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# ***Representative Farms Economic Outlook for the December 2007 FAPRI/AFPC Baseline***

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**AFPC Working Paper 07-3**

**December 2007**

## **Agricultural and Food Policy Center The Texas A&M University System**



# **AFPC**

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**REPRESENTATIVE FARMS ECONOMIC  
OUTLOOK FOR THE DECEMBER 2007  
FAPRI/AFPC BASELINE**

AFPC Working Paper 07-3

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## EXECUTIVE SUMMARY

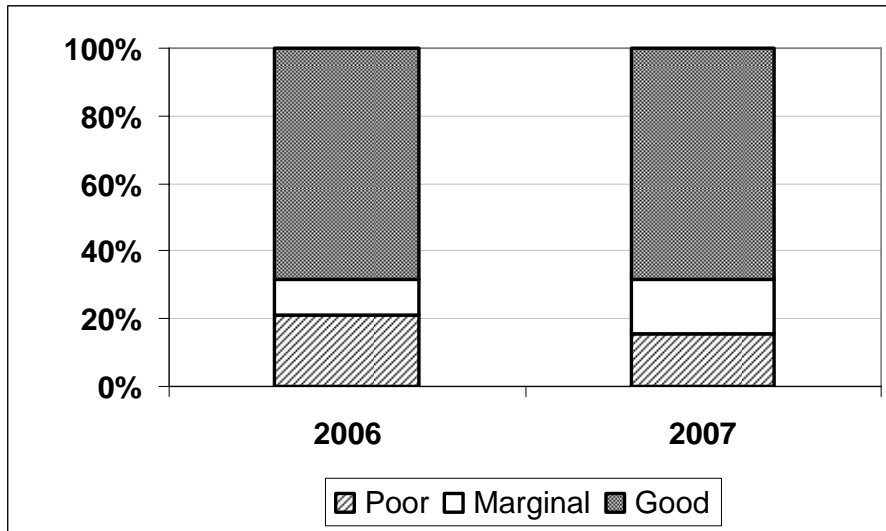
The Agricultural and Food Policy Center (AFPC) at Texas A&M University develops and maintains data to simulate 99 representative crop, dairy, and livestock operations in major production areas in 28 states. The chief purpose of this analysis is to project those farms' economic viability by region and commodity for 2007 through 2012. The data necessary to simulate the economic activity of these operations is developed through ongoing cooperation with panels of agricultural producers in each of these states. The Food and Agricultural Policy Research Institute (FAPRI) provided projected prices, policy variables, and input inflation rates in their December 2007 Baseline.

Under the December 2007 Baseline, 22 of the 64 crop farms are considered in good liquidity condition (less than a 25 percent chance of negative ending cash in 2012). Eight crop farms have between a 25 percent and a 50 percent likelihood of negative ending cash. The remaining 34 crop farms have greater than a 50 percent chance of negative ending cash. Additionally, 38 of the 64 crop farms are considered in good equity position (less than a 25 percent chance of decreasing real net worth during the study period). Eight crop farms have between a 25 percent and 50 percent likelihood of losing real net worth, and 18 crop farms have greater than a 50 percent probability of decreasing real net worth. The following discussion provides an overall evaluation by commodity considering both liquidity and equity measures.

- **FEEDGRAIN FARMS:** Thirteen of the 19 feedgrain farms are in good overall financial condition. Three are classified in marginal condition, and three are in poor condition.
- **WHEAT FARMS:** Six of the 11 wheat farms are classified in good financial condition, five are marginal, and none are in poor condition.
- **COTTON FARMS:** Three of the 20 cotton farms are classified in good condition, four are in marginal condition, and thirteen are in poor condition. Also, eight of these farms have more than a 50 percent chance of losing real net worth by 2012.
- **RICE FARMS:** Five of the 14 rice farms are in marginal overall financial condition, and nine farms are projected to be in poor financial condition through 2012.
- **DAIRY FARMS:** Twenty of the 23 dairy farms are in good overall financial condition. Two are considered to be in marginal condition, and one is in poor condition.
- **BEEF CATTLE RANCHES:** Six of the 12 cattle ranches are classified in good financial condition, five are classified in marginal condition, and one is projected to be in poor condition.

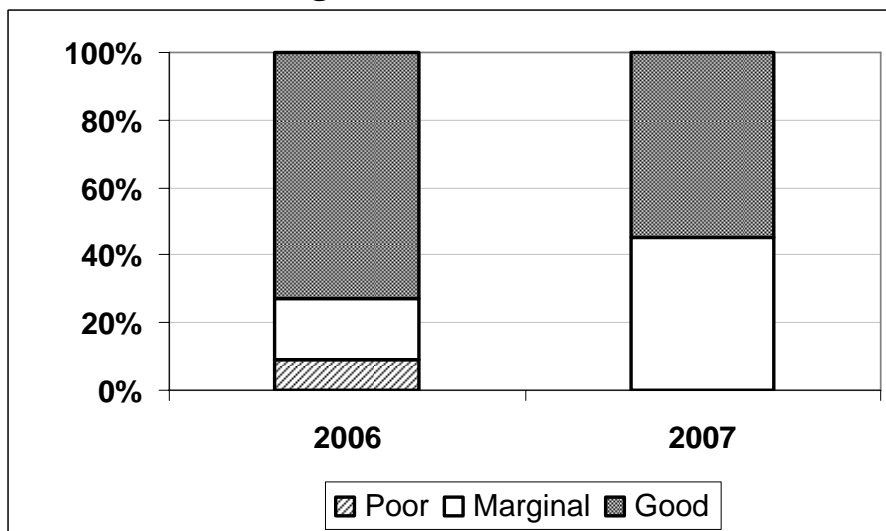
**Comparison of Projected Overall Economic Viability of Representative Farms, Dairies, and Ranches Between December 2006<sup>1</sup> and December 2007<sup>2</sup> FAPRI/AFPC Baselines**

**Figure 1. Feedgrain Farms**



- Corn prices are projected to peak at \$3.49/bu in 2009 and fall to \$3.37/bu in 2007. Soybean prices are projected to peak at \$8.73/bu in 2008 and fall to \$8.60/bu in 2012.
- The 2007 baseline shows a continued improvement in financial viability of representative feedgrain farms with less than 20% in the *poor* category.

**Figure 2. Wheat Farms**

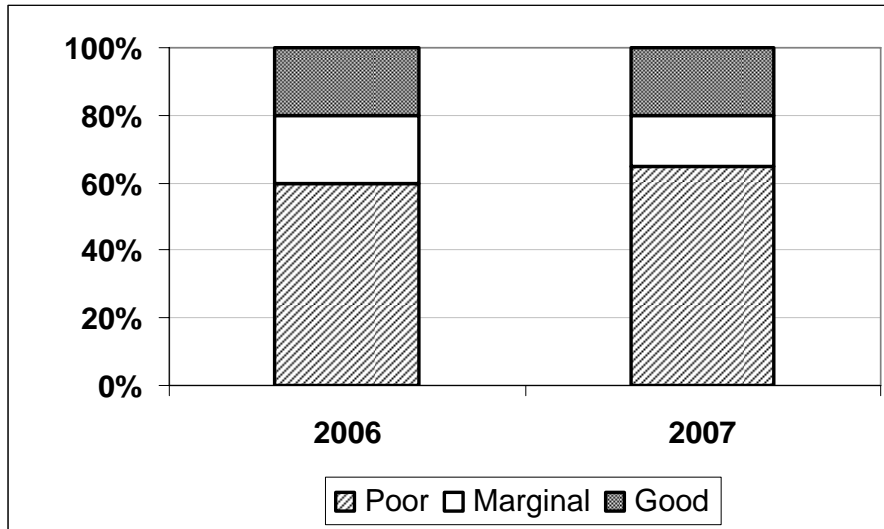


- Wheat prices are projected to fall from a high of \$6.00/bu in 2007 to a low of \$4.09/bu in 2008 and then average around \$4.47/bu the remainder of the period.
- The 2007 baseline results in an increase in the percentage of farms classified as *marginal*.

<sup>1</sup> Projected overall economic viability for December 2006 Baseline is based on a 2006-2011 study period.

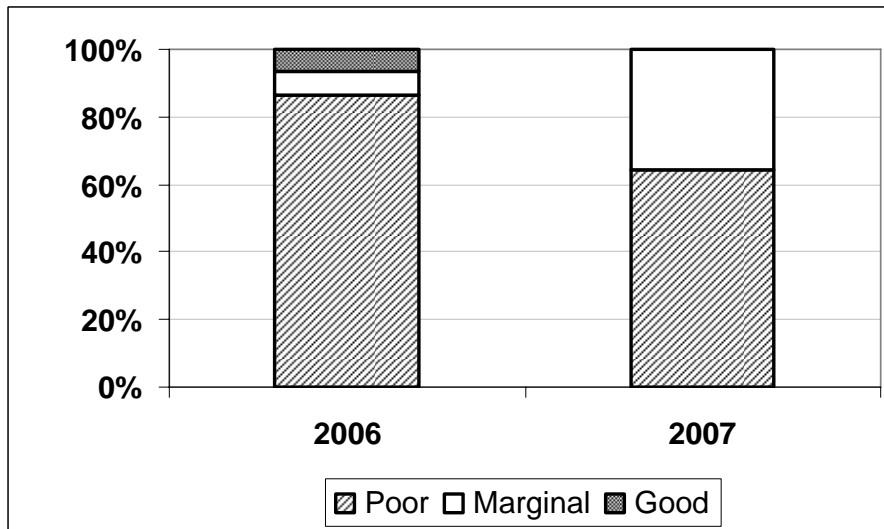
<sup>2</sup> Projected overall economic viability for December 2007 Baseline is based on a 2007-2012 study period.

**Figure 3. Cotton Farms**



- The 2007 baseline results in a slight decrease in the financial viability of the representative cotton farms.
- Cotton prices rise well above the loan rate, reaching \$0.61/lb. in 2008/09 and remaining around \$0.60 throughout the rest of the projection period.

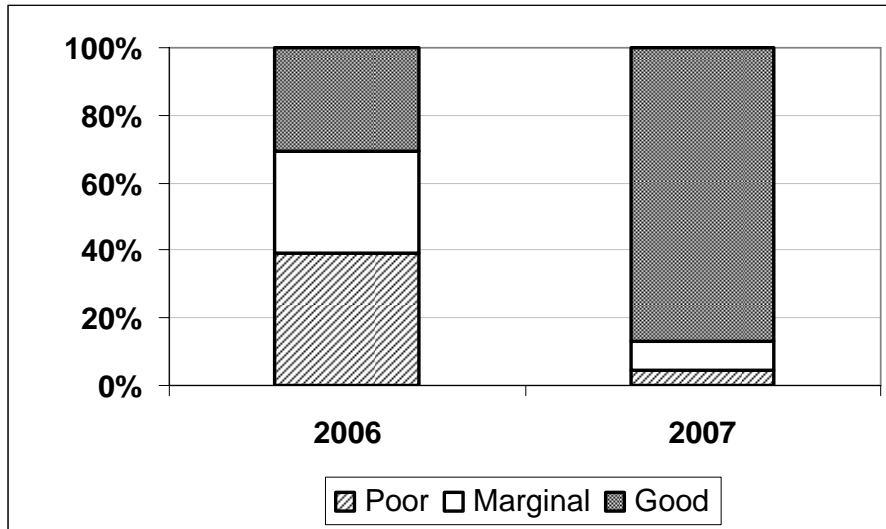
**Figure 4. Rice Farms**



- The majority of representative rice farms continue to be classified as *poor*.
- Increases in projected prices under the December 2007 Baseline were significant enough to shift some farms from *poor* to *marginal*.

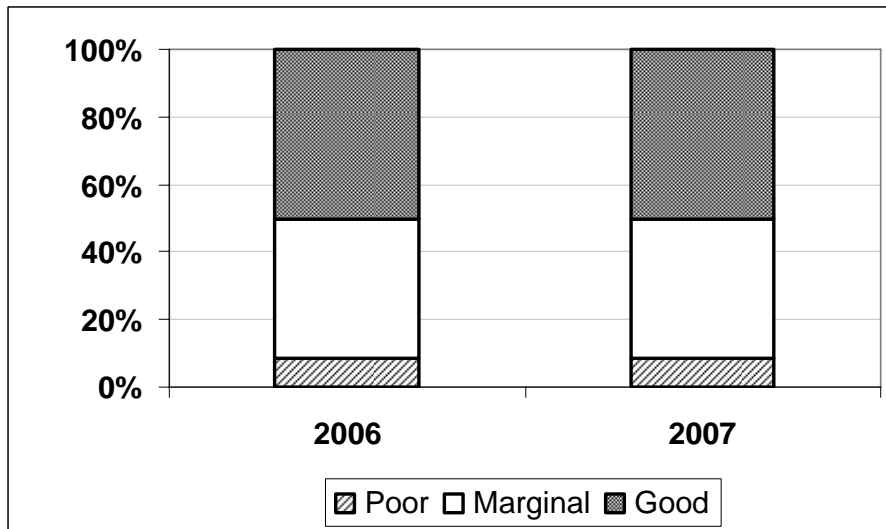


**Figure 5. Dairies**



- Projected increases in feed prices are offset by relatively high milk prices resulting in an increase in the financial viability of the representative dairies.
- Milk prices are projected to fall from a high of \$19.10/cwt in 2007 to a low of \$16.66 in 2012; however, these prices are significantly higher than the 2006 baseline projections.

**Figure 6. Ranches**



- Higher cattle price projections helped offset increases in expenses leaving the percentage of ranches classifies as *good* at 50%.
- Although feedgrain price projections have risen, tighter U.S. cattle supplies coupled with increasing exports of U.S. beef have contributed to higher projected cattle prices versus the 2006 baseline.

## **REPRESENTATIVE FARMS ECONOMIC OUTLOOK FOR THE DECEMBER 2007 FAPRI/AFPC BASELINE**

The farm level economic impacts of the Farm Security and Rural Investment Act of 2002 (2002 Farm Bill) on representative crop, dairy, and livestock operations are projected in this report. The analysis was conducted over the 2007-2012 planning horizon using FLIPSIM, AFPC's whole farm simulation model. Data to simulate agricultural operations in the nation's major production regions came from two sources:

- Producer panel cooperation to develop economic information to describe and simulate representative crop, livestock, and dairy farms.
- Projected prices, policy variables, and input inflation rates from the Food and Agricultural Policy Research Institute (FAPRI) December 2007 Baseline.

The FLIPSIM policy simulation model incorporates the historical risk faced by agricultural producers for prices and production. This report presents the results of the December 2007 Baseline in a risk context using selected simulated probabilities and ranges for annual net cash farm income values. The probability of a farm experiencing a negative ending cash balance and the probability of a farm losing real net worth are included as indicators of the cash flow and equity risks facing producers through the year 2012.

This report is organized into ten sections. The first section summarizes the process used to develop the representative farms and the key assumptions utilized for the farm level analysis. The second section summarizes the FAPRI December 2007 Baseline and the policy and price assumptions used for the representative farm analyses. The third through sixth sections present the results of the simulation analyses for feed grain, wheat, cotton, and rice farms. The seventh and eighth sections summarize simulation results for dairy and cattle. Two appendices constitute the final sections of the report. Appendix A provides tables to summarize the physical and financial characteristics for each of the representative farms. Appendix B provides the names of producers, land grant faculty, and industry leaders who cooperated in the panel interview process to develop the representative farms.

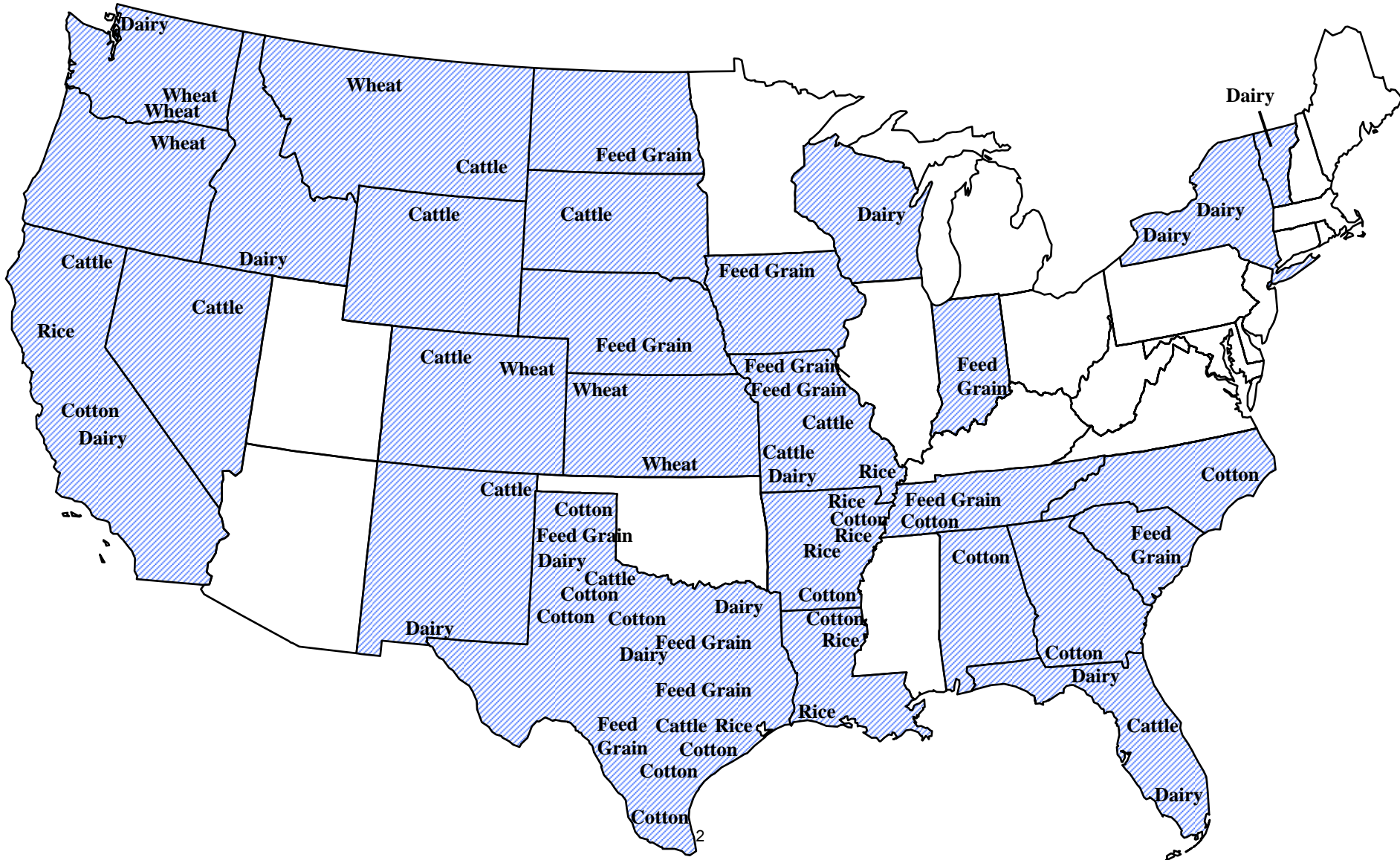
### **Panel Process**

AFPC has developed and maintains data to simulate 99 representative crop farms, dairies, and livestock operations chosen from major production areas across the United States (Figure 7). Characteristics for each of the operations in terms of location, size, crop mix, assets, and average receipts are summarized in Appendix A. The locations of these farms are primarily the results of discussions with staffers for the U.S. House and Senate Agriculture Committees. Information necessary to simulate the economic activity on these representative farms is developed from panels of producers using a consensus-building interview process. Normally two farms are developed in each region using separate panels of producers: one is representative of moderate size full-time farm operations, and the second panel usually represents farms two to three times larger.

