



Background

- AAFC Community Pastures under AESB
 - Formerly PFRA
- 85 Pastures
 - Approximately 200,000 Patron cattle

Background

- Approximately 3,000 breeding bulls
- Purchased annually as:
 - weaned bull calves
 - yearling bulls
 - 2 yr old bulls

Goal

- **Service Patron Cows**

Goal

- **Expose Patron cows to:**
 - Patron Selected Bull Breeds
 - Quality, Registered Breeding Bulls

Implementation

- **Bull Purchase**
 - Jim Nugent-AAFC Bull Buyer
 - Sends bulls to Bull Stations

Implementation

- **Bull Stations**
 - Young bulls are grown and evaluated

Implementation

- **Disease Control**
 - Veterinary recommended vaccination program

 - Closely monitored conception rates of Patron cattle

Implementation

- **Breeding Soundness Evaluations**
 - All bulls used in AAFC Community Pastures have passed current year Breeding Soundness Evaluations

Implementation

- **Pastures**
 - Pasture Managers cull bulls based on a variety of reasons.

Searching for Efficiency

- **Internal Database of individual bull records**
 - D.O.B
 - Age at purchase
 - Price
 - Registry info
 - Culling Date
 - Salvage price

Searching for Efficiency

- **Average Years in Service**

Searching for Efficiency

• **Average Years in Service**

2.9 years

3.4 years \$350,000.00 Difference

3.9 years \$1,700,000.00 Difference

Searching for Efficiency

• **Savings Applied to Bull Purchase**

Searching for Efficiency

• **Savings Applied to Bull Purchase**

2.9 years

3.4 years \$2,725.24

3.9 years \$3,475.02

Searching for Efficiency

- Bull Culling by Pasture & District

Searching for Efficiency

Searching for Efficiency

- Bull:Cow Ratio

Searching for Efficiency

• **Bull:Cow Ratio**

25 cows.....\$31.95

30 cows.....\$26.63 \$532,000.00

35 cows.....\$22.82 \$913,000.00

- Cooperation with WBDC, Kathy Larson

Searching for Efficiency

• **Large Scale Applied Research**

Searching for Efficiency

• **Large Scale Applied Research**

- bull:cow ratio
- disease prevention
- trace minerals

Searching for Efficiency

- Large Scale Applied Research
 - RFID tag retention

Searching for Efficiency

- Provide a quality Community Pasture service to Patrons:
 - Long term planning
 - Quality bulls

Results


