually develop their dairy management skills. Each meeting will focus on one topic or farm issue and will often include a guided farm visit and producer discussion.

Dates and Locations: Year-round, multiple location in West Michigan

Details: For information about dates and to receive communications on this program contact Martin Mangual at 616-994-4581 or email carrasq1@msu.edu.

THUMB DAIRY GROUP

Overview: Thumb Dairy Group is for dairy farmers that are interested in growing their knowledge base and learning from their peers. This group will help dairy farmers learn more about various aspects of dairy herd management as well as business management.

Dates and Locations: In-person 5-7 times throughout the located on some farms and other locations in the Thumb area.

Details: Contact Marianne Buza Murawski at 440-785-2919 or mbuza@msu.edu

THUMB DAIRY ODYSSEY

Overview: Thumb Dairy Odyssey provides interactive dairy science learning experiences for youth. These participants will learn about various aspects of the dairy industry, including animal nutrition, veterinary science, reproduction, farm technology, showmanship and judging.

Dates and Locations: Two in-person events per summer.

Details: Contact Marianne Buza Murawski at 440-785-2919 or mbuza@msu.edu.

MICHIGAN DAIRY AMBASSADOR

Any Michigan high school and college students interested in dairy and/or pursuing a career in the dairy industry can apply to the Michigan Dairy Ambassador Scholarship and Leadership Program. The program offers dairy communication and leadership training to participants as well as opportunities to promote dairy in their community and throughout the state.

Contact person: Megghan Honke Seidel (honkemeg@msu.edu; 989-666-3773)

Location: Virtual and in-person around the state throughout the year

Date: Applications due in March 2022

Registration: <https://www.glrdc.org/ambassadors/>

BEEF QUALITY ASSURANCE

Overview: Every beef and dairy producer is obligated to utilize judgement and management which leads to a safe and positive eating experience for beef consumers. Beef Quality Assurance (BQA) is a voluntary program, promoted through the Beef Checkoff since 1982, to educate about accepted management skills and scientific knowledge to prevent beef product defects. The program's goal is to ensure that all cattle are healthy, and wholesome; managed to meet USDA, FDA, and EPA standards; produced with environmentally-sound production practices; and handled within acceptable animal welfare guidelines. Some major regional packer/processors are now requiring BQA certification of their fed cattle suppliers. Join the nearly 4,000 Michigan producers who are BQA certified.

More information on BQA training and certification options: <https://www.canr.msu.edu/courses/beef-quality-assurance>

FARM STRESS

Overview: From unexpected weather to equipment breakdowns, many things can take a toll on the dedicated people who drive our agriculture industry. Through the MDARD/FRSAN Legacy of the Land grants, MSU Extension can help you and your farm navigate stress and challenges to make sound decisions. Offerings include: Farm financial analysis and cash flow projections, teletherapy, business management strategies, and farm stress resources.

For more information, visit: extension.msu.edu/legacygrants

2022 CROP AND PEST MANAGEMENT UPDATE MEETINGS

Overview: Learn about the latest recommendations for managing weeds, diseases, insects and nematodes from MSU Extension educators and specialists. Pre-registration is required, and registration includes lunch and a Weed Control Guide for Field Crops. RUP and CCA credits will be available at each meeting.

Dates and Locations:

Jan. 12: Gratiot Isabella RESD, Ithaca, MI

Jan. 24: Dowagiac Conservation Club, Dowagiac, MI

Feb. 1: SVREC, Frankenmuth, MI

Feb. 3: Kirtland University Center, Gaylord, MI

Feb. 8: Family Center at Immaculate Conception Parish, Milan, MI

Feb. 10: Beagio's, Kingston, MI

Contact : Phil Kaatz, kaatz@msu.edu

Registration: <https://events.anr.msu.edu/2022CropandPestManagementUpdates/>



BEGINNING FARMER DEMaND WEBINAR SERIES

Overview: Are you planning to be the next generation farm operator? Whether you represent the transition of generations, that of employee to owner, or a new entrant to the business, a fresh look at management will be necessary. The Beginning Farmers Developing and Educating Managers and New Decision Makers (DEMaND) series was created to help beginning farmers learn about financial and business management strategies as they develop into the next managers and decision-makers on the farm. Created by Michigan State University Extension, this series offers articles, workshops and additional resources to help navigate managing a farm. The program is free to anyone who registers.

Dates and Locations: Wednesdays at 7 p.m. From Jan. 12 to Feb. 9, 2022

Registration: events.anr.msu.edu/demandbeginningfarmers/

For more information: Jon LaPorte laportej@msu.edu, 269-414-6418

2022 FARM BILL PROGRAM AND CROP INSURANCE DECISION- WHAT FITS YOUR FARM?

Overview: Experts from Michigan State University Extension, will provide you with the best information to help you evaluate your risk and make decisions regarding PLC, ARC sign up with the FSA and new crop insurance options.