The data collected from the panel farms are analyzed in the whole farm simulation model (FLIPSIM) developed by AFPC. The producer panels are provided pro-forma financial statements for their representative farm and are asked to verify the accuracy of simulated results for the past year and the reasonableness of a six-year projection. Each panel must approve the model's ability to reasonably reflect the economic activity on their representative farm prior to using the farm for policy analyses.

All farms used in the analysis have been updated through panel discussions since June 2003, with the majority being updated in the last two years. All of the crop farms are assumed to begin 2005 with 20 percent intermediate-term and long-term debt. Initial debt levels in 2005 for dairy farms were set at 30 percent and initial debt levels for beef cattle ranches were 1 percent for land and 5 percent for cattle and machinery. The debt levels the farms have at the outset of 2005 are based on a stratified tabulation of the ERS-USDA Farm

# Figure 7. Representative Farms and Ranches



Cost and Returns Survey for 2004 (using the survey data for moderate to large size farms in states where AFPC has representative farms), and panel member input.

### **Key Assumptions of Report**

- All farms classified as moderate scale are the size (acres or number of livestock) considered to be representative of a majority of full-time commercial farming operations in the study area. In many regions, a second farm two to three times larger than the moderate scale farm is developed as an indicator of size economies.
- The farm level simulation model incorporates price and yield risk faced by farmers. Historical yield variability for crops and production for livestock (sale weights, birth rates, and milk per cow) over the past ten years are assumed to prevail for the planning horizon. Random crop, livestock and milk prices are simulated using the December 2007 Baseline by FAPRI as the forecast of average prices. Prices reflect national price volatility caused by international production and demand as well as U.S. production risk.
- Historical crop yields (2006) were held constant based on actual values obtained from the producers. Crop yields for 2007-2012 were simulated stochastically based on the average yields provided by the producers and the historical yield variability for the farm. Prices were held constant at producer-provided values for 2006. FAPRI's December 2007 Baseline prices were localized for the farms and used as the average prices for 2007-2012 to simulate stochastic crop and livestock prices.
- Dairy and beef cattle herd sizes are held constant for all farms over the 2007-2012 planning horizon.
- The farms were structured so government payment limits were not effective at reducing direct, counter-cyclical, or loan deficiency payments.
- The farm is subject to owner/operator federal (income and self-employment) and applicable state income taxes as a sole proprietor, based on the current income tax provisions.
- No off-farm-related income, including family employment, was included in the analyses. Therefore, the farm reflects only the ability of the farm to provide for family living and capital replacement.
- Farm program parameters, average annual prices, crop and livestock yield trends, interest rates, and input cost inflation (deflation) are based on the December 2007 FAPRI Baseline which assumes continuation of the 2002 Farm Bill through 2012.
- Direct payments for participating cotton, wheat, feed grain, oilseed, and rice producers are made based on 85 percent of their historical base acreage times direct payment yield times a direct payment rate. The direct payment rate is included in the December 2007 FAPRI Baseline.
- Marketing loan provisions for cotton, rice, wheat, feed grains, soybeans, sunflowers, and dry peas were authorized in the 2002 Farm Bill and are assumed to be in place for the farm level analysis.
- Counter-cyclical payments are triggered by marketing year prices included in the December 2007 FAPRI Baseline.
- The milk support price remains at \$9.90/cwt. through 2012.
- Actual average loan deficiency payment (LDP) rates in the counties where the representative farms are located are used for 2006.
- All crop farms except rice are assumed to carry Multi-Peril Crop Insurance (MPCI) at the 65/100 level.

## **New and Updated Crop Farms, Dairies, and Ranches Since the August 2007 Baseline Update**

Since publication of the August 2007 AFPC Representative Farms Baseline Update, no new representative operations have been added to the national farm set. The following five farms have been updated:

- |          |  |
|----------|--|
| CAB500   | The ranch size remained the same at 500 head, but the amount of land owned and leased changed. The ranch now owns 5,000 acres and rents 5,000 acres. The ranch also rents 2,000 AUM's on federal land. |
| FLB1155  | Minor changes to some expenses were made. The ranch size and structure remained the same.  |
| FLND550  | The dairy size remained the same at 550 milking head. Replacement heifer strategy and breeding program were modified slightly to reflect changing practices in the area.                               |
| FLSD1500 | The dairy size remained the same at 1,500 milking head. Replacement heifer strategy, cattle housing, and breeding program were modified slightly due to changing practices in the area.                |
| TXBR1800 | No change in total farm size. The machinery list was changed to reflect the purchases of used tractors instead of new ones.  |

## FAPRI December 2007 Baseline

Projected crop prices for FAPRI's December 2007 Baseline are summarized in Table 1. In general, crop price projections tend to be higher than they were in the August 2007 Baseline. Soybean and rice price projections increased most substantially. Individual crop prices are projected to move as follows:

- Corn prices are expected to stay in a relatively tight range starting at \$3.26/bu in 2007, reaching a high of \$3.49/bu in 2009, and declining to \$3.37/bu by 2012.
- Wheat prices spike to \$6.00/bu in 2007, and return to a range of \$4.09/bu to \$4.48/bu for the remainder of the planning horizon.
- Cotton prices are now expected to peak at \$0.6302/lb in 2008, and then stay at or above \$0.6085/lb through 2012.
- Rice prices are expected to remain at or above \$10.52/cwt throughout the planning horizon, peaking at \$11.23/cwt in 2012.
- Sorghum prices are expected to remain relatively stable, ranging between \$3.13/bu and \$3.37/bu between 2007 and 2012.
- Soybeans are expected to range between \$8.36/bu and \$8.73/bu during the planning horizon.
- The U.S. all hay prices are expected to peak at \$121.34/ton in 2007, and stay above \$111.00/ton through 2012.

Assumed loan rates and direct payment rates are reported in Table 1, and reflect the rates authorized in the 2002 Farm Bill. All payment rates are assumed to remain constant at 2006 levels for 2007 through 2012.

Projected livestock prices and state and national milk prices for FAPRI's December 2007 Baseline are presented in Table 2. Beef cattle price projections are generally lower than they were in the August 2007 Baseline. Feeder cattle prices are now expected to drop below \$100/cwt by the end of the planning horizon. Fat cattle price projections are also lower. Specifically, classes of cattle and milk prices are projected to move as follows:

- Feeder cattle prices are projected to reach a high of \$116.95/cwt in 2008 and decrease to \$99.79/cwt by 2012.
- Fed cattle prices are expected to range between \$84.83/cwt and \$93.78/cwt.
- Cull cow prices peak at \$53.50/cwt in 2008, decreasing to \$48.37/cwt by 2012.
- The U.S. all milk price projections have been increased, and are expected to reach a high of \$19.10/cwt in 2007 and then decrease to \$16.66/cwt by 2012.

Projected annual rates of change for variable cash expenses are summarized in Table 3. The rate of change in input prices comes from FAPRI's December 2007 Baseline. Based on projections from Global Insight, annual interest rates paid for intermediate-term and long-term loans, and interest rates earned on savings are also reported in Table 3. Assumed annual rates of change in land values over the 2007-2012 period were provided by the FAPRI Baseline and are projected to range between 2.41% and 13.68% per year.

**Table 1. FAPRI December 2007 Baseline Projections of Crop Prices, Loan Rates, and Direct Payment Rates, 2005-2012**

	2005	2006	2007	2008	2009	2010	2011	2012
<b>Crop Prices</b>								
Corn (\$/bu.)	2.00	3.04	3.26	3.28	3.49	3.41	3.42	3.37
Wheat (\$/bu.)	3.42	4.26	6.00	4.09	4.46	4.40	4.47	4.48
Cotton (\$/lb.)	0.4770	0.4650	0.5655	0.6302	0.6204	0.6213	0.6147	0.6085
Sorghum (\$/bu.)	1.86	3.29	3.23	3.13	3.37	3.32	3.37	3.35
Soybeans (\$/bu.)	5.66	6.43	8.61	8.73	8.36	8.66	8.47	8.60
Barley (\$/bu.)	2.53	2.85	3.82	3.55	3.69	3.58	3.59	3.52
Oats (\$/bu.)	1.63	1.87	2.20	2.23	2.32	2.30	2.31	2.29
Rice (\$/cwt.)	7.65	9.74	11.03	10.52	10.60	11.03	10.99	11.23
Soybean Meal (\$/ton)	166.12	195.95	229.68	217.05	201.35	200.91	200.00	203.60
All Hay (\$/ton)	98.20	110.00	121.34	113.96	111.60	111.85	113.09	114.63
Peanuts (\$/ton)	346	354	421.92	482.86	460.26	470.75	461.44	463.31
<b>Loan Rates</b>								
Corn (\$/bu.)	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
Wheat (\$/bu.)	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
Cotton (\$/lb.)	0.5200	0.5200	0.5200	0.5200	0.5200	0.5200	0.5200	0.5200
Sorghum (\$/bu.)	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95
Soybeans (\$/bu.)	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Barley (\$/bu.)	1.85	1.85	1.85	1.85	1.85	1.85	1.85	1.85
Oats (\$/bu.)	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
Rice (\$/cwt.)	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50
Peanuts (\$/ton)	355.00	355.00	355.00	355.00	355.00	355.00	355.00	355.00
<b>Direct Payment Rates</b>								
Corn (\$/bu.)	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Wheat (\$/bu.)	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Cotton (\$/lb.)	0.0667	0.0667	0.0667	0.0667	0.0667	0.0667	0.0667	0.0667
Sorghum (\$/bu.)	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
Soybeans (\$/bu.)	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
Barley (\$/bu.)	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Oats (\$/bu.)	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Rice (\$/cwt.)	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
Peanuts (\$/ton)	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00

Source: Food and Agricultural Policy Research Institute (FAPRI) at the University of Missouri-Columbia and Iowa State University.

**Table 2. FAPRI December 2007 Baseline Projections of Livestock and Milk Prices, 2005-2012**

	2005	2006	2007	2008	2009	2010	2011	2012
<b>Cattle Prices</b>								
Feeder Cattle (\$/cwt)	120.11	117.68	115.95	116.95	111.26	106.82	103.65	99.79
Fed Cattle (\$/cwt)	87.28	85.41	91.85	93.78	89.92	87.91	86.09	84.83
Culled Cows (\$/cwt)	54.36	47.56	52.24	53.50	50.36	49.03	48.56	48.37
<b>Milk Prices -- National and State</b>								
All Milk Price (\$/cwt)	15.19	12.97	19.10	17.75	17.17	16.90	16.73	16.66
California (\$/cwt)	13.92	11.58	17.72	16.68	16.17	15.93	15.76	15.68
Florida (\$/cwt)	18.60	15.90	22.15	20.84	20.08	19.77	19.59	19.54
Idaho (\$/cwt)	14.00	11.80	17.92	16.44	15.93	15.67	15.52	15.47
Missouri (\$/cwt)	15.50	13.30	19.52	18.13	17.48	17.20	17.04	16.98
New Mexico (\$/cwt)	14.30	12.10	18.27	16.86	16.24	15.97	15.80	15.74
New York (\$/cwt)	15.90	13.40	19.63	18.25	17.59	17.30	17.12	17.05
Texas (\$/cwt)	15.30	13.30	19.47	18.07	17.44	17.16	16.99	16.93
Vermont (\$/cwt)	16.00	13.70	19.93	18.56	17.89	17.60	17.42	17.35
Washington (\$/cwt)	14.90	12.60	19.03	17.64	16.99	16.71	16.52	16.44
Wisconsin (\$/cwt)	15.60	13.30	19.30	17.79	17.32	17.07	16.94	16.89

Source: Food and Agricultural Policy Research Institute (FAPRI) at the University of Missouri-Columbia and Iowa State University.



**Table 3. FAPRI December 2007 Baseline Assumed Rates of Change in Input Prices, Annual Interest Rates, and Annual Changes in Land Values, 2006-2012**

	2006	2007	2008	2009	2010	2011	2012
<b>Annual Rate of Change for Input Prices Paid</b>							
Seed Prices (%)	8.33	5.59	3.91	3.62	2.38	1.83	1.66
All Fertilizer Prices (%)	5.70	4.17	5.78	8.44	1.94	-1.34	-1.17
Herbicide Prices (%)	6.03	5.32	3.76	2.56	1.42	1.17	1.26
Insecticide Prices (%)	-0.69	-0.08	1.29	0.88	0.89	1.65	1.76
Fuel and Lube Prices (%)	10.65	6.42	2.87	1.60	1.40	-0.46	-0.97
Machinery Prices (%)	5.20	4.07	2.55	1.51	0.79	0.96	1.35
Wages (%)	3.64	2.97	2.05	1.96	2.42	2.61	2.78
Supplies (%)	7.03	5.31	5.27	5.19	3.09	2.15	1.84
Repairs (%)	2.05	3.20	2.79	2.35	2.46	2.49	2.53
Services (%)	4.55	3.93	2.22	2.04	1.39	1.02	1.11
Taxes (%)	5.19	7.07	4.82	4.00	2.60	2.24	1.58
PPI Items (%)	5.04	5.86	2.53	2.19	1.58	0.56	0.56
PPI Total (%)	4.96	5.92	2.60	2.50	1.84	0.90	0.88
<b>Annual Change in Consumer Price Index (%)</b>	3.24	2.67	1.84	1.76	1.92	1.79	1.77
<b>Annual Interest Rates</b>							
Long-Term (%)	7.45	7.88	8.13	8.72	9.05	9.20	9.32
Intermediate-Term (%)	6.03	6.38	6.59	7.06	7.33	7.44	7.55
Savings Account (%)	2.07	2.19	2.26	2.42	2.51	2.55	2.59
<b>Annual Rate of Change for U.S. Land Prices (%)</b>	15.15	13.68	8.60	3.75	2.41	2.62	2.92

Source: Food and Agricultural Policy Research Institute (FAPRI) at the University of Missouri-Columbia and Iowa State University.

## Definitions of Variables in the Summary Tables

- **Overall Financial Position, 2007-2012** -- As a means of summarizing the representative farms' economic efficiency, liquidity, and solvency position, AFPC classifies each farm as being in either a good, marginal or poor position. AFPC assumes a farm is in a good financial position when it has less than a 25 percent chance of a negative ending cash balance and a less than 25 percent chance of losing real net worth. If the probabilities of these events are between 25 and 50 percent the farm is classified as marginal. A probability greater than 50 percent places the farm in a poor financial position.
- **Change in Real Net Worth, 2007-2012** -- Annualized percentage change in the operator's net worth from January 1, 2007 through December 31, 2012, after adjusting for inflation. This value reflects the real annualized increase or decrease in net worth or equity for the farm over the planning horizon including changes in real estate values.
- **Net Income Adjustment (NIA) to Maintain Real Net Worth, 2007-2012** -- NIA is the annual change in net cash farm income necessary to insure the farm maintains its real net worth during 2007-2012. A positive NIA indicates the additional annual net income needed to maintain real net worth. A negative NIA indicates the annual loss in net income the farm can endure and still maintain real net worth.
- **Net Income Adjustment (NIA) for Zero Ending Cash Balance in 2012** -- NIA is the loss in annual net cash farm income a farm can withstand and have a zero ending cash balance in 2012. A positive NIA indicates the annual increase in receipts necessary for a zero ending cash balance, while a negative NIA indicates the annual decrease in receipts that results in a zero ending cash balance.
- **Government Payments/Receipts, 2007-2012** -- Sum of all farm program payments (counter-cyclical, direct, marketing loan gains/loan deficiency payments, and milk income loss contract (MILC) payments) divided by total receipts received from the market plus counter-cyclical, direct, and marketing loan gains/loan deficiency payments, crop insurance indemnities, and other farm related receipts.
- **Total Cash Receipts** -- Sum of annual cash receipts from all sources, including market sales, counter-cyclical and direct payments, marketing loan gains/loan deficiency payments, crop insurance indemnities, and other farm related receipts.
- **Government Payments** -- Sum of annual counter-cyclical payments, direct payments, and marketing loan gains/loan deficiency payments for crops and the milk income loss contract (MILC) program payment for dairy farms. Also included are lump sum disaster payments for livestock.
- **Net Cash Farm Income** -- Equals total cash receipts minus all cash expenses. Net cash farm income is used to pay family living expenses, principal payments, income taxes, self employment taxes, and machinery replacement costs. The values in the tables are the averages for each year in the planning horizon.
- **Probability of Negative Ending Cash Balance** -- Is the number of times out of 100 that the farm's ending cash reserves before borrowing are less than zero. This probability is reported for each year to indicate how the cash flow risk for the farm changes over the planning horizon.
- **Ending Cash Reserves** -- Equals total cash on hand at the end of the year. Ending cash equals beginning cash reserves plus net cash farm income and interest earned on cash reserves less principal payments, federal taxes (income and self employment), state income taxes, family living withdrawals, and actual machinery replacement costs (not depreciation).
- **Nominal Net Worth** -- Equity at the end of each year equals total assets including land minus total debt from all sources. Nominal net worth is not adjusted for inflation and averages are reported for each year in the planning horizon.
- **Probability of Decreasing Real Net Worth Over 2005-2012** -- Is the number of times out of 100 that real net worth at the end of 2012 is less than real net worth at the start of 2005.



