

TIMELY TOPICS

By Julie Berry

Growing the industry through education and research

The range of articles in this issue of PRO-DAIRY's *The Manager* reflects in small measure the range of expertise required to successfully farm. Everything is connected, from crops, to care of cows, to quality of products purchased by consumers. *The Manager* seeks to connect you with the latest research to keep your profitable and thriving.

Transition cow business nutritional management strategies

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Current and emerging strategies for nutritional management of dry and fresh cows
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The Manger from PRO-DAIRY brings you current updates on timely topics.

have evolved significantly over the past 10 years and continue to evolve. Sabine Mann, DVM and Ph.D. student in the College of Veterinary Medicine; Brittany Leno, Ph.D. student in the Department of Animal Science; Daryl Nydam, Director of Quality Milk Production Services, Department of Population Medicine and Diagnostic Sciences; and Thomas Overton, PRO-DAIRY Director and Professor of Dairy Management, present the latest research.

Nicole Martin, Associate Director with the Milk Quality Program, connects quality of on-farm management practices with bacterial spore levels in raw milk and dairy product quality.

Robert Lynch, DVM, who has just joined the PRO-DAIRY staff as Dairy Herd Health and Management Specialist reviews common cow-side diagnostic tests.

Matias Strangeferro, Ph.D. student in the Department of Animal Science; Julio Giordano, Assistant Professor of Dairy Cattle Biology and Management; and Kathy Barrett, Senior Extension Associate, review research confirming the

effectiveness of rumination and activity monitors to detect metabolic disease. Activity monitors identified cows with ketosis 1.5 days earlier and DAs 3 days earlier than clinical diagnosis.

Amir Sadeghpour, Post Dr Assoc; Karl Czymmek, Senior Extension Associate; and Quirine Ketterings, Cornell University Animal Science Professor, confirm the value of manure or compost applications on crop yields. They reviewed a study that tested the impact of liquid manure and semi-composted dairy

solids versus inorganic N fertilizer applied during corn years on hay that follows the corn years. They also share research that shows sidedressing provides better N recovery by crops than early season application in wet years.

A profile of the Beller family in Carthage, NY shares how they have used analysis tools to support generational transfer and financial success. Additional funding from NY's Department of Agriculture of Markets and Department of Environmental Conservation has extended the Dairy Acceleration Program, which is designed to enhance profitability and environmental stewardship of NY dairy farms.

Julie Berry (jrb7@cornell.edu) edits *The Manager* for PRO-DAIRY.

Save the date!

For more information, visit: <http://prodairy.cals.cornell.edu/conferences/herd-health-nutrition>

2016 Herd Health & Nutrition Conferences

The Herd Health and Nutrition Conferences provide an opportunity for dairy producers, veterinarians, feed industry representatives and agriservice personnel to increase their knowledge of current herd health and nutrition management techniques while interacting with other professionals.

■ April 13, 2016 – Holiday Inn, Liverpool, NY

■ April 14, 2016 – Sheraton Hotel, South Burlington, VT

The Manager, a special section prepared by PRO-DAIRY specialists appears in *DairyBusiness* four times a year. In keeping with the PRO-DAIRY mission, *The Manager* helps strengthen the management skills of dairy producers and increase the profitability of the dairy industry. PRO-DAIRY, an educational program begun in 1988, is a joint venture of the New York State Department of Agriculture and Markets, Cornell University's College of Agriculture and Life Sciences, and Northeast agriservice organizations. For reprints of PRO-DAIRY's *The Manager*, contact David LaCombe, DairyBusiness Communications, 6437 Collamer Rd, East Syracuse NY 13057. P: 800.334.1904 or 315.703.7979 ext. 235. Email: dlacombe@dairybusiness.com.