The research issue of The Manager is a time to review farm practices. To look at areas of improvement. And to get a peek at what’s new. The dairy industry is energizing because it is constantly evolving. Some of that change happens through pure ingenuity on the farm. Some of it happens because of applied research on the farm. What’s clear is that it requires partnerships of all types. This issue features a number of on-farm research projects and highlights partnerships between researchers, organizations, industry, and farms. Research presented in this issue has an eye toward being practical, and making farms more efficient and profitable with healthy cows, and production of high quality dairy products.

Transition cow management characteristics in Northeast dairy herds page29
Nitrous oxide emissions in corn are related to nitrogen inputs page 30
Dietary mineral sources and feeding rates in the transition period page 32
Comparison of handheld meters to diagnose hyperketonemia page 33
Genomic research and selection improve cow health page 34
Lactococcus: an emerging mastitis pathogen page 36
Influence of cow characteristics and premilking udder preparation on milk flow and teat condition page 37
Starch and fiber in fresh cow rations page 39
Factors that affect the viability and longevity of dairy cattle page 40

This Manager issue from PRO-DAIRY focused on applied research.

The research issue of PRO-DAIRY, leading the way to profit through people, is focused on applied research.

Professor of Dairy Cattle Genetics Dr. Heather Husson is seeking to identify the genetic mechanisms that contribute to mastitis and lameness, including analysis of digital cushion thickness.

Dr. Amir Sadeghpour, a Cornell Post Doctoral Associate, links nitrogen inputs in soil and fertilizer practice to nitrous oxide emissions, a prevalent greenhouse gas, related to corn production.

Dr. Julio Giordano, Cornell’s Assistant Professor of Dairy Cattle Biology and Management, and recent M.S. graduate Benjamin Scott, present results of a field study of 55 NY herds that links herd-level factors with culling risk.

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

Save the date!
For more information, visit: http://prodairy.cals.cornell.edu/conferences/

Upcoming PRO-DAIRY & Extension Conferences
- Calf & Heifer Congress 2016: December 7 & 8, 2016 at the Doubletree in East Syracuse, NY.
- 2017 Herd Health and Nutrition Conference: April 12, 2017 at the Holiday Inn, Liverpool/Syracuse, in collaboration with the Northeast Agribusiness and Feed Alliance.