# Figure 8. Representative Farms Producing Feed Grains and Oilseeds

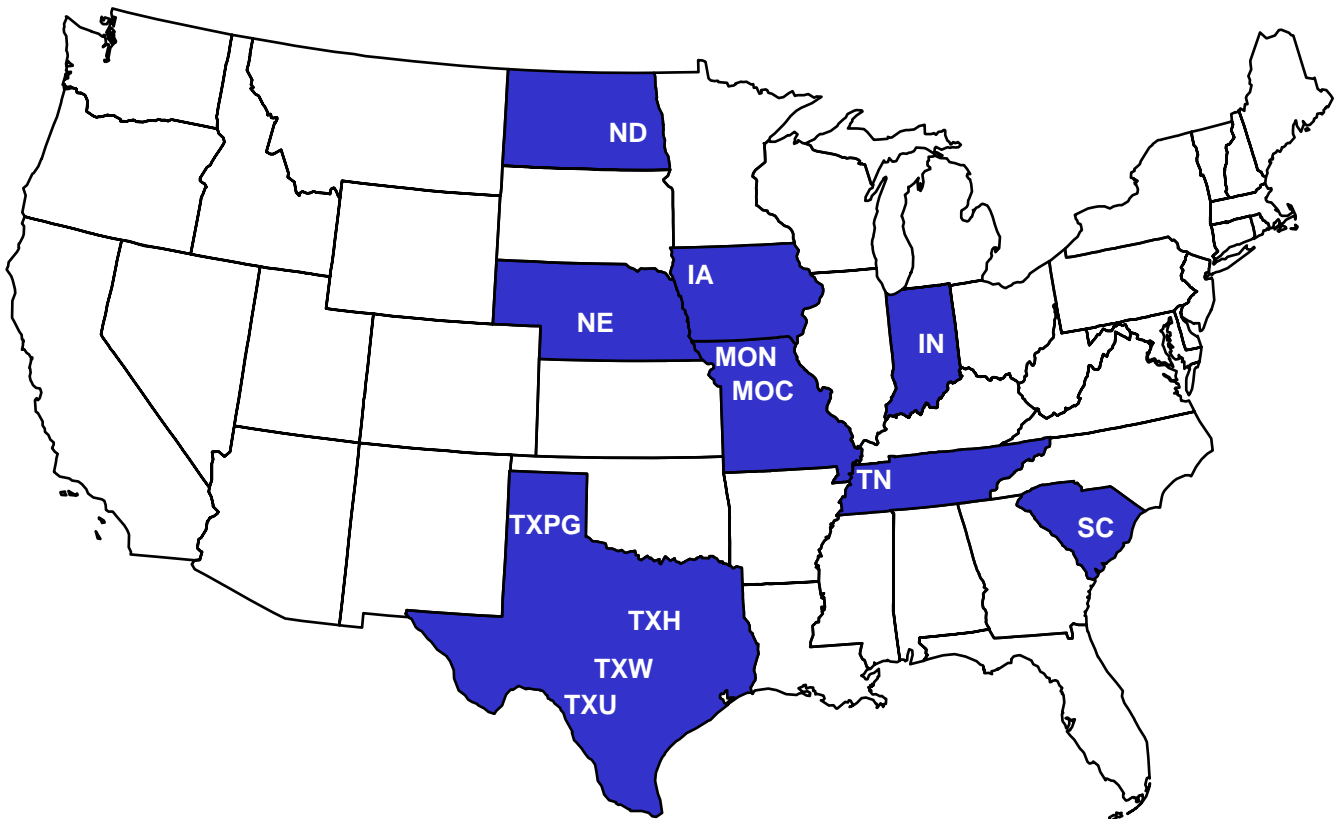


Table 4. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Feed Grains and Oilseeds.

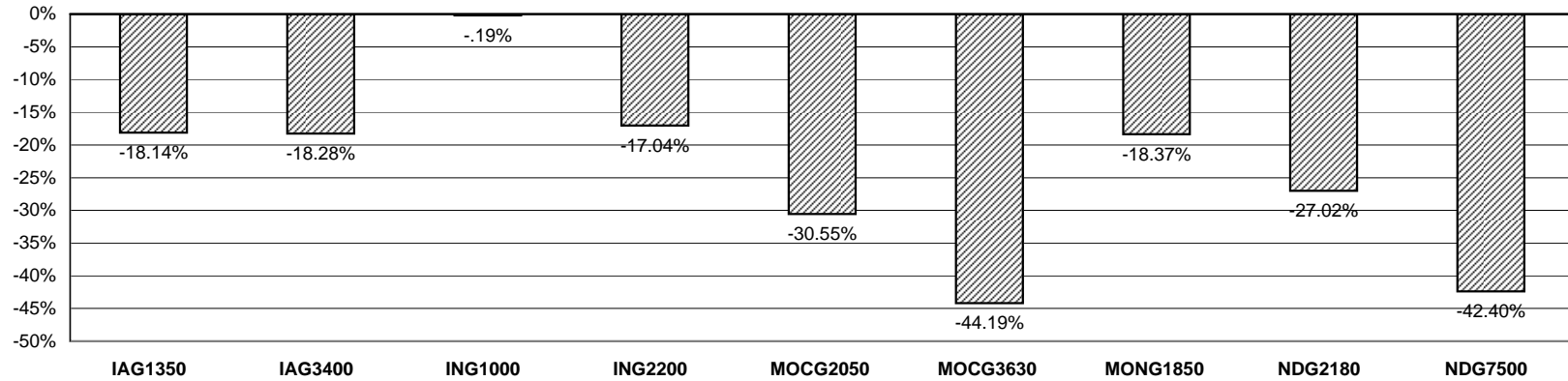
	IAG1350	IAG3400	NEG1960	NEG4300	NDG2180	NDG7500	MOCG2050	MOCG3630	MONG1850
<b>Overall Financial Position</b>									
2007-2012 Ranking	Good	Good	Good	Good	Good	Good	Good	Good	Good
<b>Change Real Net Worth (%)</b>									
2007-2012 Average	8.65	7.68	8.91	9.74	16.61	12.34	7.91	9.32	6.75
<b>NIA to Maintain Real Net Worth (%/Rec.)</b>									
	-29.19	-34.25	-27.57	-28.61	-30.48	-45.61	-66.67	-68.09	-49.53
<b>NIA for Zero Ending Cash Balance (%/Rec.)</b>									
	-18.14	-18.28	-22.46	-21.26	-27.02	-42.40	-30.55	-44.19	-18.37
<b>Govt Payments/Receipts (%)</b>									
2007-2012 Average	8.11	8.09	7.71	7.44	6.64	7.11	7.27	6.92	6.20
<b>Cost to Receipts Ratio (%)</b>									
2007-2012 Average	68.30	64.50	65.78	65.44	58.88	51.52	47.98	44.27	62.30
<b>Total Cash Receipts (\$1000)</b>									
2005	534.62	1,343.79	970.53	2,070.93	404.26	2,144.86	605.10	1,004.71	819.44
2006	602.52	1,489.53	1,231.45	2,388.11	474.60	2,071.81	726.32	1,210.63	785.13
2007	695.96	1,720.45	1,302.71	2,684.33	668.03	2,826.65	870.20	1,448.07	934.52
2008	704.30	1,740.37	1,293.02	2,666.12	658.12	2,708.89	882.55	1,456.29	985.50
2009	725.50	1,794.03	1,345.14	2,749.46	667.04	2,810.64	907.58	1,503.90	983.71
2010	727.61	1,798.88	1,334.68	2,721.88	659.60	2,832.02	929.92	1,538.47	963.57
2011	743.42	1,838.25	1,385.52	2,801.71	712.65	2,934.59	950.76	1,574.59	991.71
2012	742.85	1,836.80	1,347.21	2,767.48	663.73	2,841.83	958.27	1,587.43	966.14
2007-2012 Average	723.28	1,788.13	1,334.71	2,731.83	671.53	2,825.77	916.55	1,518.12	970.86
<b>Government Payments (\$1000)</b>									
2005	110.34	288.53	213.62	401.94	55.76	302.96	101.74	166.48	121.29
2006	48.35	117.47	419.54	788.62	26.37	108.68	53.08	78.95	51.09
2007	46.60	114.94	119.22	220.56	32.66	159.86	50.42	78.85	49.15
2008	56.04	138.13	98.71	192.74	38.83	191.99	62.46	98.65	56.52
2009	56.48	139.11	99.41	194.31	40.22	205.53	63.34	99.84	58.82
2010	54.22	133.70	89.88	178.16	36.58	179.90	59.98	94.77	52.97
2011	62.40	153.87	107.29	205.14	37.44	215.60	73.80	116.83	65.26
2012	50.29	123.94	86.73	168.73	34.30	172.10	57.10	89.46	53.31
2007-2012 Average	54.34	133.95	100.20	193.27	36.67	187.50	61.18	96.40	56.00
<b>Net Cash Farm Income (\$1000)</b>									
2005	98.64	325.48	186.54	453.60	77.49	919.20	217.96	421.79	300.76
2006	154.52	435.48	414.38	697.70	135.59	813.73	324.82	598.91	252.66
2007	235.75	634.31	460.21	943.88	320.95	1,531.06	461.91	823.52	380.84
2008	239.99	640.12	434.69	910.89	308.88	1,369.18	461.72	824.82	428.20
2009	254.86	677.93	467.58	981.64	305.81	1,415.78	484.36	864.59	406.85
2010	245.59	679.88	449.26	953.02	295.56	1,409.31	505.42	883.86	385.17
2011	255.50	717.40	506.62	1,024.37	344.04	1,505.22	532.37	923.44	420.20
2012	257.48	729.74	469.60	974.73	286.71	1,412.76	524.48	923.27	396.40
2007-2012 Average	248.20	679.89	464.66	964.75	310.32	1,440.55	495.04	873.92	402.94
<b>Ending Cash Reserves (\$1000)</b>									
2005	9.98	110.70	61.25	206.22	-6.94	561.36	35.94	138.04	106.78
2006	43.42	189.56	226.12	476.11	19.94	994.21	140.68	365.16	160.81
2007	113.81	357.03	390.17	813.07	156.25	1,806.68	296.33	708.65	259.26
2008	204.64	550.78	563.98	1,162.45	304.48	2,579.78	443.35	1,109.07	430.54
2009	316.18	741.47	743.25	1,509.30	446.30	3,327.29	603.06	1,510.19	493.02
2010	397.93	925.03	889.69	1,860.90	586.21	4,009.42	786.57	1,910.57	593.24
2011	474.35	1,113.57	1,067.20	2,246.55	739.65	4,732.56	975.17	2,335.82	692.37
2012	548.95	1,336.92	1,221.74	2,610.35	838.04	5,387.53	1,092.52	2,733.38	778.48
<b>Nominal Net Worth (\$1000)</b>									
2005	1,082.78	3,665.42	1,715.95	3,922.24	551.79	4,279.94	3,555.25	4,900.22	3,510.22
2006	1,237.13	4,158.16	1,975.18	4,444.65	622.25	5,110.50	4,157.24	5,757.95	3,990.48
2007	1,469.87	4,875.70	2,314.98	5,241.84	807.53	6,371.96	4,955.47	6,932.61	4,673.89
2008	1,663.96	5,447.22	2,585.96	5,901.30	976.35	7,378.19	5,571.81	7,901.34	5,251.04
2009	1,830.74	5,858.32	2,818.05	6,473.37	1,128.74	8,265.93	6,005.89	8,622.83	5,576.48
2010	1,949.75	6,232.47	3,026.04	7,060.35	1,274.35	9,104.64	6,411.74	9,281.32	5,862.87
2011	2,075.90	6,617.18	3,273.35	7,651.69	1,443.24	10,043.29	6,834.19	10,000.37	6,187.29
2012	2,212.32	7,058.92	3,519.91	8,231.41	1,587.04	10,977.77	7,241.36	10,710.00	6,508.94
<b>Prob. of Negative Ending Cash (%)</b>									
2007	12	2	1	1	1	1	1	1	2
2008	2	1	1	1	2	1	1	1	2
2009	2	2	1	1	1	1	1	1	1
2010	1	2	1	1	1	1	1	1	1
2011	1	2	1	1	1	1	1	1	2
2012	2	2	1	1	1	1	1	1	1
<b>Prob. of Decreasing Real Net Worth Over 2005-2012 (%)</b>									
	1	1	1	1	1	1	1	1	1

Table 5. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Feed Grains and Oilseeds.

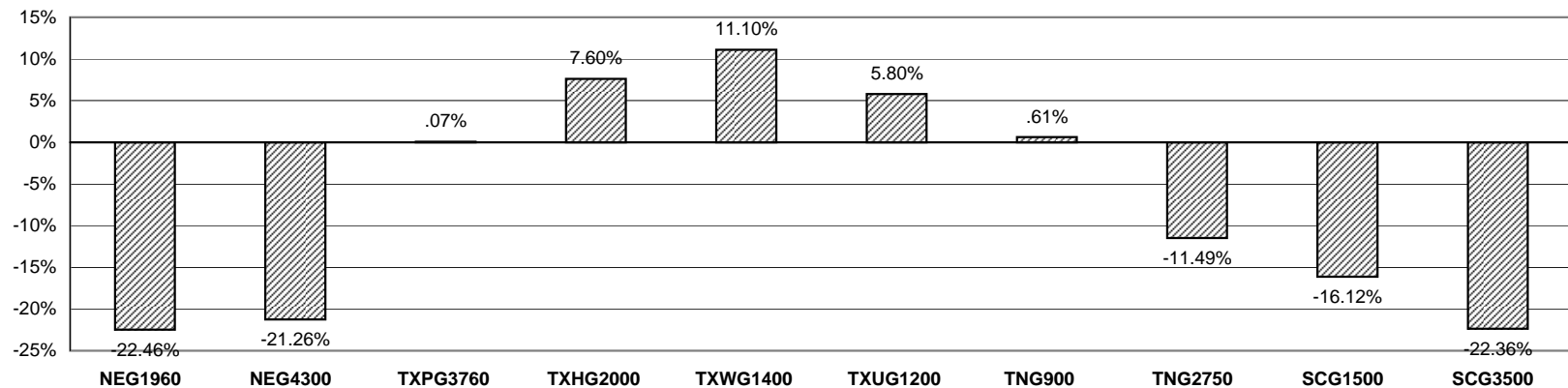
	ING1000	ING2200	TXPG3760	TXHG2000	TXWG1400	TXUG1200	TNG900	TNG2750	SCG1500	SCG3500
<b>Overall Financial Position</b>										
2007-2012 Ranking	Marginal	Good	Marginal	Poor	Poor	Poor	Marginal	Good	Good	Good
<b>Change Real Net Worth (%)</b>										
2007-2012 Average	5.23	7.00	4.48	0.69	0.53	-6.25	2.93	7.37	7.72	7.76
<b>NIA to Maintain Real Net Worth (%/Rec.)</b>										
	-31.75	-47.50	-8.69	-4.14	-4.18	5.50	-10.48	-30.43	-17.68	-38.31
<b>NIA for Zero Ending Cash Balance (%/Rec.)</b>										
	-0.19	-17.04	0.07	7.60	11.10	5.80	0.61	-11.49	-16.12	-22.36
<b>Govt Payments/Receipts (%)</b>										
2007-2012 Average	8.30	7.90	7.10	9.71	12.28	11.20	6.75	6.98	14.13	11.45
<b>Cost to Receipts Ratio (%)</b>										
2007-2012 Average	70.07	64.76	92.83	93.66	93.68	96.36	82.25	61.77	76.63	69.31
<b>Total Cash Receipts (\$1000)</b>										
2005	350.78	836.18	2,414.76	410.79	304.16	743.62	247.53	795.40	938.94	1,434.03
2006	403.43	959.97	2,583.33	502.15	353.61	707.33	297.41	942.26	875.09	1,550.69
2007	475.14	1,106.88	2,956.11	543.12	385.64	644.15	353.48	1,162.54	916.43	1,722.92
2008	479.81	1,153.48	2,863.59	537.57	382.84	678.08	355.23	1,166.20	917.46	1,616.71
2009	493.27	1,164.63	2,994.60	566.29	407.32	694.22	369.67	1,185.24	907.02	1,673.80
2010	494.61	1,170.96	2,941.95	544.45	388.94	686.73	366.52	1,189.03	916.51	1,692.84
2011	508.67	1,202.85	3,035.55	583.99	411.71	722.81	389.19	1,241.49	942.71	1,776.34
2012	501.21	1,191.80	2,997.79	554.89	392.48	700.72	373.88	1,207.99	944.90	1,745.39
2007-2012 Average	492.12	1,165.10	2,964.93	555.05	394.82	687.78	368.00	1,192.08	924.17	1,704.67
<b>Government Payments (\$1000)</b>										
2005	60.64	137.43	487.08	105.16	89.28	174.87	38.06	96.73	260.95	296.46
2006	34.19	77.07	448.07	67.35	62.04	139.58	18.10	51.80	218.14	222.93
2007	32.84	73.40	225.42	52.68	54.18	92.97	19.20	63.83	165.07	191.41
2008	39.64	89.62	206.50	50.65	47.50	76.40	24.04	81.99	126.60	187.50
2009	40.44	91.22	200.90	50.24	44.99	68.67	24.56	84.74	116.47	177.21
2010	37.75	82.54	190.28	46.24	42.79	68.32	22.12	72.95	117.96	176.63
2011	43.47	97.32	211.17	49.71	46.86	72.92	26.81	85.09	122.34	189.94
2012	35.15	80.01	187.31	46.08	42.48	67.68	20.88	69.67	119.06	168.38
2007-2012 Average	38.22	85.68	203.60	49.27	46.47	74.49	22.94	76.38	127.92	181.85
<b>Net Cash Farm Income (\$1000)</b>										
2005	51.44	169.80	38.03	-11.15	6.04	85.12	-1.02	173.89	272.86	414.48
2006	93.50	265.32	48.26	55.54	38.13	31.02	32.63	281.95	201.36	485.93
2007	154.00	395.41	380.11	79.34	55.38	27.13	76.50	484.27	250.72	629.64
2008	151.22	423.32	239.82	63.23	40.98	44.64	73.81	465.81	239.71	514.74
2009	152.99	424.60	275.38	71.61	51.84	44.09	74.93	468.86	213.28	538.18
2010	150.49	428.40	183.22	31.80	20.80	23.01	65.49	453.03	212.51	550.73
2011	167.02	464.97	259.74	65.44	38.63	45.21	88.67	510.87	235.46	632.19
2012	157.94	448.25	213.72	34.37	14.73	23.73	72.50	483.45	230.11	596.38
2007-2012 Average	155.61	430.83	258.66	57.63	37.06	34.64	75.32	477.72	230.30	576.98
<b>Ending Cash Reserves (\$1000)</b>										
2005	-27.71	23.31	-107.46	-79.67	-43.98	22.86	-60.88	-24.41	145.99	167.11
2006	-23.05	79.81	-233.51	-87.92	-47.81	-14.64	-84.30	10.29	215.65	362.31
2007	-10.26	205.73	-51.59	-90.23	-53.75	-56.54	-73.58	148.09	292.23	618.70
2008	24.20	355.50	0.11	-89.26	-67.26	-71.42	-41.55	267.46	387.14	821.95
2009	21.99	491.61	44.96	-96.16	-79.42	-98.63	-24.91	376.94	453.13	1,007.39
2010	18.34	614.71	-9.84	-147.07	-131.59	-151.90	-25.64	378.87	510.45	1,249.10
2011	21.56	755.76	21.67	-170.98	-161.93	-175.20	-7.75	504.45	585.79	1,525.23
2012	3.91	855.02	-11.24	-238.61	-233.15	-220.18	-11.69	564.65	649.86	1,769.66
<b>Nominal Net Worth (\$1000)</b>										
2005	1,527.82	3,825.00	2,727.85	802.55	547.58	234.64	689.26	2,173.68	877.82	3,925.04
2006	1,724.22	4,390.25	3,015.83	887.50	615.83	198.60	731.39	2,493.71	1,023.96	4,748.89
2007	1,996.46	5,171.36	3,652.63	991.49	693.51	163.13	815.82	2,950.57	1,197.65	5,680.67
2008	2,197.87	5,781.74	3,984.19	1,045.74	731.15	138.33	872.96	3,271.94	1,340.48	6,362.40
2009	2,309.12	6,183.63	4,184.63	1,062.57	748.79	108.83	895.44	3,519.00	1,434.95	6,820.40
2010	2,395.72	6,519.17	4,269.17	1,038.70	726.63	57.52	904.41	3,723.49	1,520.97	7,287.36
2011	2,496.47	6,899.51	4,456.09	1,044.87	729.26	34.26	934.67	3,997.56	1,633.31	7,769.49
2012	2,599.92	7,277.97	4,579.85	1,024.65	709.98	-13.72	950.46	4,217.58	1,735.68	8,244.14
<b>Prob. of Negative Ending Cash (%)</b>										
2007	61	1	51	82	86	80	86	9	1	1
2008	43	1	50	72	79	79	71	5	1	1
2009	39	1	41	67	73	81	52	6	1	1
2010	43	1	40	74	83	88	56	6	1	1
2011	39	1	47	73	85	86	51	4	1	1
2012	52	1	43	81	92	88	52	6	1	1
<b>Prob. of Decreasing Real Net Worth Over 2005-2012 (%)</b>										
	1	1	2	28	14	89	8	1	1	1

