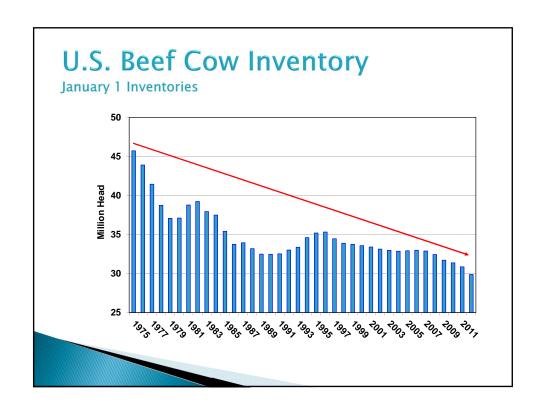
Standardized Performance Analysis (SPA) for Decision Making

August 8, 2012 2012 Beef Cattle Shortcourse College Station, Texas

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The Beef/Cattle Industry

- Beef competes with other proteins
 - Will always be one of the most expensive
- Unique because of the phases within the industry
 - Cow-calf
 - · Asset Intensive
 - · Labor Intensive
 - Stocker
 - Margin Business
 - Feedlots
 - · Margin Business
 - Packer
 - · Margin Business
 - Retail
- ► The Beef Industry players compete within their phases.



"It's all a big wheel and one broken spoke breaks the wagon down."



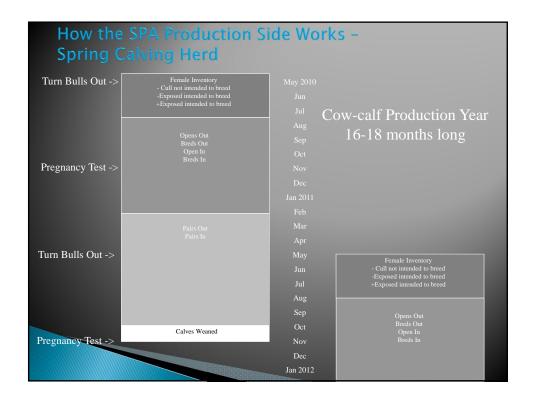
Minnie Lou Bradley Bradley 3 Ranch Memphis, Texas The best tool we have to establish baselines and then analyze cow-calf operations is the IRM Beef Cow-calf Standardized Performance Analysis (SPA)

IRM-SPA Program

- National Program endorsed by the NCBA in 1991
- Objectives
 - Identify areas of an operation needing change in order to fulfill owner's objectives.
 - Determine annual COP and ROA for an operation.
 - Develop Regional Databases to establish production and financial benchmarks.

Beef Cattle SPA Program

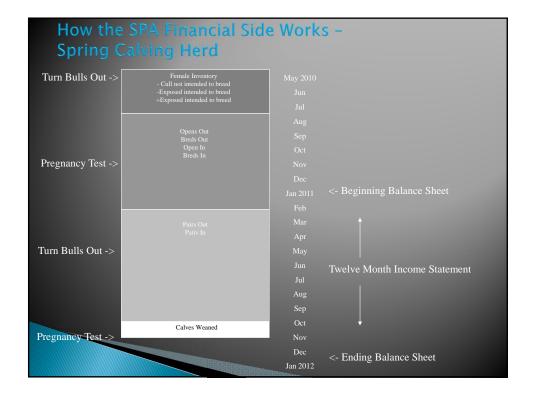
- Facilitates the comparison of an operation's performance between years, groups of producers, production regions and production systems.
- Texas and the Texas Rolling Plains has led this endeavor.
- Completed on an individual basis.
- Annual workshops are held to assist ranchers with the analysis.



SPA Production Results

- ▶ Rainfall Data
- Acres/Female
- Breeding Season Length
- Pounds Feed Fed
- Average Prices Rec'd
 - All Calves
 - Steers
 - Heifers
 - Culls
- Pounds per Acre

- Pregnancy Percentage
- Pregnancy Loss
- Calving Percentage
- Calving Death Loss
- Weaning Percentage
- Calving Distribution
- Age at Weaning
- Pounds produced per Female
- Weaning Weights



