

## Integrating Information Into Selection

Connee Quinn -- Talks  
Reuben Quinn -- Works  
Quinn Cow Company  
Chadron, Nebraska



- Integration: To make into a whole by bringing all parts together.

## Parts of the Whole

Forage Base  
Genetic Base  
Commitment



## Commitment

- Continually learning
- Application of data based practices
- Courage to do the right things



"When two people  
think exactly alike  
there is no need for  
one of them."

Business Management Principle

## Early Nineties



Sorting by maternal sire



Simplify my life ---  
keep the heterosis



## Breeding Program

- Calving Ease Angus Sires AI – Rpl Hfrs
- Berger Herdmaster Simm-Angus Bulls

Quinn Calves ~ 2001  
Chappell Feed Yard  
Chappell, Nebraska



Cow YB	Breeding Year	Breeding Year	Breeding Year	Breeding Year
	2003	2004	2005	2006
2000	145 Hd	73 Hd	50 Hd	31 Hd
2001		138 Hd	61 Hd	35 Hd
2002			130 Hd	62 Hd
Total AI Bred	145 Hd	211 Hd	241 Hd	

## Advisory Board –Mid-90's



## History of Inclusion Rate

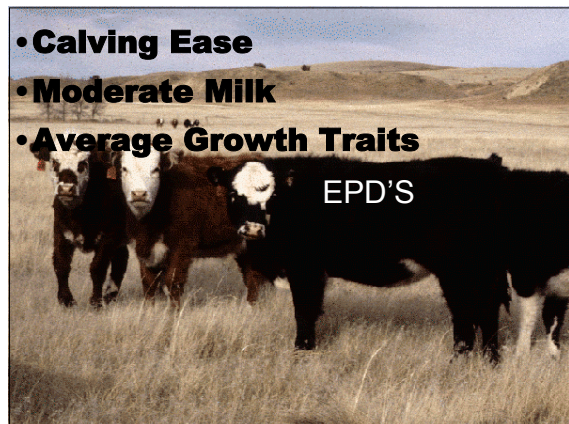
Year	% Bulls Home Raised
1996	5%
2001	16%
2002	60%
2007	68%
2009	95%

## Integrating Information

Ranch Records  
Observation  
Comparisons

- **Calving Ease**
- **Moderate Milk**
- **Average Growth Traits**

EPD'S





### Quinn Calves ~ 2005

Pen A: Cut Bulls AI Sired  
Pen B: Steers Calves QCC Bulls



- Health
- Feed Efficiency
- ADG
- Carcass Merit



### Getting The Data – any year

- 6 Close Outs
- 15 Sorted Market Groups
- 15 Carcass Data Groups
  - 65-95% of Cattle Fed



### Interpreting Information

- Obtaining
- Interpreting
- Implementing
- Validating
- Evaluating

### Implementation

- Selection of AI Sires
  - Maternal
  - Performance
- Mating
- Culling



### 2009 Comparison Feedlot performance

In Wt	Group	ADG	DM Con	Sale Wt
677	AI Sired	3.39	6.45	1270
650	QCC Sired	3.42	6.26	1264

### Evaluating BO77 Composite Purchased Heifer Herd Bull

Above Average Females  
35 Feedlot Steers  
CH to CH-  
821 HCW  
13.0 REA \*\*

**\*\*Needs Improvement**

### Open Bred Heifers 2009

- HCW 846
- REA 14.3
- Choice

### Evaluation Would Indicate

- Improved REA & HCW & Quality Grade
- Continue to Evaluate Feed Conversion
- Mine deeper into the carcass information
- Continue to use the experts for evaluation
- Hold steady instead of hover