# Figure 9. Feed Grain and Oilseed Farms

Minimum Annual Percentage Change in Receipts, 2007-2012, Needed to Have a Zero Ending Cash Balance in 2012

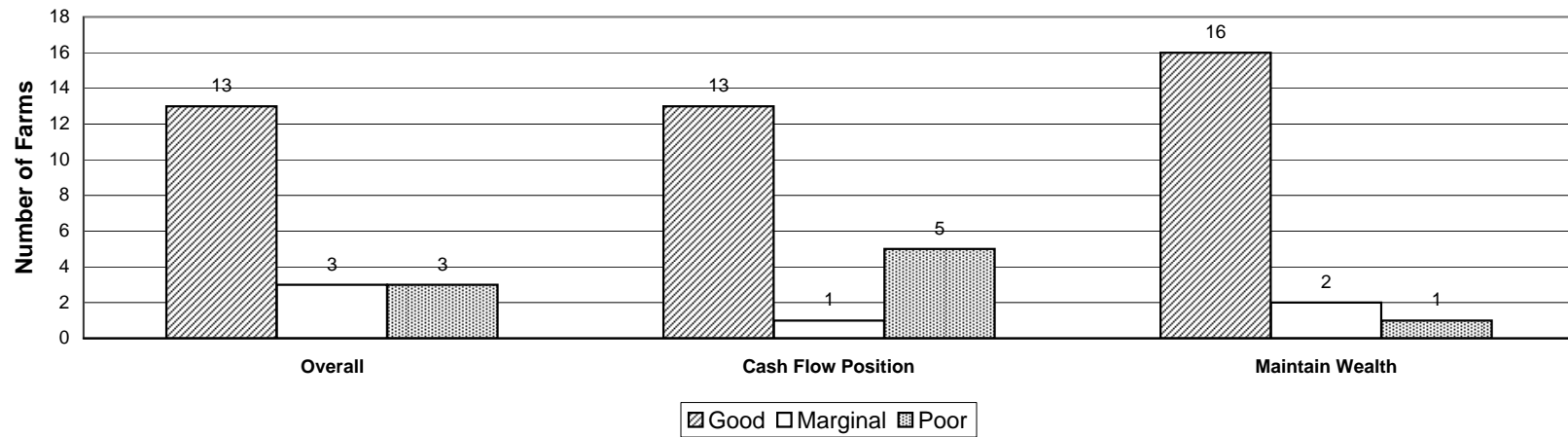


Minimum Annual Percentage Change in Receipts, 2007-2012, Needed to Have a Zero Ending Cash Balance in 2012



# Figure 10. Feed Grain and Oilseed Farms

Economic and Financial Position Over the Period, 2007-2012, for all Feed Grain and Oilseed Farms

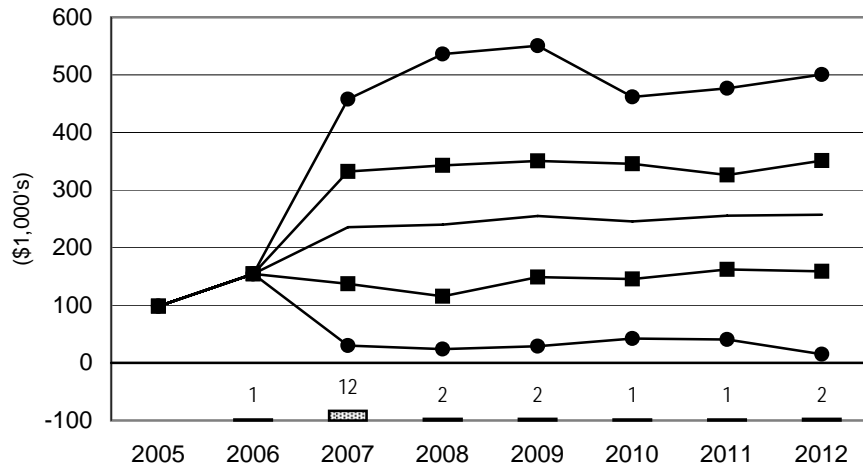




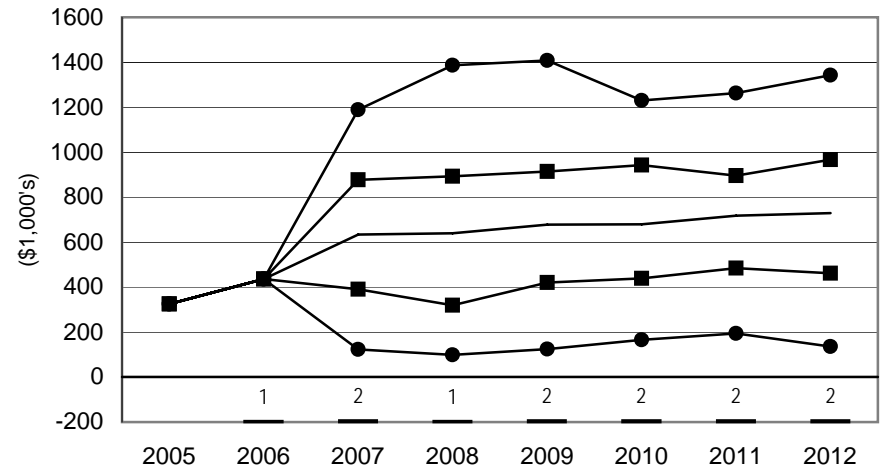
**Figure 11. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Feed Grain and Oilseed Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

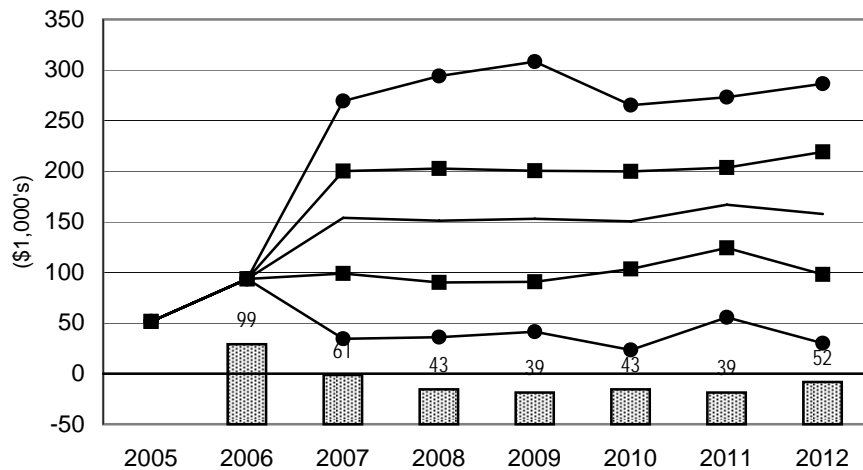
**IAG1350 Iowa Grain Farm**



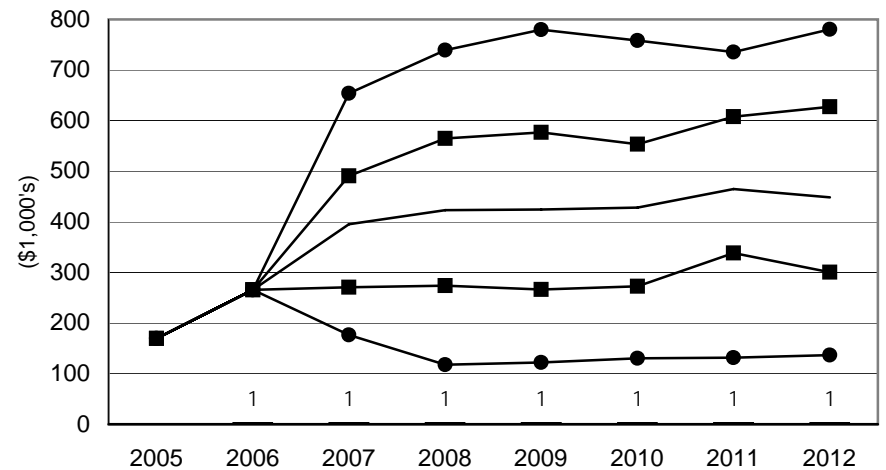
**IAG3400 Large Iowa Grain Farm**



**ING1000 Indiana Grain Farm**



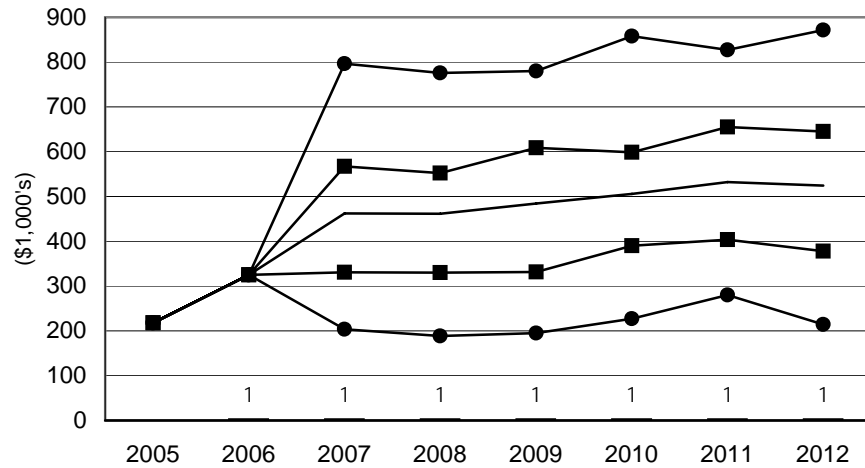
**ING2200 Large Indiana Grain Farm**



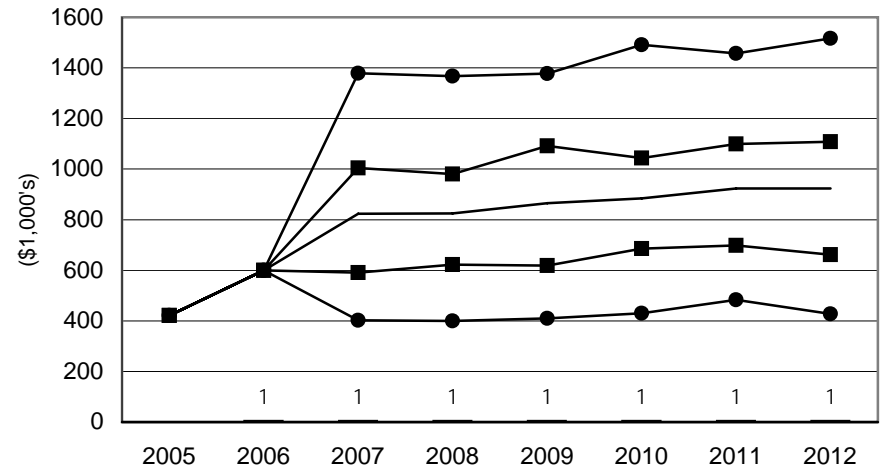
**Figure 12. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Feed Grain and Oilseed Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

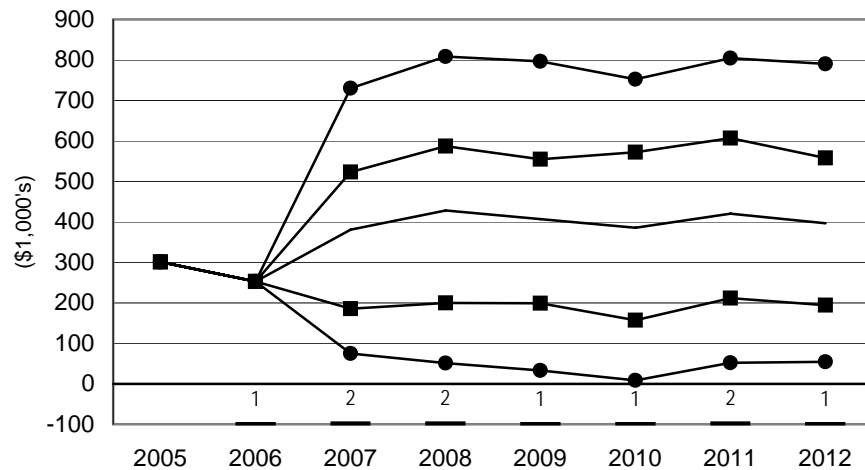
**MOCG2050 Central Missouri Grain Farm**



**MOCG3630 Large Central Missouri Grain Farm**



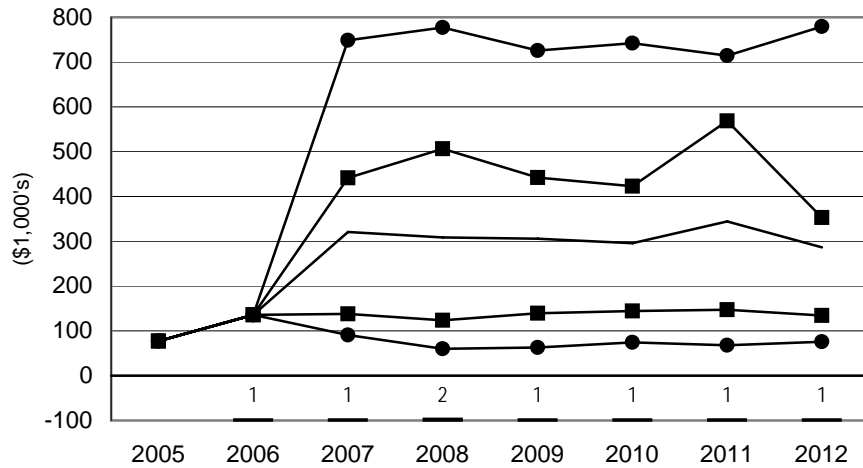
**MONG1850 Northwest Missouri Grain Farm**



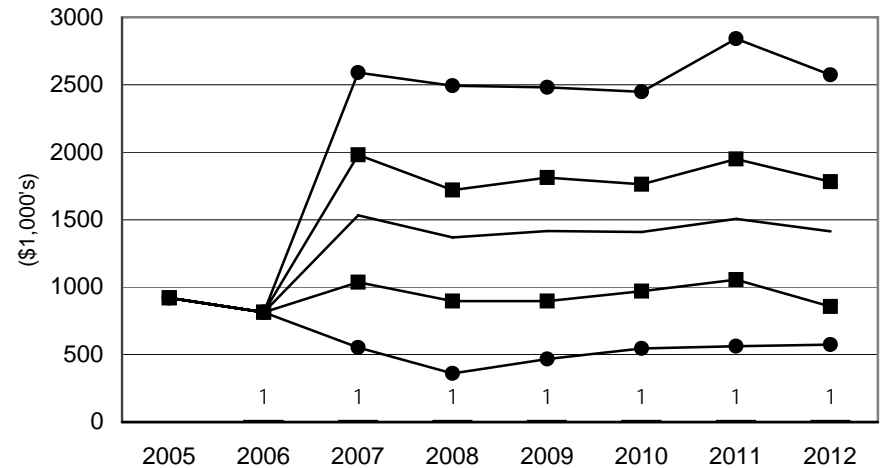
**Figure 13. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Feed Grain and Oilseed Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

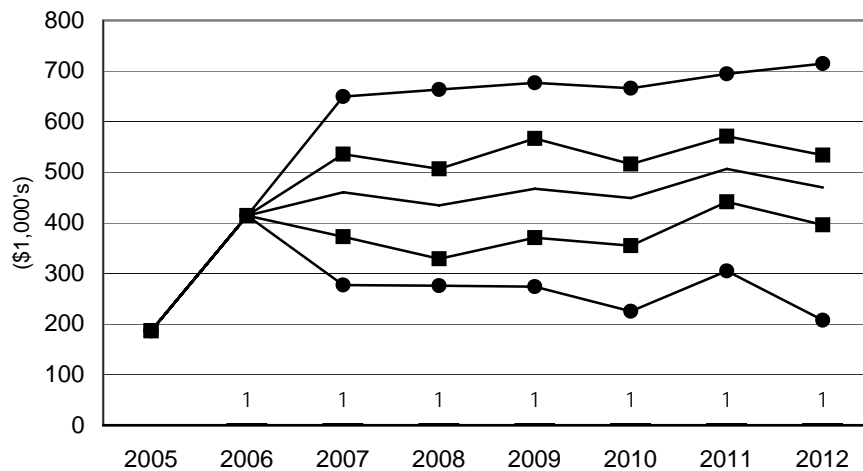
**NDG2180 North Dakota Grain Farm**



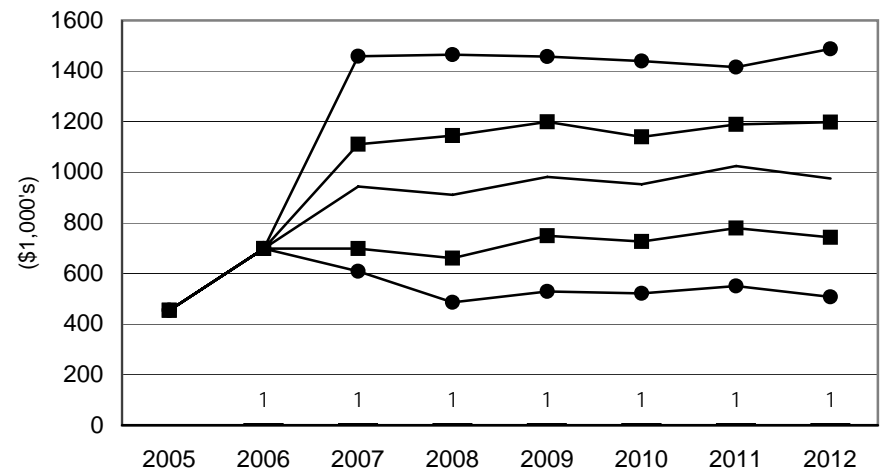
**NDG7500 Large North Dakota Grain Farm**



