ISU Dairy Farm Update 2013 (a Pictorial)

A.S. Leaflet R2886

Joe Detrick, ISU Dairy Farm Superintendent; Leo Timms, Morrill Professor of Animal Science

New ISU Dairy Farm: The Beginning (Nov. 25-27, 2007)



ISU Dairy Farm Today: December, 2013



450 cows (390 milking); 400 youngstock 78# milk , 3X with no BST 25,400 # RHA milk; SCC 180-230,000 25 year milk quality award: Swiss Valley Farms 9 cows / 3 heifers as "elite" (top 1% NM\$) 6 full time staff, 4 part time, 37 students

Calan gates: Diane Spurlock Genetics of feed efficiency: UDSA NRI grant 400 cows; \$.5 million; joint with Scotland 2nd Multistate study!!! Don Beitz: By pass fat via yeast: healthy milk? Lance Baumgard : Zinc metabolism / rqts. 4 other industry projects Probiotics & Johnes / peptides & feed efficiency Effects of distillers grains: product quality/taste "LEAKY GUT" Baumgard 2 USDA grants

> Lactating Barn south side



