

Missouri Dairy Grazing Conference

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October 23-25, 2013 · Springfield, Missouri

Schedule of Events and Topics

Wednesday, October 23

- 7:30 am **Registration and Trade Show Open**
- 8:30 am **"Conference Welcome"**
Charles Fletcher, *Dairy Producer, Purdy, Missouri*
- 8:45 am **"Are We Still Headed in the Right Direction with Grazing"**
Joel McNair, *Editor/Publisher, Graze Magazine*
- 9:30 am **Break and Trade Show Open**
- 10:00 am **"Creating Consistent Systems – Think Systems"**
Team Presentation
"Pasture"
Stacey Hamilton, *State Dairy Specialist, University of Missouri Extension*
"Cows"
Ted Probert, *State Dairy Specialist, University of Missouri Extension*
"Finding Your Breakeven"
Joe Horner, *Economist, University of Missouri Extension*
- 10:45 am **"Practical Risk Mitigation Strategies"**
Moderator – Joe Horner, *Economist, University of Missouri Extension*
Producer Panel
"Mitigating Droughts with Small Scale Irrigation Systems"
Craig Zydenbos, *Dairy Producer, Sarcoxie, Missouri*
"Mitigating Weather Extremes via Stocking Rate & CRP"
Brian Peterson, *Dairy Producer, Trenton, Missouri*
"Mitigating Price Risk with Forward Pricing & LGM-Dairy"
Eric Neill, *Dairy Producer, Freeman, Missouri*
- 11:30 am **"Overview of MU Southwest Center"**
Rob Kallenbach, *State Forage Specialist, University of Missouri Extension*
- 11:45 am Load Buses and Depart for MU Southwest Center (Lunch Provided)
- 1:00 pm Arrive at MU Southwest Center

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1:00 pm **MU Southwest Center Tour**
Small Groups Rotated to Different Speakers Every Half Hour

“Novel Endophyte Fescue Trials”

Sarah Kenyon, Agronomy Specialist, University of Missouri Extension

“Residual Feed Intake vs. Production vs. DMI”

Stacey Hamilton, State Dairy Specialist, University of Missouri Extension

“On-Farm Pasture Measuring Tools”

Rob Kallenbach, State Forage Specialist, University of Missouri Extension

“Reproductive Trials”

Scott Poock, Dairy Veterinarian, University of Missouri Extension

“NZ and US Genetics – Our Experience to Date”

Ted Probert, State Dairy Specialist, University of Missouri Extension

4:00 pm **Load Buses and Depart for Hotel**

5:00 pm **Social Reception and Trade Show Open**

6:30 pm **Social Reception Ends** (*Dinner on your Own*)

Thursday, October 24

8:00 am **“Economics of Synchronization”**
Richard Wallace, Senior Dairy Veterinarian, Zoetis

8:45 am **“Maximizing Grazing Days - Model”**
Stacey Hamilton, State Dairy Specialist, University of Missouri Extension

9:30 am **Break and Trade Show**

10:00 am **“Feeding the Right Level of Concentrate”**
Tony Rickard, State Dairy Specialist, University of Missouri Extension

11:00 am **“Tips & Tricks for Seasonal Use of Compost Pack Barns”**
Jeff Bewley, Assistant Professor, University of Kentucky

11:45 am **Lunch**

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Breakout Sessions

	Track 1	Track 2
1:15 pm	"Using Partial TMR's with Grazing –Experiences across the US" Mike Lamborn, <i>DFA Grazing</i>	"Controlling Contagious Mastitis" John Middleton, <i>Associate Professor, University of Missouri</i>
2:00 pm	"Planning and Economics of Pasture Irrigation" Joseph Zulovich, <i>Agricultural Engineer</i> , and Ryan Milhollin, <i>Economist, University of Missouri Extension</i>	"Attracting & Retaining Employees" Scott Mackereth, <i>Dairy Producer, Harwood, Missouri</i> "Dairy Grazing Apprenticeship Program" Joe Tomandl, <i>Program Director</i>
2:45 pm	Break and Trade Show	
3:15 pm	"Pasture, Rangeland, Forage (PRF) Rainfall Index Insurance" Ray Massey, <i>Professor and Economist, University of Missouri Extension</i>	"Ammoniating Tube Wrapped Baleage" Peter Gaul, <i>Dairy Producer, Benton, Missouri</i>
4:00 pm	" Heifer Development – From Birth to Calving" Scott Pooch, <i>Dairy Veterinarian, University of Missouri Extension</i>	"Benefits of Dung Beetle Populations in Pastures" Wayne Bailey, <i>Associate Professor and Extension Entomologist, University of Missouri</i>
4:45 pm	"Closing Remarks" Charles Fletcher, <i>Dairy Producer, Purdy, Missouri</i>	
5:00 pm	End of Conference	

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Friday, October 25

Optional Tours (Travel at discretion of participant)

Track One – South Central Missouri

Farm Tour #1 – Mooney Dairy, Rogersville, Missouri

Time: 9:00 – 10:30 a.m.

Randy and Jan Mooney own and operate this 300 cow dairy on 400 acres east of Springfield. They were one of two demonstration dairies that cooperated with University of Missouri Extension in 1991-92 to evaluate the profitability of pasture-based systems. The results from this two-year study provided the impetus for the current MU pasture-based dairy program. The grazing platform consists of perennial ryegrass, novel endophyte fescue, annual rye, sudan and turnips.

Farm Tour #2 – Lorreda Swiss Farm, Grovespring, Missouri

Time: 12:00 – 1:30 p.m. (light lunch will be provided)

Ernst, Emanuel and Leslie Roth are owners/operators of this 380 acre dairy. The farm features a double 12 herringbone parlor and adjacent feeding floor which were built in 2011. Following the construction of new facilities, the milking herd was expanded and currently consists of 190 mostly Brown Swiss cows. With expansion management philosophy has evolved from a former high reliance on grazing to current management that could be characterized as more of “hybrid” system. A portion of the milking herd’s diet now comes from stored forage year round. Perennial forages utilized include alfalfa, orchard grass and prairie brome which are supplemented with both summer and winter annuals. Corn silage and alfalfa hay are also produced on the farm.

Track Two – Southeast Missouri

Farm Tour #1 – Tribute Farm, Benton, Missouri

Time: 9:00 a.m. to noon (advised to travel to and stay in Sikeston the night before)

Tribute Farm is a pasture/forage based seasonal dairy, 1,150 acres of sandy free draining soils. We milk 900 cows, mostly crossbreds, calving late winter. The parlor is a 54 bail turnstyle rotary. An interesting feature is the gravity based weeping wall solid separator, with resultant lagoon water pumped through the pivot irrigators. We graze all replacement livestock here, and grow most of our own forage/supplements for the milking herd. Irrigation guarantees good germination and establishment of seasonal forages. It also enables the perennial ryegrass and soft fescues pastures to survive summers, but clover outcompetes the grasses, and we are trying various agronomic responses to this.