**NEG1960 Nebraska Grain Farm**



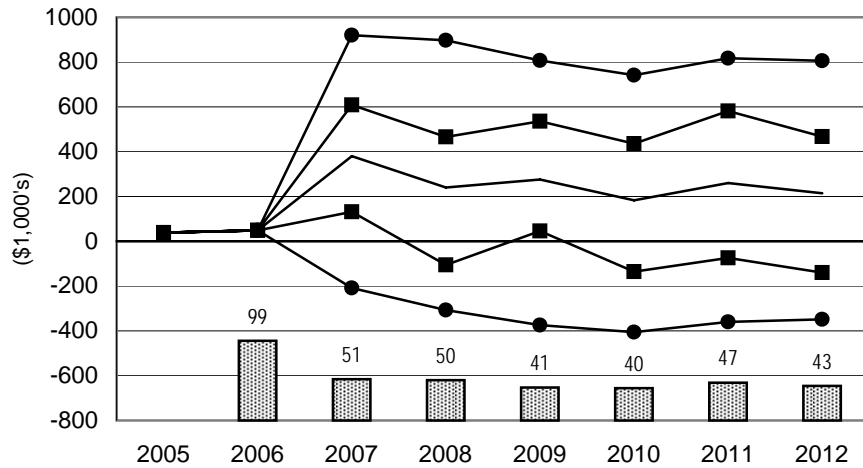
**NEG4300 Large Nebraska Grain Farm**



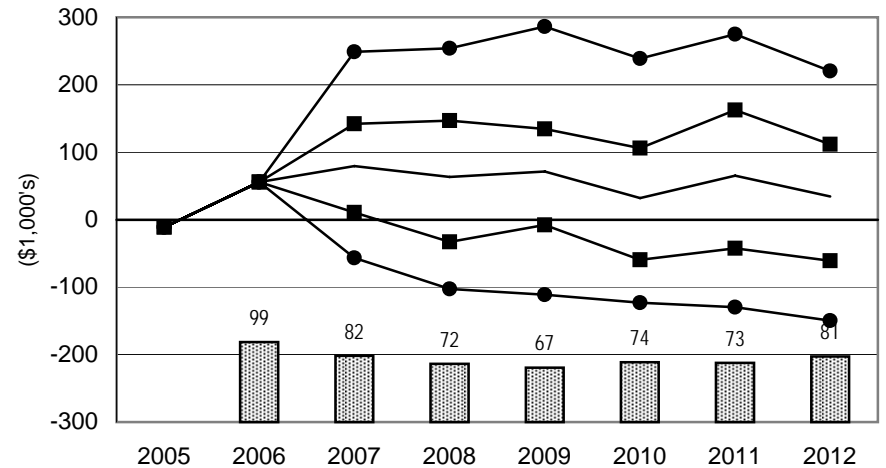
**Figure 14. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Feed Grain and Oilseed Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

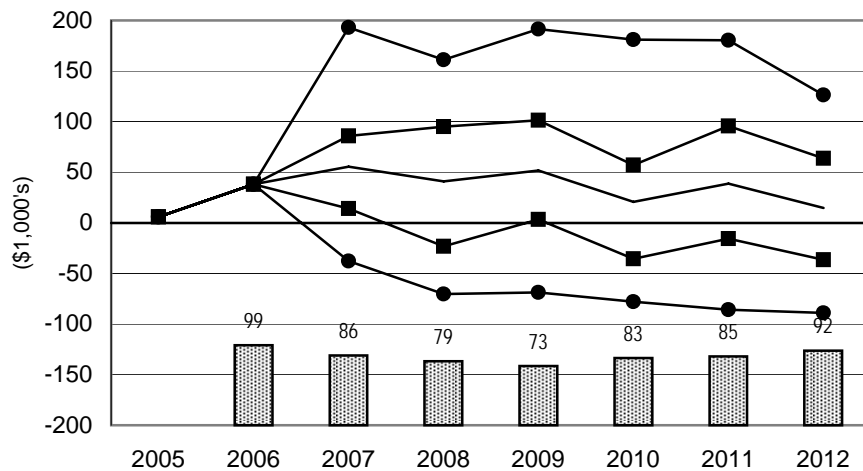
**TXPG3760 Texas Panhandle Grain Farm**



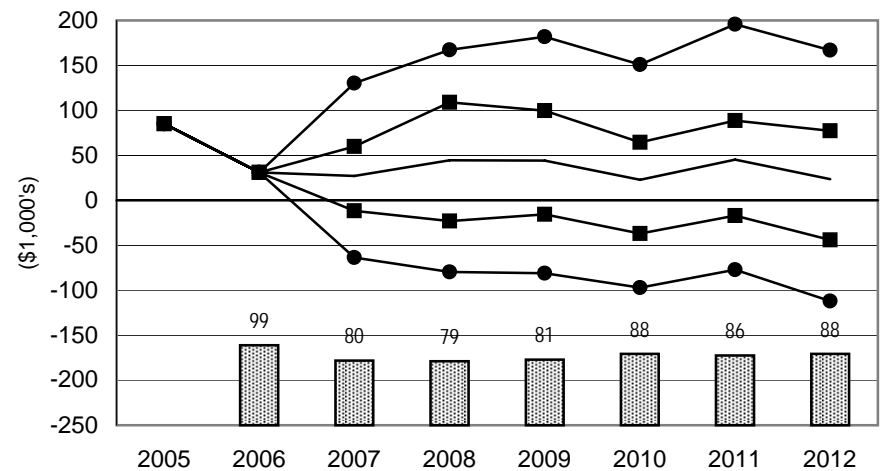
**TXHG2000 Texas North Blacklands Grain Farm**



**TXWG1400 Texas South Blacklands Grain Farm**



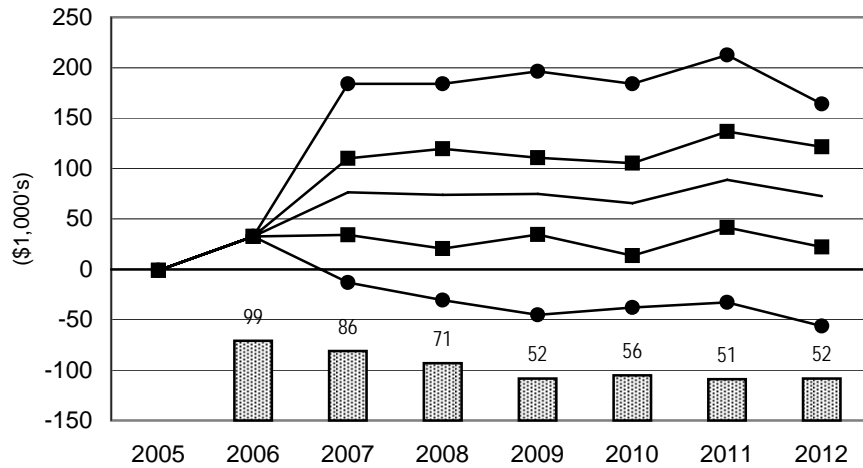
**TXUG1200 Uvalde Texas Grain Farm**



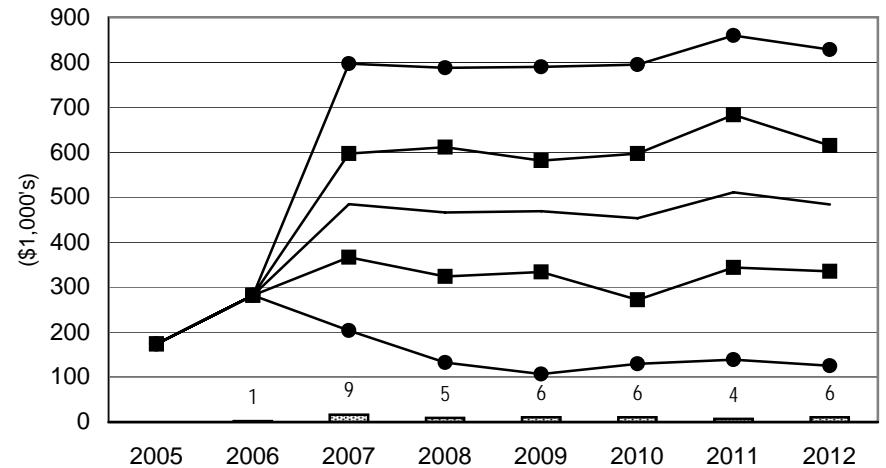
**Figure 15. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Feed Grain and Oilseed Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

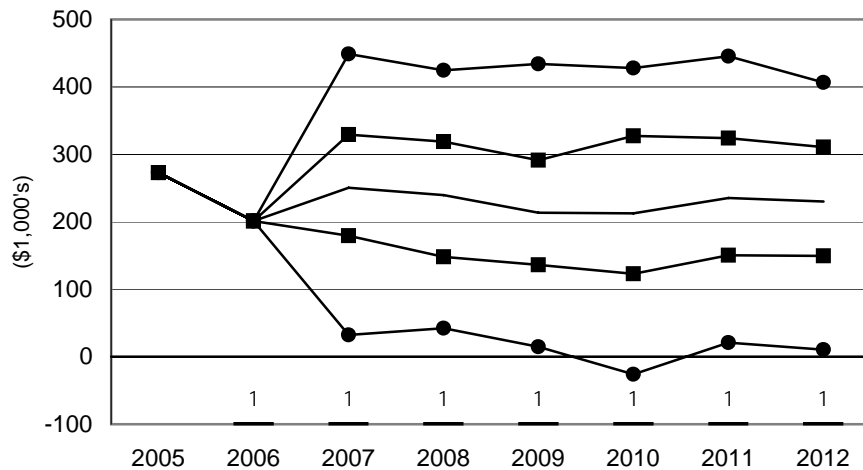
**TNG900 Tennessee Grain Farm**



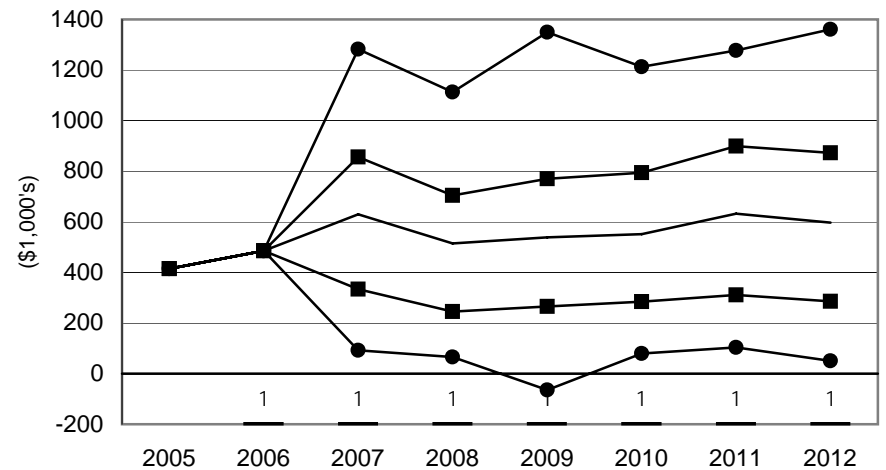
**TNG2750 Large Tennessee Grain Farm**



**SCG1500 South Carolina Grain Farm**



**SCG3500 Large South Carolina Grain Farm**



# Figure 16. Representative Farms Producing Wheat

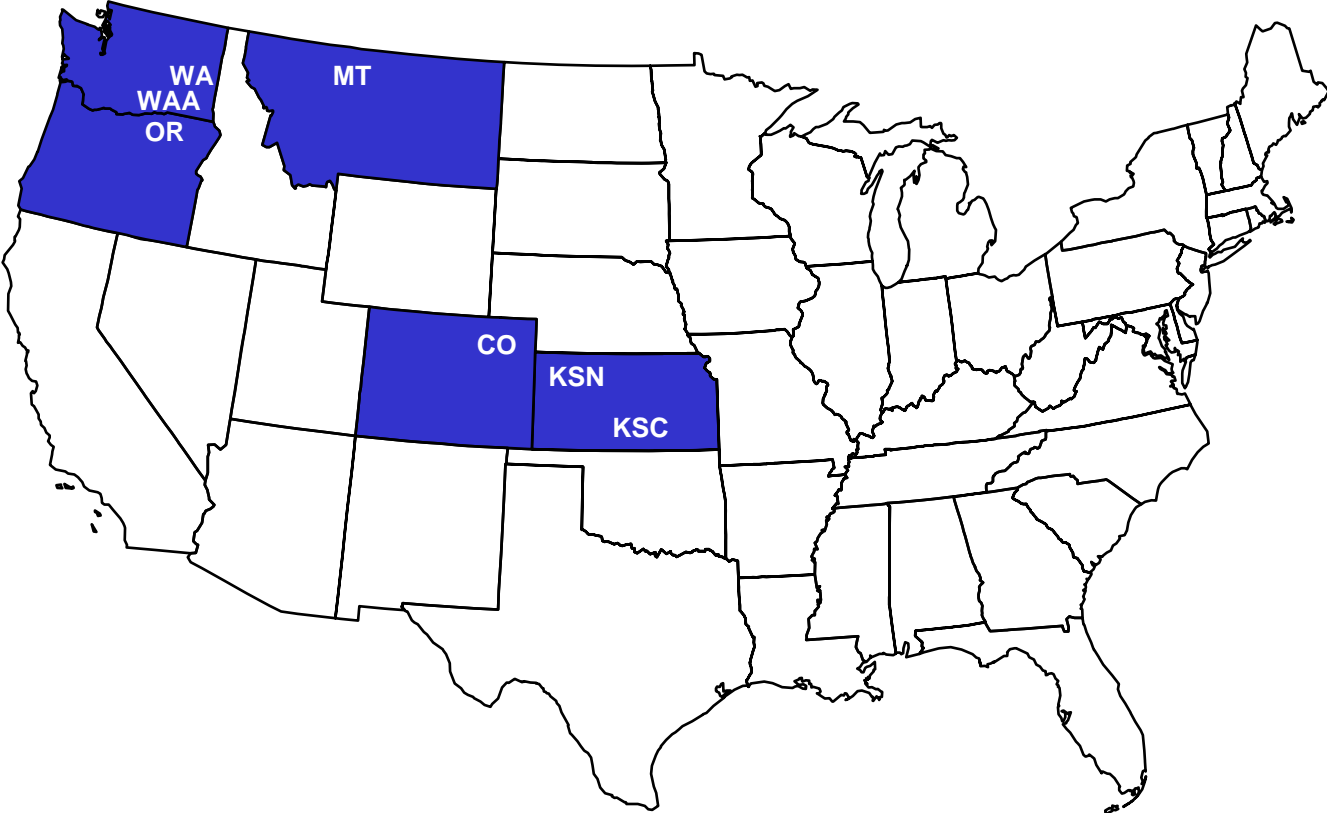
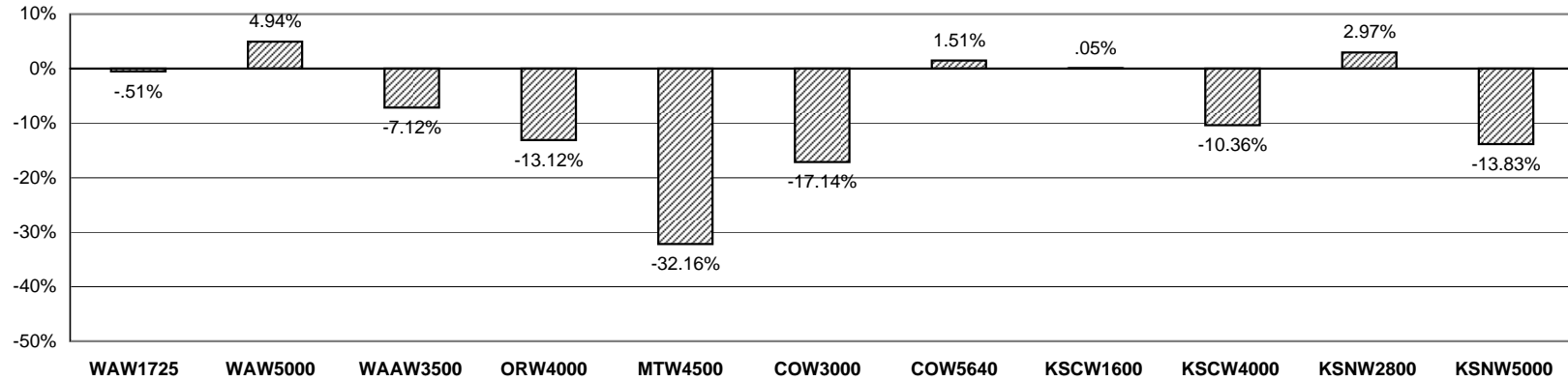


Table 6. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Wheat.