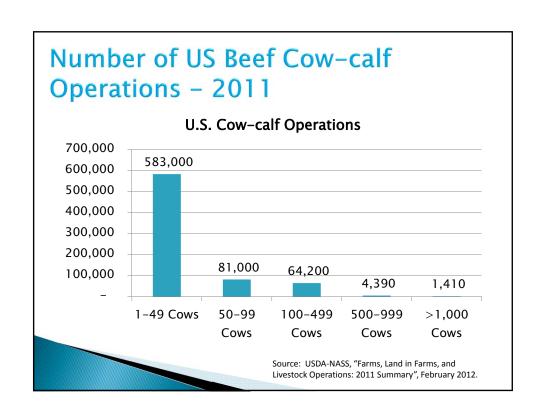
SPA Financial Results

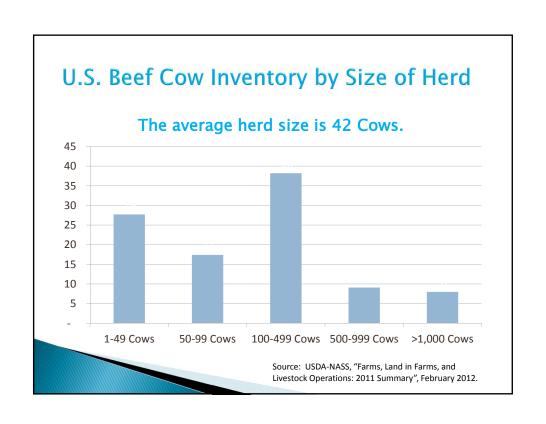
- Investment per FemaleCost Basis
 - Market Basis
- Debt per Female
- Feed Costs per Female & Cwt.
- Grazing Costs per Female & Cwt.
- Finance Costs per Female & Cwt.
- Total Costs per Female & Cwt.

- Breakeven Price per pound of weaned calf
- Rate of Return on Assets
 - Cost Basis
 - Market Basis
- Percentage Breakdown of each cost item.

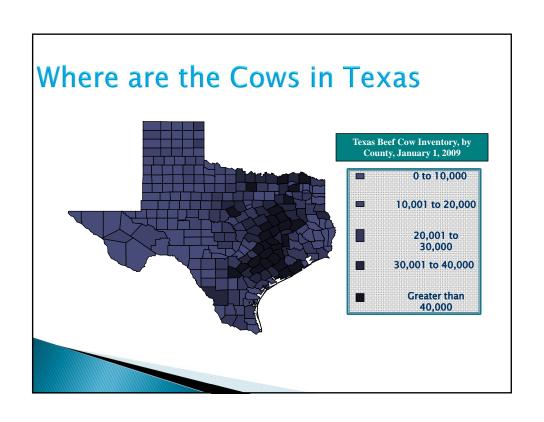
Beef Cattle SPA Program Results

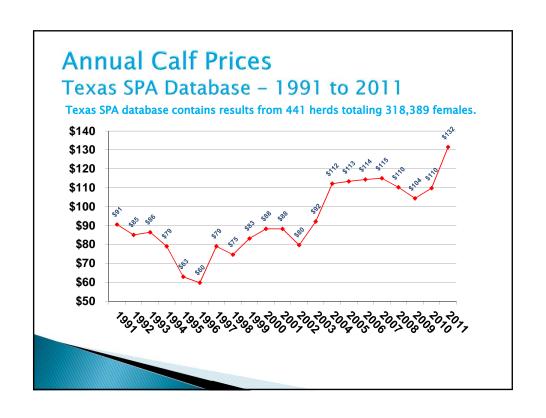
- ▶ Two Primary Comparisons
 - · Comparison with a regional database average
 - What is the ranch's strengths and weakness compared to the regional average.
 - Track the same operation over time.
 - · Where is the ranch going?
 - Is it getting there?

