

BUILDING LONG-TERM CAPACITY FOR RESILIENT COW-CALF PRODUCTION SYSTEMS



2014 – 2016: SMALL PLOT EVALUATION OF FORAGES IN PURE OR MIXED STANDS

PERENNIAL FORAGES*

- Killarney Orchardgrass
- Courtenay Tall Fescue
- Success Hybrid Brome
- Fleet Meadowbrome
- Armada Meadowbrome
- Algonquin Alfalfa
- Yellowhead Alfalfa
- Oxley II Cicer Milkvetch

*Early vs Late Stockpiling

EXPERIMENTAL SITES

- Carman, MB
- Roblin, MB
- Arborg, MB
- Lanigan, SK
- Saskatoon, SK

ANNUAL FORAGES

- Fusion Corn
- Golden German Foxtail millet
- Haymaker Oats
- Hazlet Fall Rye
- Maverick Barley
- Aubade Westerwold
- Mammoth Soybeans

WHAT ARE WE DOING?

Evaluating stockpiled perennial and annual forages to fill knowledge gaps in forage and beef cow performance in extended grazing systems

WHAT IS INVOLVED?

- Small plot assessment of perennial and annual forages
- Fall/winter grazing study with bred heifers
- Economic analysis of extended grazing of stockpiled forages

WHO IS INVOLVED?

- University of Manitoba
- Western Beef Development Centre
- University of Saskatchewan
- Manitoba Agriculture
- Manitoba Beef Producers
- Manitoba Beef & Forage Initiatives

2016 - 2017: FALL/WINTER GRAZING STUDY

- Assessment of forage utilization by bred heifers
- Four stockpiled forage treatments
- Evaluation of animal performance during overwintering

2016 - 2018: ECONOMIC ANALYSIS OF STOCKPILED GRAZING

- Net return on investment
- Comparison to conventional/standard overwintering system
- Variation in returns using standard risk analysis tools

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