# Southwest Cow-Calf SPA Key Measures Summary (Last 5 Years)

**States:** NM  OK  TX;  **Regions:** all regions;  **Years:** 2006  2007  2008  2009  2010  
**Producers:** all producers;  **Enterprises:** all enterprises;  **Number of Herds:** 78;  **Herd Sizes:** from 31 to 5,560;  **Total Cows:** 36,377

## Production Measures

<table>
<thead>
<tr>
<th>Herd Related Measures</th>
<th>Average</th>
<th><strong>Weighted Average</strong></th>
<th>***Standard Deviation (+/-)</th>
<th>****Coef. of Variation(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pregnancy percentage*</td>
<td>89.4</td>
<td>88.7</td>
<td>5.8</td>
<td>7</td>
</tr>
<tr>
<td>Calving percentage</td>
<td>85.4</td>
<td>81.9</td>
<td>8.6</td>
<td>10</td>
</tr>
<tr>
<td>Calving death loss based on exposed females</td>
<td>3.3</td>
<td>2.4</td>
<td>3.1</td>
<td>96</td>
</tr>
<tr>
<td>Calf crop or weaning percentage</td>
<td>82.1</td>
<td>79.5</td>
<td>8.7</td>
<td>11</td>
</tr>
<tr>
<td>Actual weaning weight, steers and bulls</td>
<td>538.4</td>
<td>514.4</td>
<td>83.0</td>
<td>16</td>
</tr>
<tr>
<td>Actual weaning weight, heifers</td>
<td>510.0</td>
<td>485.2</td>
<td>73.7</td>
<td>14</td>
</tr>
<tr>
<td>Average weaning weight</td>
<td>525.1</td>
<td>500.2</td>
<td>78.0</td>
<td>15</td>
</tr>
<tr>
<td>Pounds weaned per exposed female</td>
<td>433.8</td>
<td>400.4</td>
<td>91.0</td>
<td>21</td>
</tr>
</tbody>
</table>

## Other Physical Performance Measures

- **Raised feed acres per exposed female**: 0.3
- **Grazing feed acres per exposed female**: 20.6
- **Pounds weaned per acre utilized by the cow-calf enterprise**: 48.9

## Pay Weight Prices Per Cwt.

- **Weaned calf pay weight price - steers/bulls**: $113.23
- **Weaned calf pay weight price - heifers**: 110.94
- **Weaned calf pay weight price - weighted average**: 112.28

## Financial Measures

### Investment and Returns (ROA)

| Total Investment Per Breeding Cow - cost basis | $3,356 | $2,904 | $4,090 | 122 |
| Percent Return on Assets - cost basis         | 0.63 % | 1.51 % | 10.20 % | 1,608 |
| Total Investment Per Breeding Cow - market value | $6,822 | $5,315 | $7,537 | 110 |
| Percent Return on Assets - market value        | 0.99 % | 1.62 % | 8.39 % | 844 |

### Financial Performance

- **Raised/Purchased Feed Cost per cow**: $136.16
- **Grazing Cost per cow**: $89.55
- **Total Cost Before Noncalf Revenue Adjustment per cow**: $587.73
- **Total Cost Before Noncalf Revenue Adjustment per cwt**: 135.21
- **Total Cost Noncalf Revenue Adjusted per cow**: 545.65
- **Total Cost Noncalf Revenue Adjusted per cwt - Unit Cost**: 124.84
- **Net Income After Withdrawals per cow**: -45.87
- **Net Income After Withdrawals per cwt**: -11.91

### Economic Performance

- **Total Cost Noncalf Revenue Adjusted per cow**: $658.07
- **Total Cost Noncalf Revenue Adjusted per cwt - Unit Cost**: 150.01
- **Net Income After Withdrawals per cow**: -158.28
- **Net Income After Withdrawals per cwt**: -37.08

*Based on pregnancy tested herds.  **Weighted averages are calculated on number of breeding cows.  
***Standard deviation measures variability; 68% of the herds fall within one standard deviation (+/-) of the average.  
****Coefficient of Variation is the standard deviation expressed as a % of the average.  
*****Measures are calculated on a pretax basis.

Thursday, October 20, 2011