Dates and Locations: Online via Zoom
January 20, 2022 - 11 a.m. - 12:30 p.m. or
February 17, 2022 - 6:30 - 8 p.m.

Registration: <https://events.anr.msu.edu/farbill2022/>



WINTER PROGRAM: MANAGING YOUR COWS' GENES FOR GREATER PROFITS

Overview: This program is designed for dairy farm owners, managers and farm consultants and will be focused on genetic improvement. Topics include: What is the Feed Saved trait, building a breeding program for genetic progress and profit, heifer improvements in the MSU Herd, feeding efficiency, and cow longevity.

Dates and Locations:

Feb. 15 - Martin Township (Martin Twp Community Building)

Feb. 17 - West Branch (Forward's Conference Center)

Feb. 22 - Bad Axe (Franklin Inn)

Feb. 23 - Cadillac (Carl T. Johnson Hunting & Fishing Center)

Feb. 24 - St. Johns (AgroLiquids)

More information: contact Martin Mangual at 616-994-4581 or email carrasq1@msu.edu.

2022 MICHIGAN DAIRY HEALTH SYMPOSIUM - Dairy Calf Health

Overview: The 3rd Michigan Dairy Health Symposium will focus on dairy calf health management. Guest speakers will present new information regarding early life nutrition strategies, calf health and welfare, and calf disease diagnosis and treatment.

Date and location: Thursday, March 10, 8:30 a.m. - 5 p.m. MSU Campus (Molecular Plant Sciences, Room 1200)

Details: For more information and registration, contact Dr Angel Abuelo at abuelo@msu.edu or 517-884-7818. General registration is \$100.

Animal Science Career Quest

Overview: Join this workshop held on MSU's campus to learn more about being a Spartan, careers in animal science, and tour animal science facilities. Open to youth ages 12-19 as of January 1, 2022.

Contact person: Melissa Elischer (elischer@msu.edu/517-432-4306)

Location: East Lansing

Date: March 18-20, 2022

Registration: Melissa Elischer (elischer@msu.edu/517-432-4306); registration through ANR Events forthcoming

4-H/MMPA TOUR

Overview: Learn about co-ops and what happens to milk after it leaves the farm and makes its way to the grocery store shelf as one of countless delicious, nutritious products! Open to youth 15-19 as of January 1, 2022.

Contact person: Melissa Elischer (elischer@msu.edu/517-432-4306)

Location: Novi, MI

Date: June 2022

Registration: Melissa Elischer (elischer@msu.edu/517-432-4306)

4-H EXPLORATION DAYS

Overview: This MSU precollege program welcomes youth ages 12-19 to explore their future, try new things and experience college life! During this three-day event, youth will gain confidence and independence through hands-on learning and make friends for a lifetime.

Contact person: Michelle Neff, 4h.expodays@msu.edu

Location: East Lansing

Date: June 22-24, 2022

Registration: https://www.canr.msu.edu/4_h_exploration_days/

MICHIGAN 4-H YOUTH DAIRY DAYS

Overview: A week for youth around Michigan to showcase their dairy knowledge and skills, earn awards and scholarships, and vie for a place on national teams representing Michigan in dairy cattle judging, management skills, and quiz bowl.

Contact person: Melissa Elischer (elischer@msu.edu/517-432-4306)

Location: Pavilion at MSU; East Lansing

Date: July 18-22

Registration: Melissa Elischer (elischer@msu.edu/517-432-4306)

BREAKFAST ON THE FARM

Overview: These consumer education events provide an on-farm opportunity to learn about modern agriculture. Visitors will learn firsthand how farmers care for animals, protect the environment and produce safe and nutritious food.

Dates and Locations: June – October with specific dates and locations to be determined in early 2022.

Registration: More information is available at www.breakfastonthefarm.com or you may contact Ashley Kuschel at 586-469-7616 / kuschela@msu.edu or Mary Dunckel at 989-354-9875 / dunckelm@msu.edu.



Employee On-Farm Trainings

ON-FARM STOCKMANSHIP

Overview: These on-farm training sessions will cover general stockmanship and animal handling. This training meet the requirements of the National Dairy FARM program.

Language: English and Spanish.

Dates and Locations: upon request.

Contact: Marianne Buza Murawski at 440-785-2919 or mbuza@msu.edu

DOWN COW MANAGEMENT TRAINING

Overview: Farm staff will learn about the care of down cows and why these cases should be considered an emergency.

Language: English and Spanish.

Dates and Locations: Sessions will be offered across the state at various times of the year. These can be organized on request.