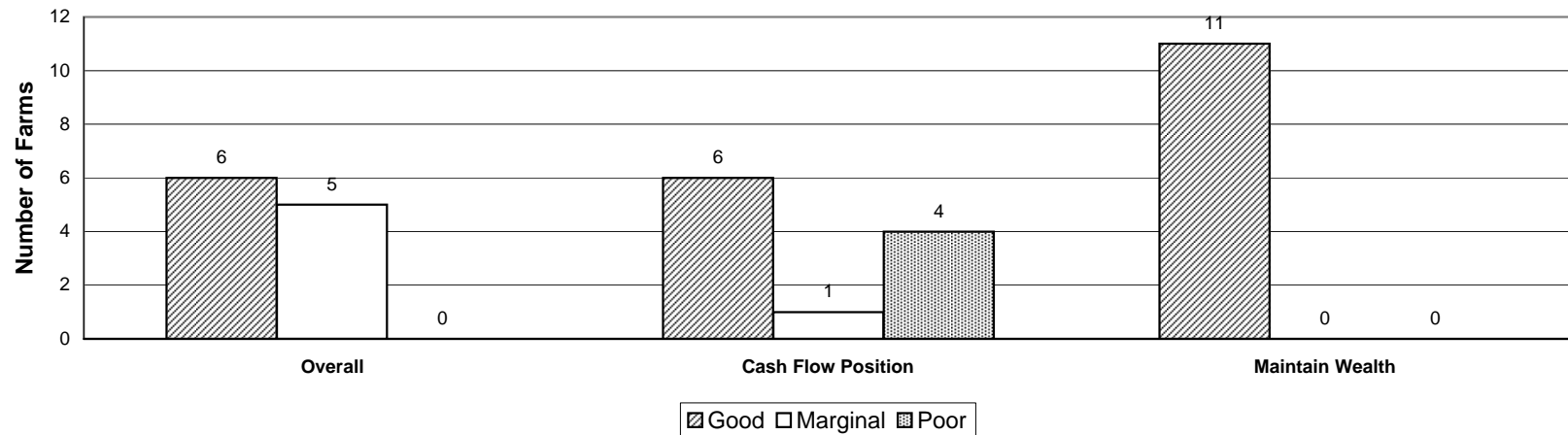
	WAW1725	WAW5000	WAAW3500	ORW4000	MTW4500	COW3000	COW5640	KSCW1600	KSCW4000	KSNW2800	KSNW5000
<b>Overall Financial Position</b>											
2007-2012 Ranking	Marginal	Marginal	Good	Good	Good	Good	Marginal	Marginal	Good	Marginal	Good
<b>Change Real Net Worth (%)</b>											
2007-2012 Average	3.08	2.77	4.50	3.31	5.79	7.11	4.52	2.66	5.07	2.81	5.69
<b>NIA to Maintain Real Net Worth (%/Rec.)</b>											
	-15.39	-17.05	-29.13	-27.71	-48.18	-36.45	-21.34	-15.00	-23.30	-17.81	-26.07
<b>NIA for Zero Ending Cash Balance (%/Rec.)</b>											
	-0.51	4.94	-7.12	-13.12	-32.16	-17.14	1.51	0.05	-10.36	2.97	-13.83
<b>Govt Payments/Receipts (%)</b>											
2007-2012 Average	9.46	8.79	10.08	9.71	11.60	6.56	7.58	8.59	8.88	8.58	7.50
<b>Cost to Receipts Ratio (%)</b>											
2007-2012 Average	81.92	86.44	70.65	67.68	60.16	54.08	70.17	80.32	66.59	80.21	72.45
<b>Total Cash Receipts (\$1000)</b>											
2005	379.87	1,160.42	227.22	291.46	506.59	172.08	343.62	221.05	533.26	346.06	781.35
2006	439.50	1,329.41	269.19	333.77	580.82	191.50	417.51	289.17	721.11	403.55	961.06
2007	564.83	1,650.34	357.25	439.71	579.43	392.44	735.22	381.31	871.00	481.42	1,206.54
2008	440.40	1,324.40	260.85	336.77	448.19	331.53	583.43	302.61	742.76	422.22	1,050.79
2009	469.60	1,406.22	282.39	349.51	471.89	350.46	617.21	324.38	791.75	439.71	1,110.38
2010	465.39	1,401.82	279.85	345.53	468.56	342.11	618.16	320.78	785.70	432.70	1,074.20
2011	481.09	1,454.29	288.46	341.28	505.16	356.07	657.13	338.05	816.50	440.95	1,129.99
2012	478.47	1,438.25	285.66	348.02	495.11	349.06	646.49	336.18	807.96	442.26	1,097.01
2007-2012 Average	483.30	1,445.89	292.41	360.14	494.72	353.61	642.94	333.89	802.61	443.21	1,111.49
<b>Government Payments (\$1000)</b>											
2005	43.05	120.62	23.82	27.20	46.64	24.14	44.32	34.87	101.39	52.29	125.18
2006	39.40	111.69	23.34	26.62	45.47	19.47	42.26	26.03	51.29	37.24	66.98
2007	39.29	110.46	24.56	28.24	47.59	18.72	38.85	22.45	57.80	31.89	68.71
2008	46.65	131.06	29.62	34.48	55.88	23.71	50.31	26.42	70.69	37.74	81.50
2009	44.67	124.38	28.40	33.11	54.50	22.84	47.52	26.14	69.68	37.35	83.65
2010	43.32	120.37	28.26	32.63	52.14	22.01	45.95	25.34	65.56	35.34	75.45
2011	45.40	126.53	29.44	33.27	53.92	24.33	50.69	26.70	72.45	37.14	84.80
2012	42.42	117.36	27.58	32.10	53.48	21.85	45.95	25.12	63.94	36.07	74.24
2007-2012 Average	43.63	121.69	27.98	32.31	52.92	22.24	46.54	25.36	66.69	35.92	78.06
<b>Net Cash Farm Income (\$1000)</b>											
2005	42.32	114.75	48.50	85.29	251.75	4.02	-16.37	-3.42	67.24	50.27	79.11
2006	77.96	229.78	79.94	115.48	317.10	7.98	35.63	52.80	226.24	94.47	236.11
2007	192.73	504.78	160.52	213.88	315.44	200.49	317.57	135.39	365.96	164.38	465.08
2008	64.16	154.00	66.23	110.40	180.86	145.90	170.96	58.07	239.89	96.79	301.17
2009	82.98	193.22	83.03	119.60	197.22	163.80	189.15	72.93	272.80	97.74	347.19
2010	73.02	151.58	79.39	112.57	189.97	156.59	176.79	67.63	266.59	86.37	303.34
2011	86.45	184.70	89.15	110.90	224.90	173.72	213.50	81.06	281.52	93.25	324.25
2012	81.75	163.64	82.50	114.85	216.23	159.13	198.81	77.05	262.79	83.15	285.33
2007-2012 Average	96.85	225.32	93.47	130.36	220.77	166.61	211.13	82.02	281.59	103.62	337.73
<b>Ending Cash Reserves (\$1000)</b>											
2005	-67.28	-53.93	-5.68	6.67	108.87	-59.62	-133.64	-73.89	-88.59	-19.62	-31.00
2006	-57.15	-21.30	5.06	27.11	240.03	-118.00	-218.93	-88.23	-6.60	-9.02	68.38
2007	11.44	114.25	66.73	101.94	370.80	-6.88	-56.33	-34.29	109.75	33.30	254.15
2008	3.25	23.75	76.54	124.89	448.83	53.62	-11.64	-29.34	174.84	47.84	366.73
2009	15.47	-17.15	96.12	147.34	533.60	120.07	14.95	-17.32	213.19	25.22	496.53
2010	15.09	-125.69	112.66	161.99	608.09	182.40	-23.47	-14.24	287.77	12.24	583.92
2011	19.04	-214.62	133.97	171.52	686.18	249.75	-15.62	-5.24	305.61	-6.74	630.60
2012	11.69	-340.03	110.41	173.81	781.37	293.90	-47.04	-0.91	339.95	-65.32	664.32
<b>Nominal Net Worth (\$1000)</b>											
2005	894.38	3,603.63	888.49	978.50	1,858.23	841.73	1,337.54	767.62	1,493.69	1,175.93	1,974.45
2006	998.43	4,076.84	1,005.08	1,093.52	2,191.06	893.91	1,429.07	823.60	1,717.28	1,304.45	2,279.20
2007	1,192.68	4,793.32	1,205.54	1,293.50	2,586.00	1,123.09	1,787.48	972.50	2,028.90	1,510.16	2,745.60
2008	1,258.89	5,084.54	1,302.51	1,384.17	2,830.42	1,249.83	1,947.66	1,023.35	2,198.20	1,626.78	3,026.12
2009	1,302.61	5,255.50	1,364.56	1,437.14	2,992.60	1,343.61	2,034.34	1,052.57	2,315.65	1,671.45	3,225.10
2010	1,324.05	5,318.90	1,409.62	1,468.26	3,124.30	1,424.79	2,090.61	1,066.11	2,444.72	1,697.94	3,372.67
2011	1,357.16	5,424.38	1,464.46	1,499.44	3,281.97	1,514.84	2,173.12	1,090.49	2,529.18	1,731.57	3,508.20
2012	1,401.23	5,539.42	1,517.35	1,537.02	3,452.69	1,588.30	2,249.45	1,116.58	2,622.41	1,749.67	3,647.45
<b>Prob. of Negative Ending Cash (%)</b>											
2007	47	22	3	1	1	60	67	62	9	27	2
2008	52	50	6	9	1	14	48	66	5	29	2
2009	38	56	5	5	1	4	41	55	6	42	1
2010	41	63	5	9	1	1	48	53	3	45	1
2011	44	72	4	8	1	1	52	50	3	50	3
2012	42	82	10	10	1	1	60	52	3	61	4
<b>Prob. of Decreasing Real Net Worth Over 2005-2012 (%)</b>											
	1	1	1	1	1	1	1	5	1	1	1

# Figure 17. Wheat Farms

## Minimum Annual Percentage Change in Receipts, 2007-2012, Needed to Have a Zero Ending Cash Balance in 2012



## Economic and Financial Position Over the Period, 2007-2012, for all Wheat Farms

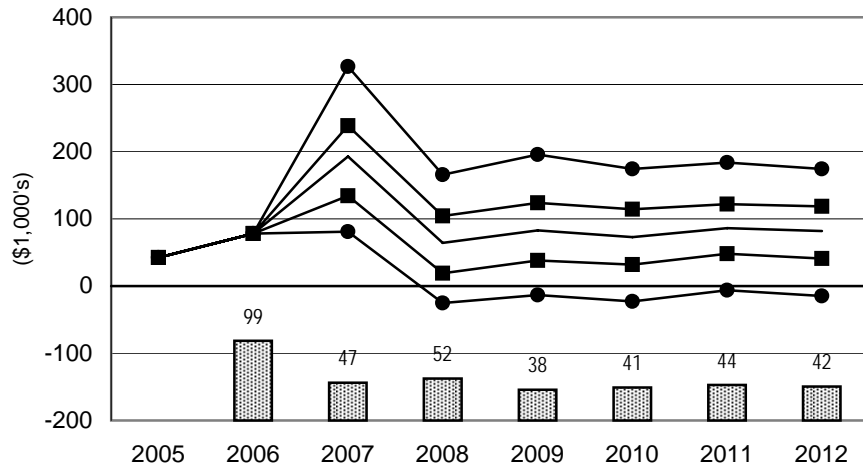




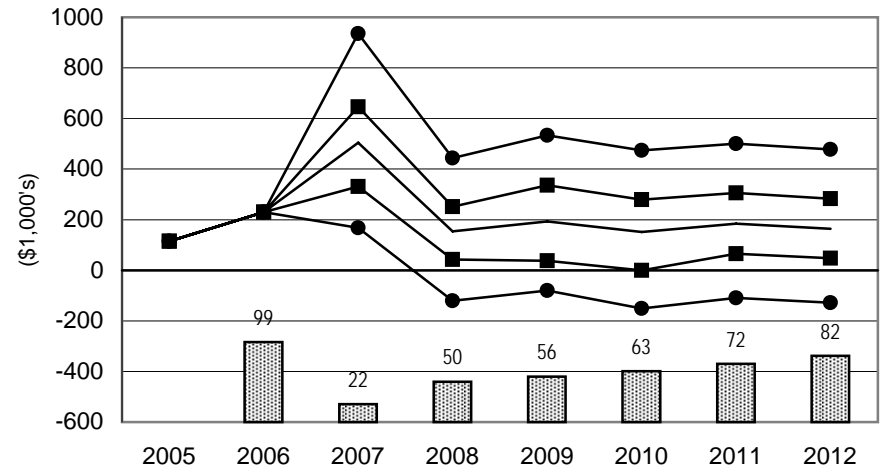
**Figure 18. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Wheat Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

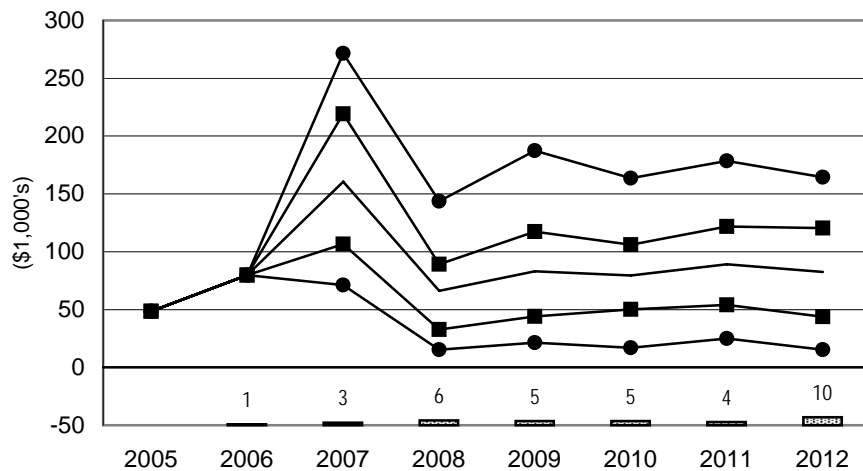
**WAW1725 Washington Wheat Farm**



**WAW5000 Large Washington Wheat Farm**



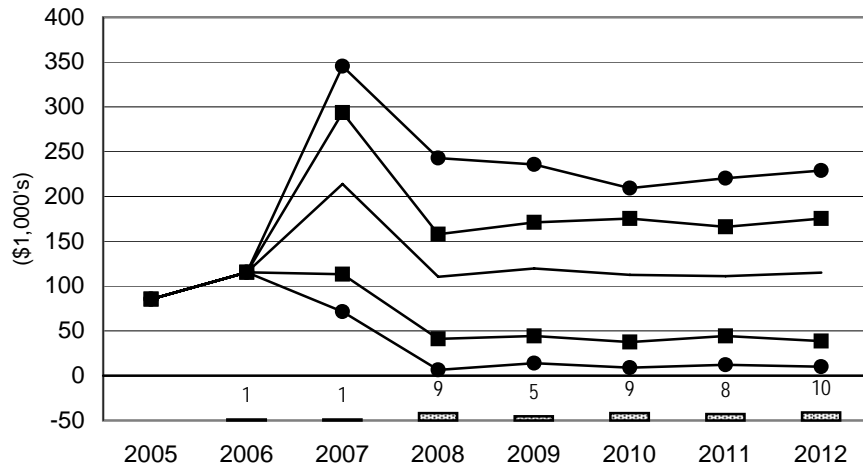
**WAAW3500 Southern Washington Wheat Farm**



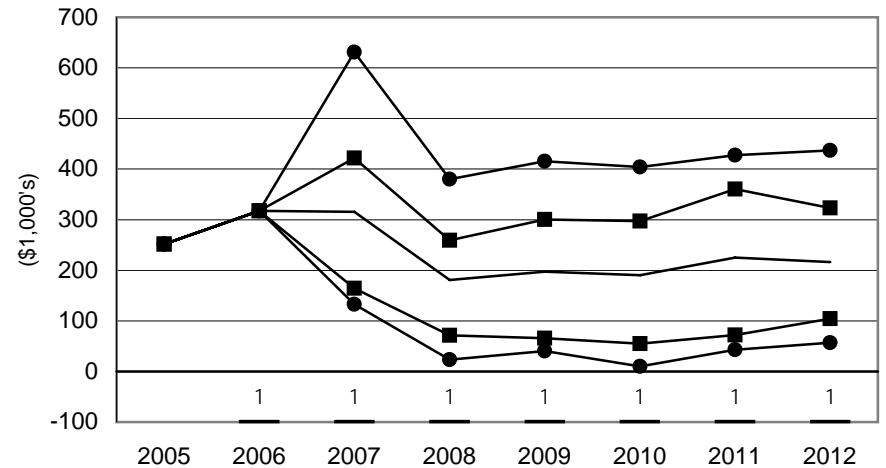
**Figure 19. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Wheat Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

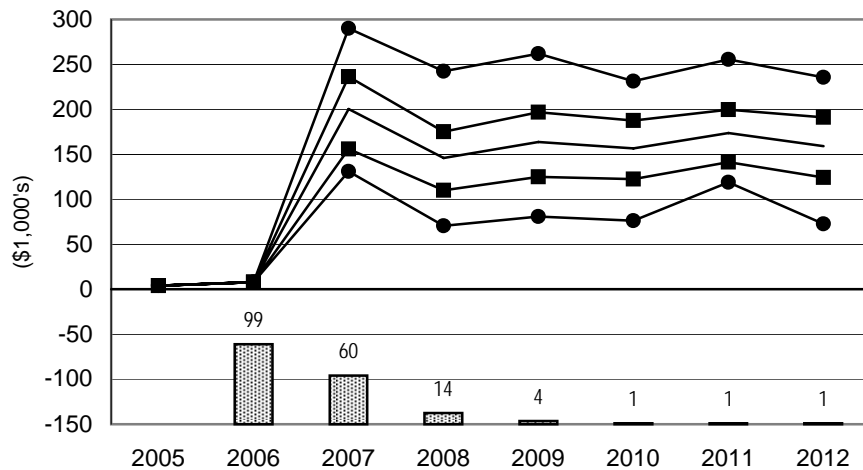
**ORW4000 Oregon Wheat Farm**



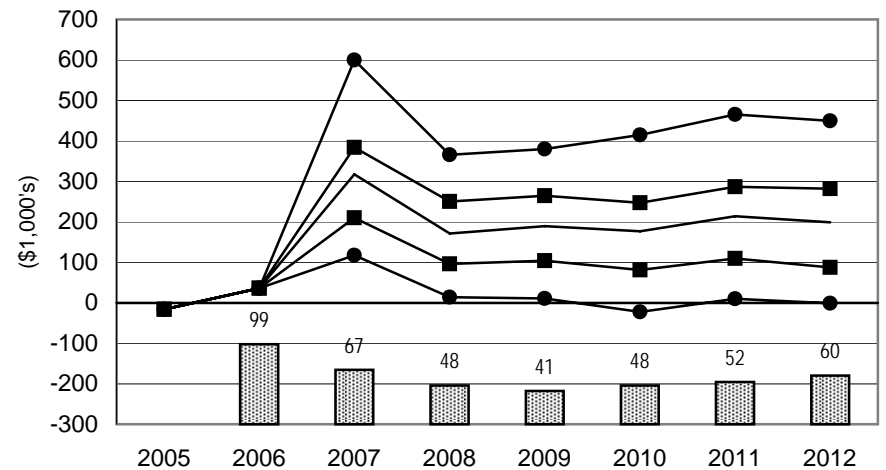
**MTW4500 Montana Wheat Farm**



**COW3000 Colorado Wheat Farm**



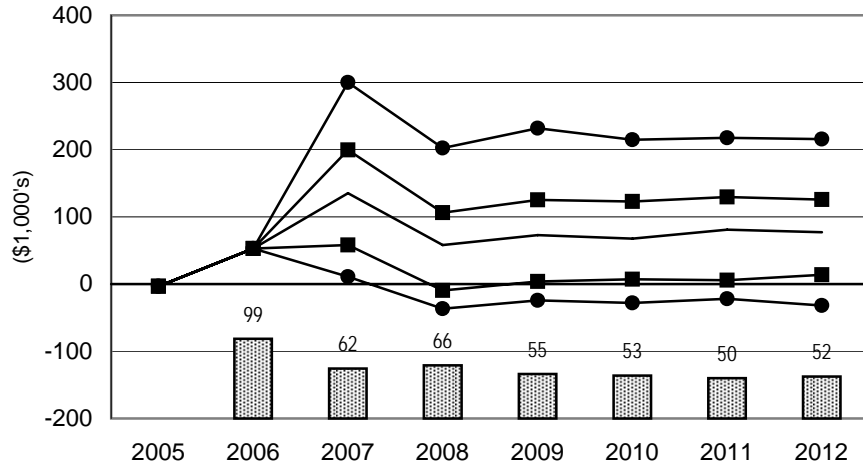
**COW5640 Large Colorado Wheat Farm**



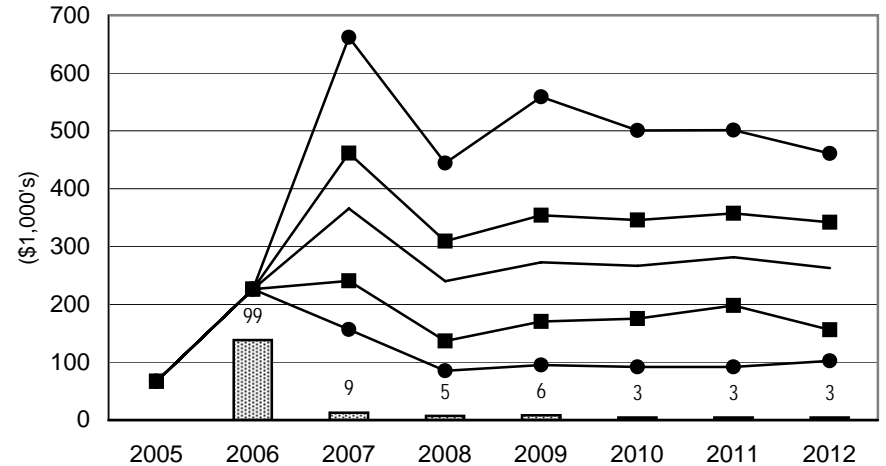
**Figure 20. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Wheat Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