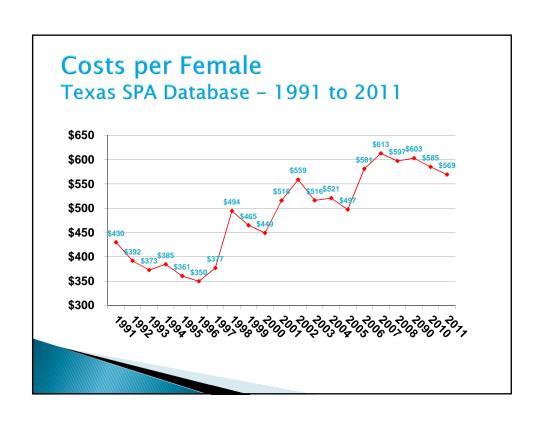


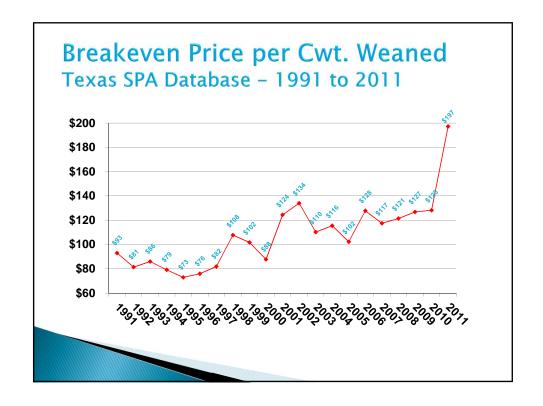






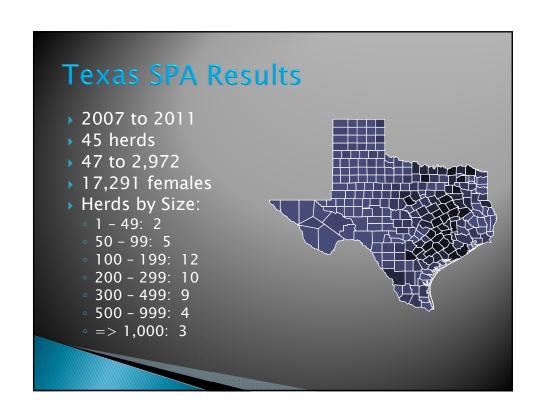


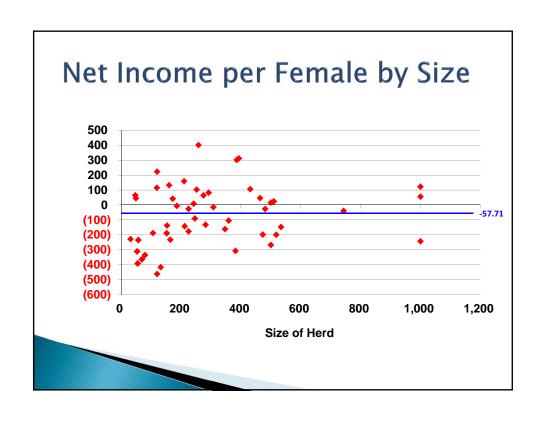


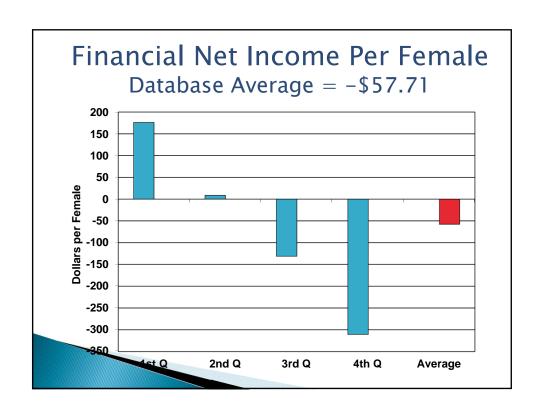


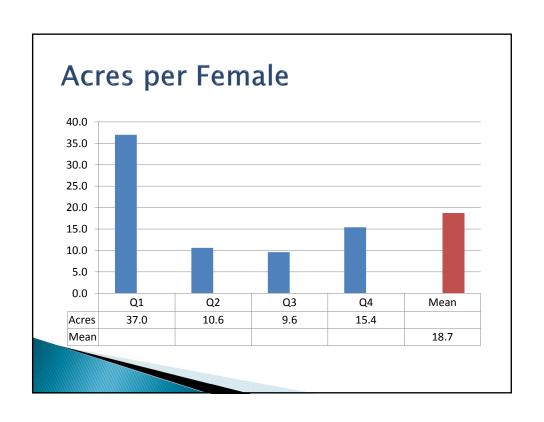
What is Cow-calf Owners goals?

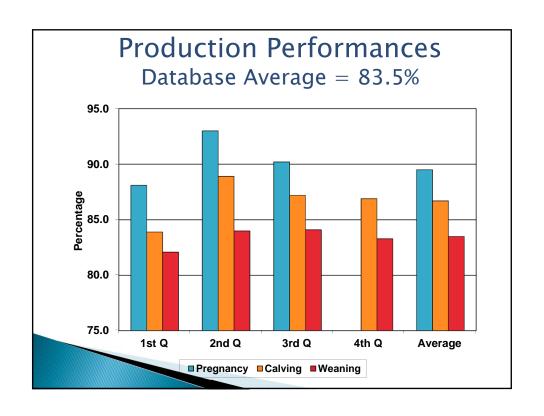
- 1. Pay property taxes (I just like cows)
- 2. Breakeven (I just like cows, but I don't necessarily need the money)
- 3. Be Profitable (If I don't make money, I have to find something else to do)
- 4. Genetic progression (I plan to have the "best performing" cattle)

