LIVESTOCK AND FORAGE CENTRE OF EXCELLENCE

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Livestock and Forage Centre of Excellence
The Vision

• A collaborative initiative
• integrating livestock and forage research and development of resources
• efficient and effective facilitation of internationally recognized education, research, and extension
  • a global leader in innovation
• increased profitability and sustainability for the livestock and forage industry.

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The Goal

- emulate the commercial production chain
- develop research, teaching, and technology transfer programs
- provide livestock and forage industry of Saskatchewan and Canada new tools and techniques
  - healthy, sustainable and competitive growth
What if we could bring together every aspect of the livestock production chain?

That’s exactly what the Livestock and Forage Centre of Excellence (LFCE) will allow us to do.
The History

*Ten Years in the Making*

*Three Years of Intensive Planning*
The Partnerships

- People, Land and Livestock
- Industry, Province and University
- Nothing Like it in the World!

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The Great Ideas

- collaboration across production chain
  - research, teaching and outreach
    - environmental research
  - genetics, genomics, reproduction
    - nutrition and metabolism
  - disease research and mitigation
- forages, management and utilization
  - calving, grazing, and finishing
- animal welfare and consumer choice

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The Great Ideas

• And now, the hard work...
The Forage and Cow-Calf Research and Teaching Unit

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The Forage-Beef Interface

- Critically important to the future of the industry and to the LFCE
- On-test grazing lands – extensive grazing management studies
- Off-test pasture
- Calving facilities
- Forage development

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The Environment

• Greenfield site for the intensive livestock operation
• Long-term water and nutrient movement
• Pen soil management and durability
• Will help inform the industry on best practices for feedlot sites
The Beef Cattle Research and Teaching Unit

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The LFCE - What’s Next?

• continue with developing the new facilities
• engage partners and supporters
• share progress and potential through communications
• develop our transfer and start-up processes
  • from WBDC
  • from Saskatoon
• develop our management and governance plan
The LFCE Website

www.usask.ca/lfce

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Final Thoughts

• This is the first integrated centre of its kind in Canada, possibly the world.
• We are uniquely poised to bring together renowned expertise influencing every aspect of the production chain.
• This is our niche. We are good at it, and we will be even better with the LFCE as our base.
Final Thoughts

• As John Campbell says, “We’re at the real centre of beef cattle production in Western Canada. The information that we’ll be able to generate here will help us to stay at the forefront of new developments ... both in terms of production and sustainability.”
Questions?

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