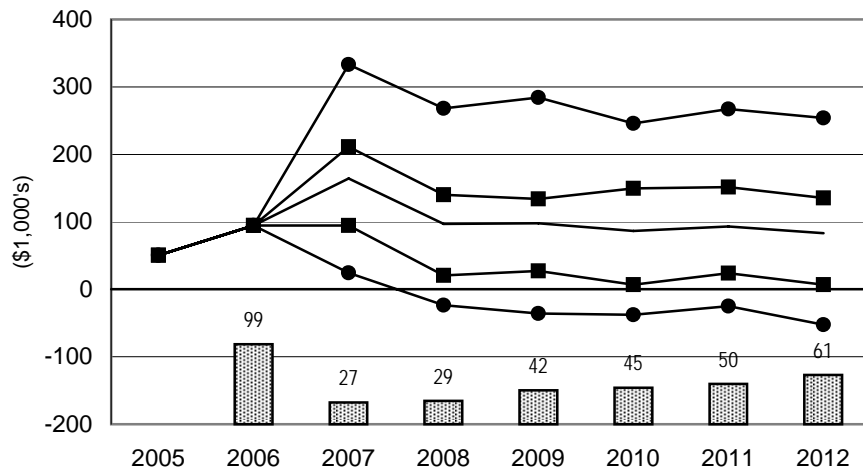
**KSCW1600 Central Kansas Wheat Farm**



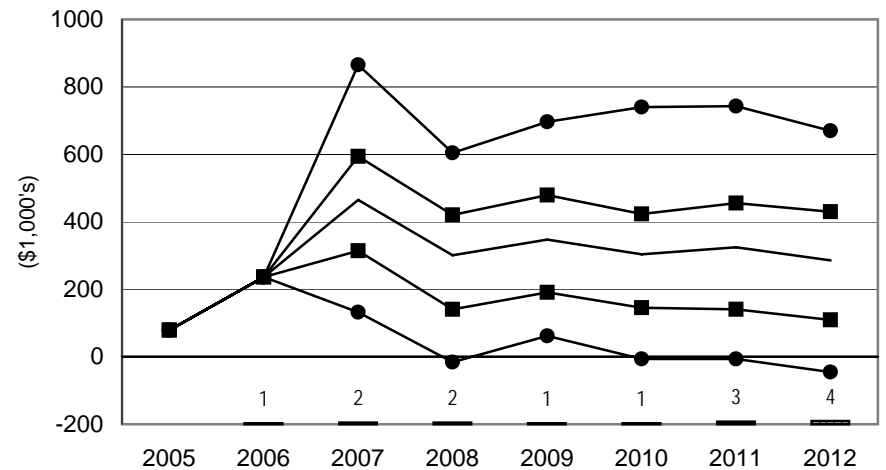
**KSCW4000 Large Central Kansas Wheat Farm**



**KSNW2800 Northwest Kansas Wheat Farm**



**KSNW5000 Large Northwest Kansas Wheat Farm**



# Figure 21. Representative Farms Producing Cotton

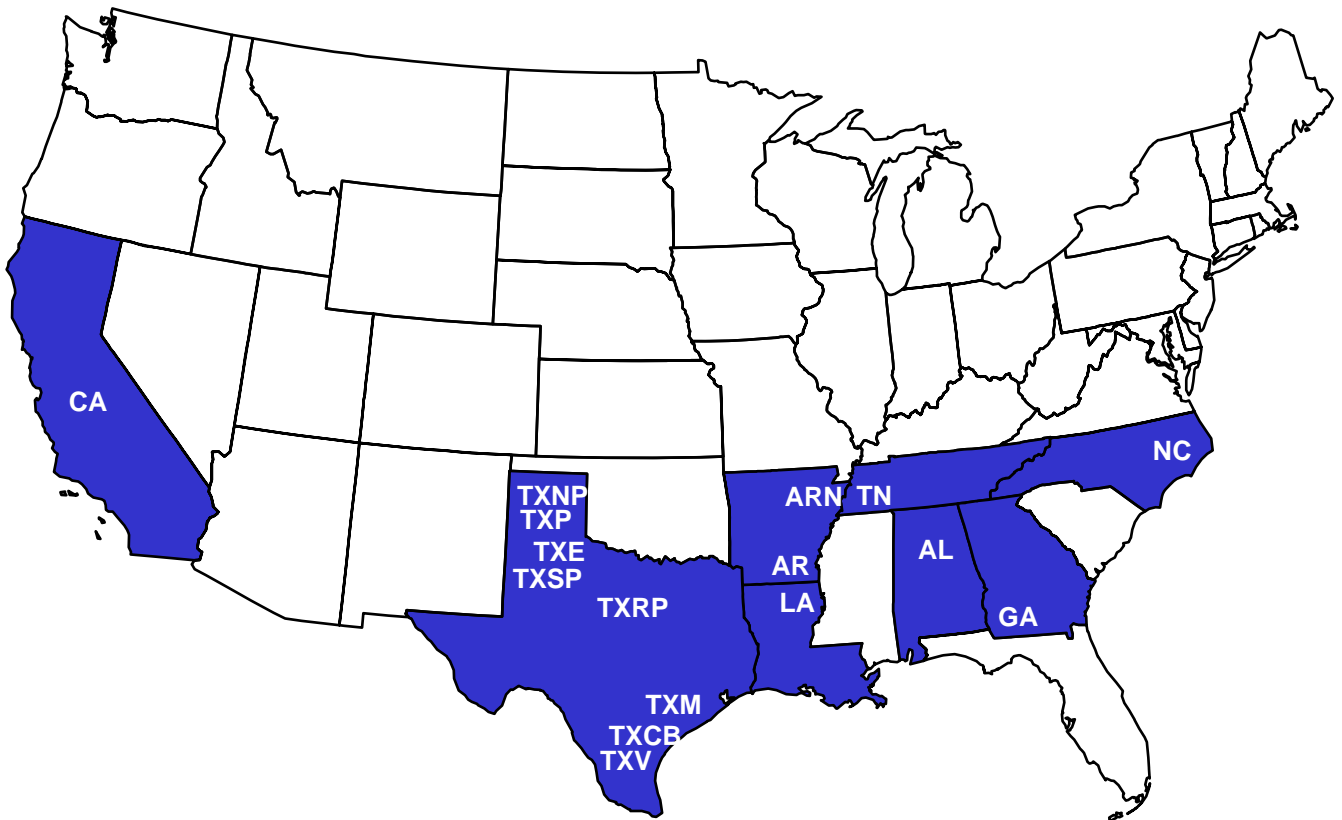


Table 7. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Cotton.

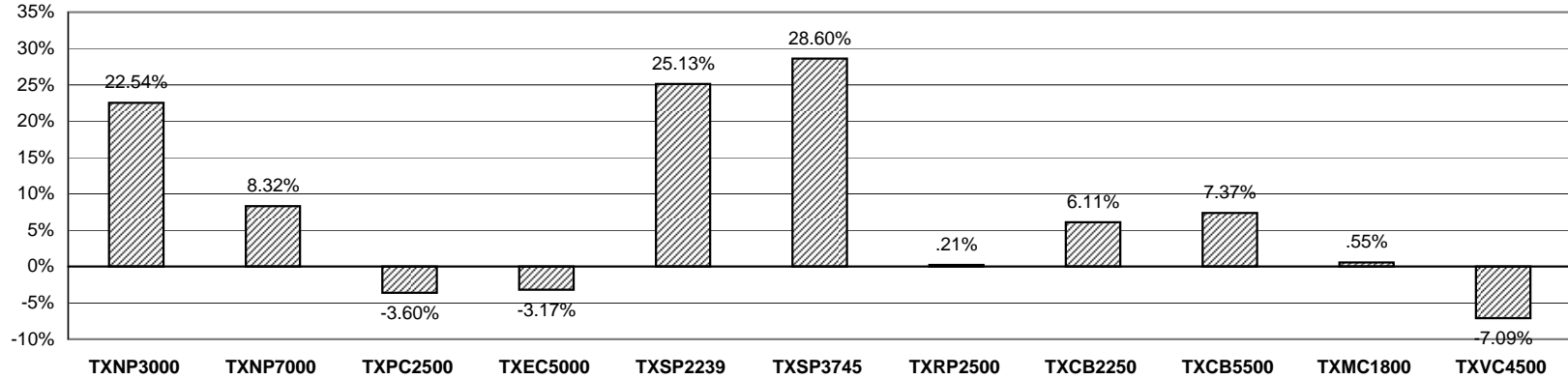
	TXNP3000	TXNP7000	TXSP2239	TXSP3745	TXPC2500	TXEC5000	TXRP2500	TXMC1800	TXCB2250	TXCB5500	TXVC4500
<b>Overall Financial Position</b>											
2007-2012 Ranking	Poor	Poor	Poor	Poor	Marginal	Poor	Poor	Poor	Poor	Poor	Good
<b>Change Real Net Worth (%)</b>											
2007-2012 Average	61.87	-1.31	-15.02	-8.36	2.61	0.68	3.39	3.05	0.16	-9.97	7.07
<b>NIA to Maintain Real Net Worth (%/Rec.)</b>											
2007-2012 Average	11.90	0.55	13.06	10.75	-8.39	-1.54	-6.37	-3.79	-2.23	2.91	-14.49
<b>NIA for Zero Ending Cash Balance (%/Rec.)</b>											
2007-2012 Average	22.54	8.32	25.13	28.60	-3.60	-3.17	0.21	0.55	6.11	7.37	-7.09
<b>Govt Payments/Receipts (%)</b>											
2007-2012 Average	6.49	6.46	14.28	13.88	10.99	14.10	14.91	12.23	13.30	12.24	13.45
<b>Cost to Receipts Ratio (%)</b>											
2007-2012 Average	105.79	97.29	115.43	115.48	87.79	89.80	90.32	88.64	95.01	98.30	81.80
<b>Total Cash Receipts (\$1000)</b>											
2005	1,080.02	2,450.02	534.03	908.61	1,429.39	2,103.76	444.33	497.91	658.32	1,542.72	1,390.33
2006	1,180.48	2,695.71	520.70	880.77	1,224.06	1,504.65	251.59	657.29	711.04	1,676.97	1,149.10
2007	1,230.95	2,719.44	575.27	974.68	1,411.45	1,569.47	374.07	690.51	756.34	1,760.14	1,676.37
2008	1,315.07	2,935.79	624.78	1,057.09	1,357.33	1,657.22	383.37	744.58	824.51	1,843.58	1,709.80
2009	1,347.85	3,032.29	610.95	1,037.84	1,352.57	1,622.60	383.76	743.86	814.61	1,877.14	1,701.78
2010	1,327.84	2,971.02	614.62	1,048.33	1,367.04	1,661.58	383.64	749.27	815.97	1,893.98	1,727.96
2011	1,381.45	3,098.72	630.06	1,071.99	1,433.63	1,685.76	383.24	791.91	875.74	1,936.14	1,811.07
2012	1,376.44	3,089.71	625.40	1,069.63	1,397.97	1,701.95	386.77	758.20	823.77	1,883.28	1,740.20
2007-2012 Average	1,329.93	2,974.50	613.51	1,043.26	1,386.67	1,649.76	382.47	746.39	818.49	1,865.71	1,727.86
<b>Government Payments (\$1000)</b>											
2005	190.22	460.10	167.21	281.04	318.95	526.98	114.97	151.85	210.61	443.00	393.89
2006	170.65	402.99	151.56	248.82	354.60	447.08	76.57	195.22	186.65	401.15	385.22
2007	100.25	201.34	98.97	163.82	190.66	276.24	63.70	98.76	119.91	258.32	280.83
2008	73.81	168.26	74.85	125.21	137.58	203.77	50.43	81.42	94.88	205.62	216.14
2009	82.91	180.69	72.44	121.57	138.14	191.98	48.11	80.31	92.04	197.80	212.38
2010	76.11	172.16	73.53	122.86	136.78	197.34	46.45	78.05	90.73	198.39	208.16
2011	84.76	190.20	72.89	122.21	138.98	197.23	49.30	83.21	95.85	212.98	216.92
2012	79.42	174.52	73.07	122.24	136.68	196.01	47.88	79.46	91.29	199.30	207.39
2007-2012 Average	82.88	181.19	77.63	129.65	146.47	210.43	50.98	83.54	97.45	212.07	223.64
<b>Net Cash Farm Income (\$1000)</b>											
2005	-74.05	-39.16	17.72	21.64	512.15	834.72	122.90	-10.79	23.02	32.09	178.41
2006	-58.06	61.30	-28.45	-64.85	182.06	157.71	-12.86	89.36	60.51	86.77	281.13
2007	-29.59	89.18	-7.40	-27.21	278.65	230.82	77.77	106.37	91.44	127.96	378.52
2008	2.64	200.81	13.46	11.15	202.55	279.35	74.89	139.89	125.50	150.33	382.47
2009	-19.56	208.74	-26.61	-55.41	166.44	203.41	72.53	124.84	99.05	142.49	349.57
2010	-76.32	97.23	-46.95	-96.38	151.42	214.42	68.66	113.13	79.11	94.96	349.47
2011	-64.64	173.68	-51.75	-109.56	203.35	225.95	64.39	142.89	103.50	56.95	396.25
2012	-96.96	141.99	-79.41	-143.17	165.97	221.11	67.73	110.55	60.66	15.90	342.22
2007-2012 Average	-47.40	151.94	-33.11	-70.10	194.73	229.18	71.00	122.95	93.21	98.10	366.42
<b>Ending Cash Reserves (\$1000)</b>											
2005	-202.71	-276.47	-61.24	-112.08	291.03	414.58	42.11	-91.03	-58.59	-98.17	42.81
2006	-397.40	-521.06	-174.12	-328.33	305.57	337.61	-31.35	-86.28	-87.18	-165.67	78.36
2007	-573.24	-762.06	-296.44	-536.98	337.86	296.92	-36.07	-111.47	-101.78	-222.52	182.76
2008	-711.31	-888.27	-366.91	-657.50	361.61	346.91	-30.45	-53.18	-70.70	-236.26	306.91
2009	-916.23	-1,034.95	-486.09	-875.64	340.09	291.49	-31.78	-26.31	-81.38	-275.79	393.55
2010	-1,165.30	-1,247.96	-633.77	-1,174.95	298.58	295.90	-23.18	-38.26	-138.73	-400.22	460.10
2011	-1,403.72	-1,399.37	-784.73	-1,484.38	291.84	295.62	-16.92	-23.07	-193.12	-618.31	581.08
2012	-1,690.05	-1,510.66	-959.77	-1,804.15	252.52	277.71	-4.74	-24.61	-282.92	-861.81	631.74
<b>Nominal Net Worth (\$1000)</b>											
2005	485.27	1,826.80	674.06	1,609.28	2,010.77	1,456.06	464.41	655.57	830.09	805.31	1,938.95
2006	362.50	1,822.76	637.02	1,600.97	2,143.99	1,456.27	421.27	685.37	894.27	794.56	2,157.69
2007	239.53	1,788.83	613.35	1,626.78	2,396.75	1,514.30	469.97	718.00	982.59	820.37	2,511.78
2008	136.64	1,805.27	585.26	1,629.39	2,543.01	1,584.90	501.67	778.45	1,060.52	840.45	2,795.18
2009	-24.37	1,816.23	489.62	1,483.62	2,593.53	1,555.18	516.89	799.36	1,067.80	819.81	2,976.71
2010	-232.19	1,725.31	365.96	1,261.76	2,629.71	1,579.11	541.75	795.42	1,036.92	742.25	3,156.46
2011	-422.31	1,678.09	239.28	1,049.38	2,695.63	1,574.39	549.67	823.82	1,035.44	594.84	3,384.35
2012	-650.12	1,688.20	98.84	829.63	2,747.25	1,569.71	566.35	850.44	994.25	431.50	3,540.45
<b>Prob. of Negative Ending Cash (%)</b>											
2007	99	97	99	99	1	1	70	73	68	80	21
2008	99	96	93	95	2	14	61	63	60	76	13
2009	99	88	96	96	9	29	56	58	64	69	13
2010	99	88	95	98	22	36	53	57	65	72	17
2011	99	88	97	97	25	36	58	55	64	77	12
2012	99	90	97	98	30	42	55	56	75	81	16
<b>Prob. of Decreasing Real Net Worth Over 2005-2012 (%)</b>											
2007-2012 Average	98	58	87	84	1	26	31	44	38	69	1

Table 8. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Cotton.

