



Rayner Dairy Research and Teaching Unit –Update

Morgan Hobin MSc, PAg

Manager

Dairy Info Day – January 30, 2015

Background

▪ Staff

- 6 FTE, 1 .6FTE, 11 casuals (undergrads, grad students, public), volunteers

▪ Facility

- Operation for 18 months
- Looking into 2nd phase of construction (manure/water)

Background

▪ Operations

- Research/Teaching
 - Exists for research & teaching primarily
 - Show best practices for students/producers
 - High animal care standards
- Conventional
 - Productivity, reducing cost of production (production/longevity etc)

Herd

- DHI – Jan 15, 2015
 - 103 milking, 15 dry
 - 130 DIM
 - 41.9kg, 3.77% fat, 3.18% protein
 - Lactation - 39% 1st, 31% 2nd, 31% 3rd+
 - Areas of improvement – longevity & herd turnover

Herd

- Herd Health – WCVM Dr. Chris Luby
 - Reproduction focused, overall herd health & productivity
 - 15% fresh, 20% open, 29% bred, 25% preg, 10% dry
 - Technicians avg 36% conception rate, 2.2 breedings avg

- Nutrition Program
 - Put together by faculty – Dr. Christensen & Dr. Penner

Herd

- Heifer/Dry Cow Facility
 - Old north sheep shed
 - Converted into feedlot style facility, 5 pens, divide into age groups, TMR feeding program

- New Calf Barn
 - Convert old piggery into calf facility

Community Outreach

- Gallery
 - Open 7 days a week from 12:30pm – 4:30pm
 - Summer busiest

- Guided Tours
 - Industry, government, interested parties, school groups

- Teaching
 - Undergraduate, graduate studies, WCVM

Questions?

Contact Information

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