Contact: Marianne Buza Murawski at 440-785-2919 or mbuza@msu.edu

CALF CARE

Overview: Dairy farm employees, managers and owners will learn, hands-on, the basics of calf care, along with new management practices and research to grow calves to their full potential.

Language: English and Spanish.

Dates and Locations: upon request.

Contact: Paola Bacigalupo at 970-888-1356 or paolabs@msu.edu

DEHORNING USING HOT IRON WITH PAIN MITIGATION TRAINING

Overview: These hands-on trainings will cover the use of a hot iron dehorner and the proper administration techniques of medication for pain management in calves. There are no fees associated with this training.

Language: English and Spanish.

Dates and Locations: upon request.

Contact: Paola Bacigalupo at 970-888-1356 or paolabs@msu.edu

MATERNITY TRAINING

Overview: This training will cover critical points around calving, including the care of the cow and newborn, colostrum management, and calving difficulties.

Language: English and Spanish.

Dates and Locations: upon request.

Contact: Paola Bacigalupo at 970-888-1356 or paolabs@msu.edu.

FEEDER CONSULT AND TRAINING

Overview: These on-farm training sessions will cover basic cow nutrition and ingredient management, on-farm sampling and dry matter testing, basic feeder safety and overview & evaluation of feeding protocols. Program can be focused on managers or employees determined by case.

Language: English and Spanish.

Dates and Locations: upon request.

Contact: Martin Mangual at 616-994-4581 or carrasq1@msu.edu

HANDS-ON EUTHANASIA TRAINING

Overview: Using portable models and a captive bolt stunner, this on-farm training teaches placement and protocols for proper euthanasia.

Language: English and Spanish.

Dates and Locations: upon request.

Contact: Marianne Buza Murawski at 440-785-2919 or mbuza@msu.edu



EXTENSION DAIRY ADVISORY TEAM:

The MSU Extension Dairy Advisory Team is a group of progressive dairy producers and professionals selected to provide input on needs in the industry and feedback on MSU Extension activities. It is also a great opportunity to network with and learn from peers and MSU personnel. Members serve two-year terms and meet regularly by phone and in person twice per year.

2021 - 2022 MEMBERS:

| | |
|-----------------------|------------------------|
| Sam Chapin | Katelyn Packard |
| Keegan DeZeeuw | Brian Preston |
| Samanta Fensterseifer | Allison Pung |
| Ethan Haywood | Merv Seiler |
| Kyle Jandernoa | Bryce Slavik |
| Jack Jeppesen | Garrett Slavik |
| Katy Kesler | Becky Smith |
| Bill Martin | Jami Van Loon |
| Eric Martin | Robert (Bob) Vlietstra |
| Renee McCauley | James Weber |

MSU Extension Dairy Educators:

| | | | |
|------------------------|-------------|--------------|------------------|
| Paola Bacigalupo | Mason | 517-279-6419 | paolabs@msu.edu |
| Marianne Buza Murawski | Bad Axe | 989-269-9949 | mbuza@msu.edu |
| Phil Durst | West Branch | 989-387-5346 | durstp@msu.edu |
| Victor Malacco | Coldwater | 765-701-5872 | rochamal@msu.edu |
| Martin Mangual | West Olive | 616-994-4581 | carrasq1@msu.edu |
| Frank Wardynski | Ontonagon | 906-884-4386 | wardynsk@msu.edu |

MSU Educators Serving Dairy Producers:

| | | | |
|-------------------|----------------------|--------------|------------------|
| Roger Betz | Farm Management | 517-230-0110 | betz@msu.edu |
| Corey Clark | Farm Management | 517-420-2042 | rischcor@msu.edu |
| Florencia Colella | Farm Management | 231-224-6439 | colellaf@msu.edu |
| Melissa Elischer | 4-H Dairy Management | 517-432-4306 | elischer@msu.edu |
| M. Charles Gould | Bioenergy | 616-834-2812 | gouldm@msu.edu |
| Phil Kaatz | Forages | 810-338-5242 | kaatz@msu.edu |
| Jon LaPorte | Farm Management | 269-445-4438 | laportej@msu.edu |
| Stan Moore | Farm Management | 231-533-8818 | moorest@msu.edu |

MSU Extension Dairy Specialists:

| | | | |
|-----------------|----------------------------|--------------|------------------|
| Angel Abuelo | Animal Health | 517-884-7818 | abuelo@msu.edu |
| Barry Bradford | Nutrition | 517-432-5400 | bjbrad@msu.edu |
| Kim Cassida | Forages | 304-575-6099 | cassida@msu.edu |
| Adam Lock | Nutrition and Management | 517-353-8714 | allock@msu.edu |
| Pamela Ruegg | Udder Health & Antibiotics | 517-355-8384 | plruegg@msu.edu |
| Richard Pursley | Reproduction | 517-281-7289 | pursleyr@msu.edu |