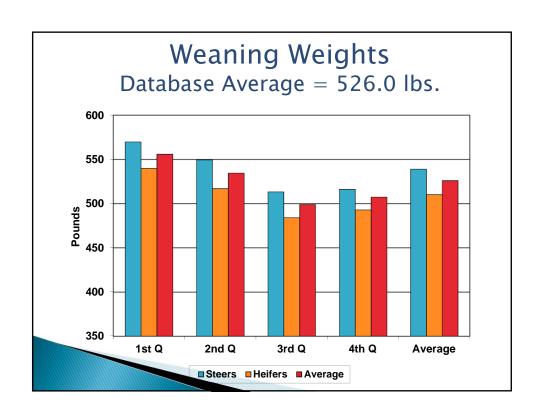


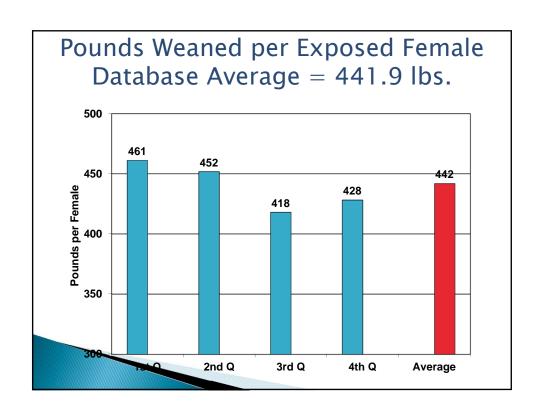


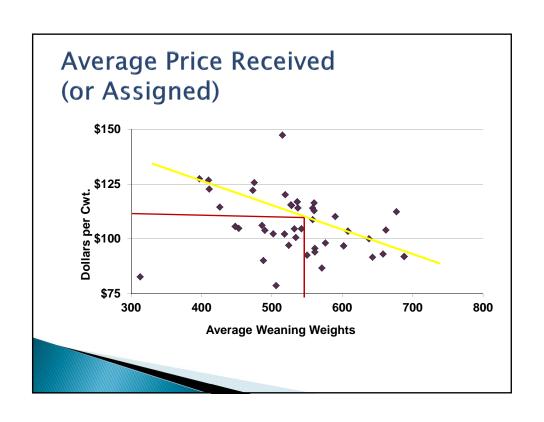


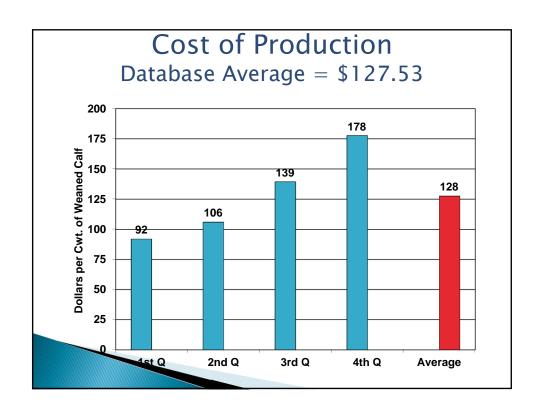


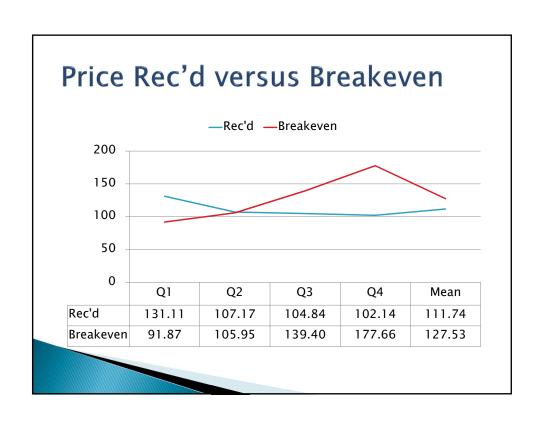


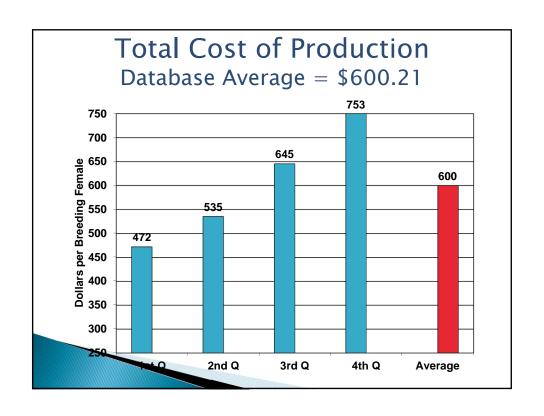


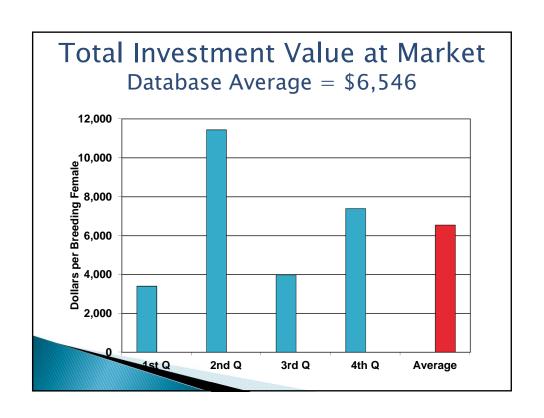


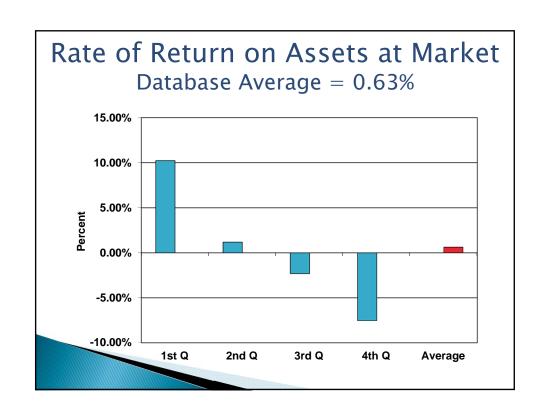


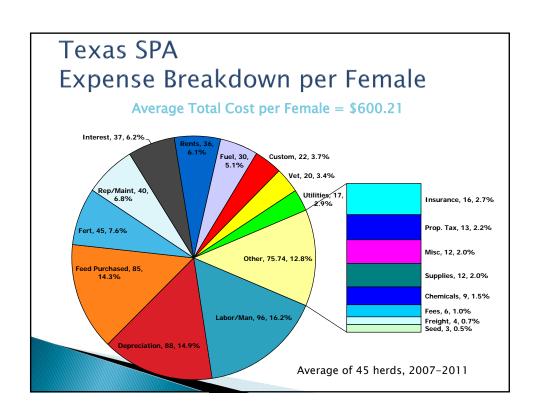












Reproduction Goals for Texas

- Pregnancy Rate: Greater than 91.0%
 - This includes all females
 - Including
 - 1st calf heifers
 - · 2nd calf heifers
- ▶ Calving Rate: Greater than 88.0%
- Weaning Percentage: Greater than 84.0%
- Your management determines these.
- Any less than these, you need to figure out why. Where is the loss occurring?
- Any more than these may cost too much.

Production Goals for Texas

- Average Weaning Weights of all calves: 530 pounds.
- While your management determines this to a degree (ie. Genetics, etc.), mother nature can always trump you (ie. Rainfall after calving).
- Combine this will an 84% weaning percentage, then pounds per female will be 445 pounds.

Production Efficiencies

- Are you stocked right for you land resources?
 - Affects reproduction, weaning weights, feed costs,
 etc
 - Remember, if she doesn't get bred, everything else that follows is an expense with no income to offset it.
- Are my females "sized" right?
- Are your females weaning an appropriate weighted calf annually for your resources?

Financial Goals for the Texas

- ▶ Total Costs should be \$500 to \$575.
- Top three expenses (Depreciation, Labor & Management, and Feed Purchased) should account for at least 45% of your total expense (\$225 to \$260 per female).
- That gives you \$\$275 to \$315 for everything else.
- Ask yourself: Is this _____ that I am considering purchasing going to improve my reproduction and/or production efficiency?
 - Feed
 - Labor (save one more calf)
 - New pickup

Other Comments

- ▶ This drought will end sometime, then calf prices should be very good.
- Expansion will come, but it will be very slow, probably won't begin until 2015.
- In the meantime, this industry (above the cow-calf sector) has some downsizing to do.

Questions and/or Comments



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