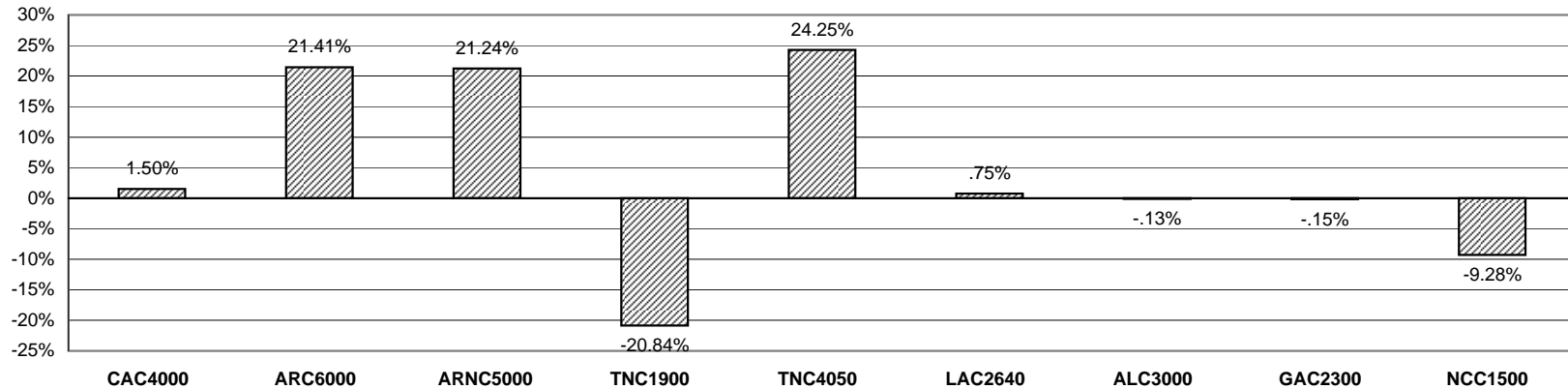
	CAC4000	LAC2640	ARC6000	ARNC5000	TNC1900	TNC4050	ALC3000	GAC2300	NCC1500
<b>Overall Financial Position</b>									
2007-2012 Ranking	Marginal	Poor	Poor	Poor	Good	Poor	Marginal	Marginal	Good
<b>Change Real Net Worth (%)</b>									
2007-2012 Average	3.41	1.44	-4.29	-4.97	8.50	-4.24	1.69	3.69	3.36
<b>NIA to Maintain Real Net Worth (%/Rec.)</b>									
	-11.71	-1.83	4.17	5.69	-31.18	4.66	-1.22	-10.50	-22.73
<b>NIA for Zero Ending Cash Balance (%/Rec.)</b>									
	1.50	0.75	21.41	21.24	-20.84	24.25	-0.13	-0.15	-9.28
<b>Govt Payments/Receipts (%)</b>									
2007-2012 Average	2.48	14.14	10.23	11.43	10.60	13.07	17.18	11.66	12.44
<b>Cost to Receipts Ratio (%)</b>									
2007-2012 Average	97.91	89.80	103.24	105.76	68.45	110.78	84.25	88.58	75.70
<b>Total Cash Receipts (\$1000)</b>									
2005	6,378.18	1,258.48	3,039.09	2,847.85	894.62	1,649.67	1,291.26	1,749.80	909.97
2006	6,372.50	1,346.44	3,225.10	2,822.35	932.77	1,697.39	923.86	1,880.93	877.55
2007	6,531.56	1,483.62	3,520.29	2,896.83	986.47	1,899.60	1,055.16	1,795.90	875.07
2008	6,587.45	1,508.99	3,603.56	3,142.53	1,059.06	1,952.56	1,285.54	1,942.64	837.91
2009	6,425.43	1,501.10	3,576.06	3,008.64	1,050.80	1,922.23	1,261.00	1,918.07	822.92
2010	6,332.97	1,514.29	3,636.97	3,097.29	1,055.62	1,937.11	1,255.66	1,971.82	840.81
2011	6,583.78	1,590.66	3,735.56	3,113.13	1,093.38	1,985.92	1,335.57	2,003.11	881.31
2012	6,486.95	1,514.04	3,716.55	3,115.35	1,080.07	1,898.94	1,297.32	2,018.71	856.29
2007-2012 Average	6,491.36	1,518.78	3,631.50	3,062.30	1,054.23	1,932.72	1,248.38	1,941.71	852.39
<b>Government Payments (\$1000)</b>									
2005	329.07	385.73	727.50	750.80	210.78	471.22	417.22	443.62	225.60
2006	318.98	308.49	572.62	727.28	186.27	443.23	331.44	408.39	205.41
2007	188.87	245.65	410.68	426.87	123.17	314.28	252.40	272.98	129.86
2008	139.05	205.87	353.33	303.92	100.71	243.08	211.89	215.03	101.37
2009	134.17	199.55	350.39	291.89	97.93	235.53	178.72	207.69	96.19
2010	137.36	193.31	342.52	298.50	95.77	234.38	178.46	206.81	94.18
2011	135.49	204.46	349.30	296.46	100.81	240.06	187.11	212.94	98.11
2012	135.56	189.51	337.72	291.71	94.44	226.36	179.49	209.96	93.31
2007-2012 Average	145.08	206.39	357.32	318.22	102.14	248.95	198.01	220.90	102.17
<b>Net Cash Farm Income (\$1000)</b>									
2005	914.21	105.38	118.26	258.77	276.65	29.70	319.86	220.69	258.20
2006	697.40	128.71	59.88	94.17	282.22	-20.47	-32.20	268.35	217.31
2007	711.16	225.92	162.07	65.76	324.78	69.91	116.33	188.60	282.43
2008	656.61	220.37	117.09	182.62	382.33	43.59	299.45	280.79	231.48
2009	370.66	165.72	-63.62	-60.22	349.56	-98.37	251.84	214.62	188.27
2010	206.75	146.56	-137.89	-83.00	351.89	-170.76	228.26	236.26	190.32
2011	350.29	209.27	-139.06	-154.37	367.41	-177.87	290.80	244.28	227.64
2012	236.27	118.25	-245.59	-235.52	359.79	-303.78	234.60	237.51	208.17
2007-2012 Average	421.96	181.01	-51.17	-47.46	355.96	-106.21	236.88	233.68	221.38
<b>Ending Cash Reserves (\$1000)</b>									
2005	372.62	19.01	-384.47	-120.43	128.10	-162.11	151.36	92.84	127.92
2006	502.87	-9.35	-752.59	-508.61	196.99	-345.11	-63.91	169.75	188.52
2007	503.68	34.97	-1,142.52	-951.40	309.81	-532.49	-142.88	163.29	259.91
2008	553.61	101.03	-1,497.33	-1,194.58	481.92	-705.84	0.66	206.50	328.18
2009	333.88	78.86	-2,151.11	-1,803.10	595.02	-1,131.78	53.56	159.52	331.94
2010	4.46	3.11	-2,905.96	-2,386.85	721.33	-1,660.84	56.05	121.56	325.85
2011	-276.19	21.05	-3,653.73	-3,049.69	812.69	-2,202.99	84.13	81.65	328.61
2012	-512.46	-59.78	-4,439.93	-3,781.54	928.94	-2,788.38	8.99	12.63	304.79
<b>Nominal Net Worth (\$1000)</b>									
2005	10,043.08	653.45	4,385.57	3,883.80	1,672.96	3,202.96	1,500.28	2,817.69	2,269.83
2006	11,544.09	691.04	4,998.02	4,462.22	1,984.72	3,452.70	1,297.17	3,253.13	2,541.08
2007	13,312.81	772.79	5,284.43	4,633.27	2,336.70	3,744.50	1,250.64	3,628.15	2,834.28
2008	14,600.42	842.10	5,369.41	4,742.19	2,660.67	3,882.16	1,334.10	3,959.88	3,036.79
2009	15,039.89	841.16	5,053.19	4,410.46	2,857.87	3,659.28	1,360.31	4,085.90	3,120.11
2010	15,203.42	814.93	4,670.70	4,114.18	3,070.97	3,349.62	1,352.64	4,198.50	3,189.25
2011	15,526.35	885.46	4,335.92	3,724.34	3,284.43	3,068.52	1,393.69	4,292.44	3,290.24
2012	15,902.33	834.97	3,907.44	3,253.62	3,495.31	2,783.41	1,364.57	4,392.97	3,374.99
<b>Prob. of Negative Ending Cash (%)</b>									
2007	27	36	99	96	1	98	76	2	1
2008	28	33	98	93	1	98	45	5	1
2009	41	34	99	94	1	99	44	18	1
2010	44	48	99	95	1	99	41	28	2
2011	51	48	99	95	1	99	40	37	5
2012	48	54	99	96	1	99	43	50	5
<b>Prob. of Decreasing Real Net Worth Over 2005-2012 (%)</b>									
	7	36	73	65	1	72	43	1	1

# Figure 22. Cotton Farms

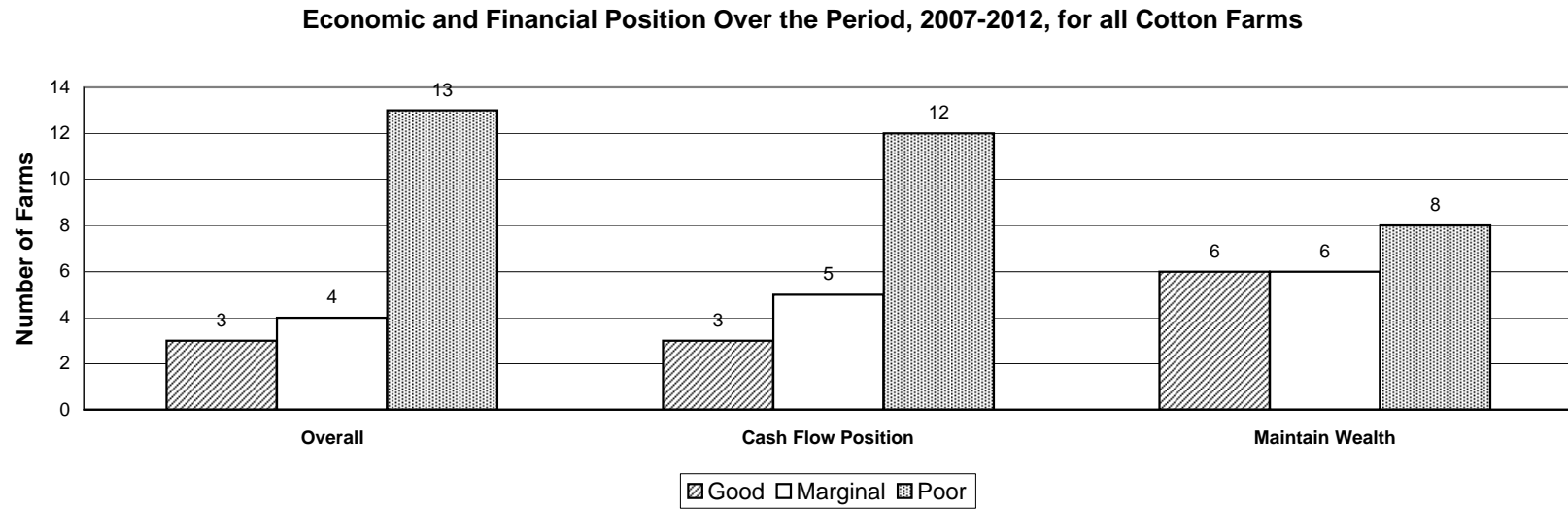
## Minimum Annual Percentage Change in Receipts, 2007-2012, Needed to Have a Zero Ending Cash Balance in 2012



## Minimum Annual Percentage Change in Receipts, 2007-2012, Needed to Have a Zero Ending Cash Balance in 2012



# Figure 23. Cotton Farms

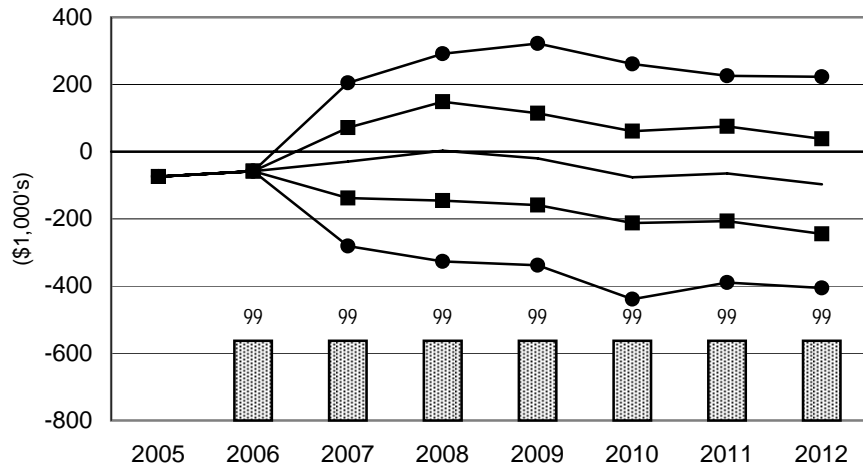




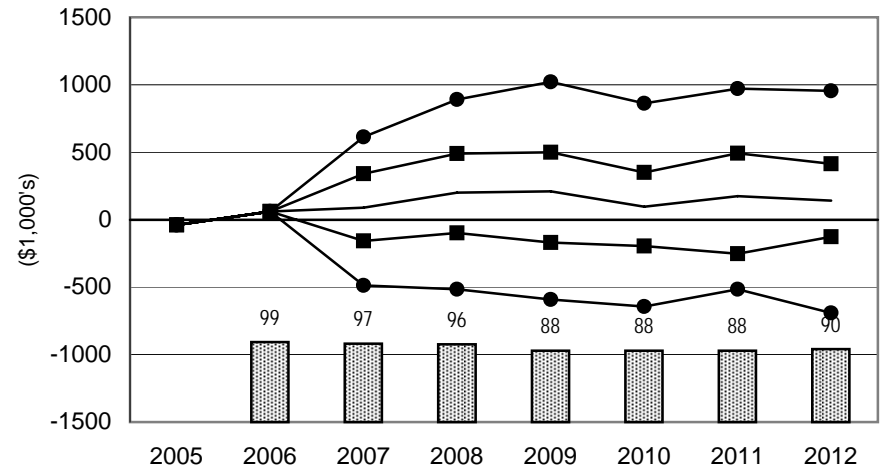
**Figure 24. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Cotton Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

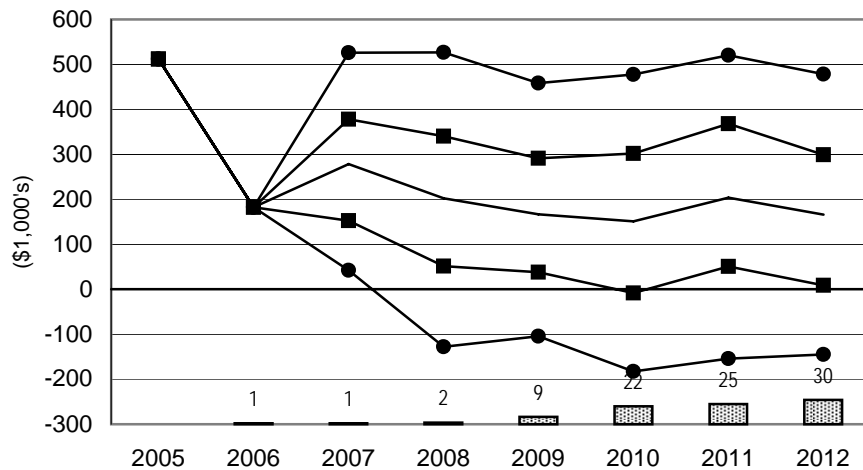
**TXNP3000 Texas North Plains Cotton Farm**



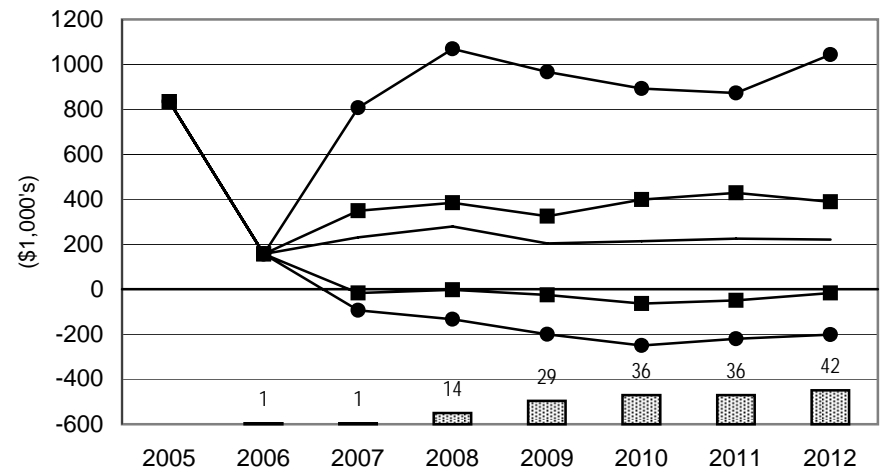
**TXNP7000 Large Texas North Plains Cotton Farm**



**TXPC2500 Texas Panhandle Cotton Farm**



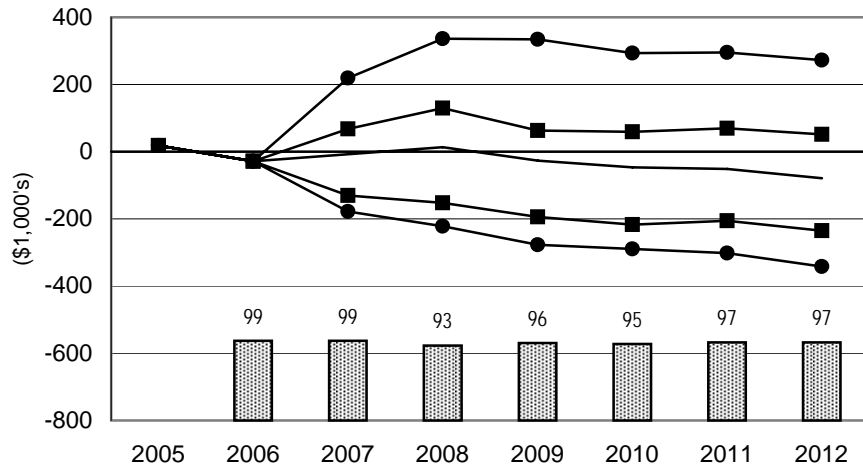
**TXEC5000 Texas Eastern Caprock Cotton Farm**



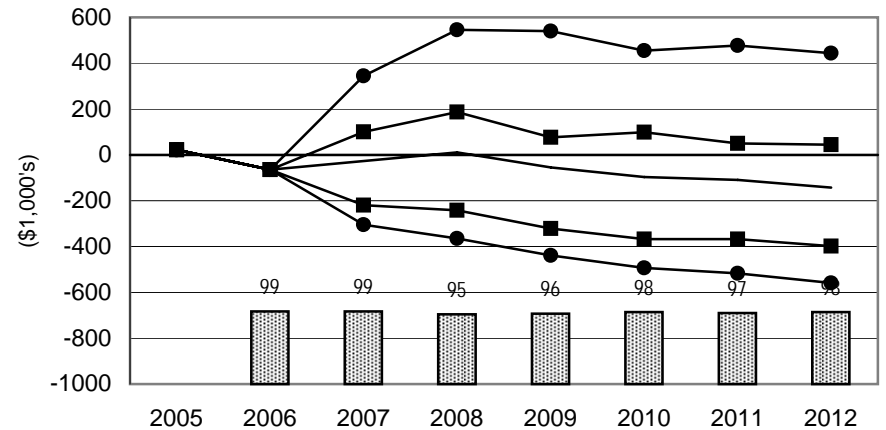
**Figure 25. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Cotton Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

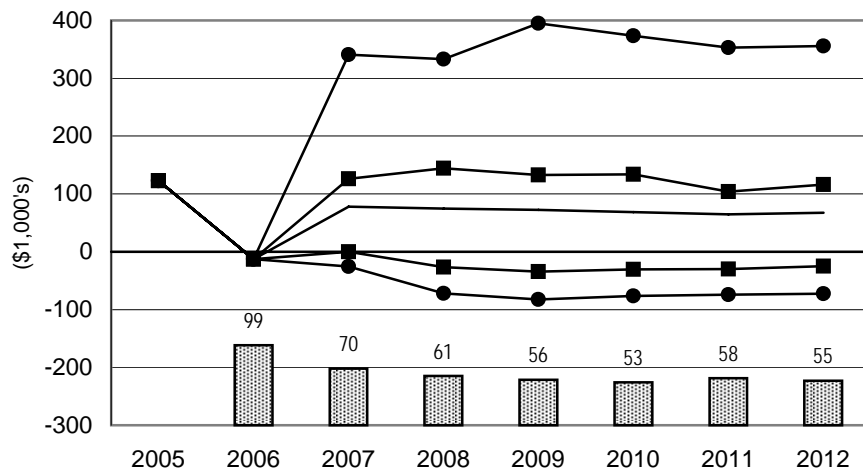
**TXSP2239 Texas Southern Plains Cotton Farm**



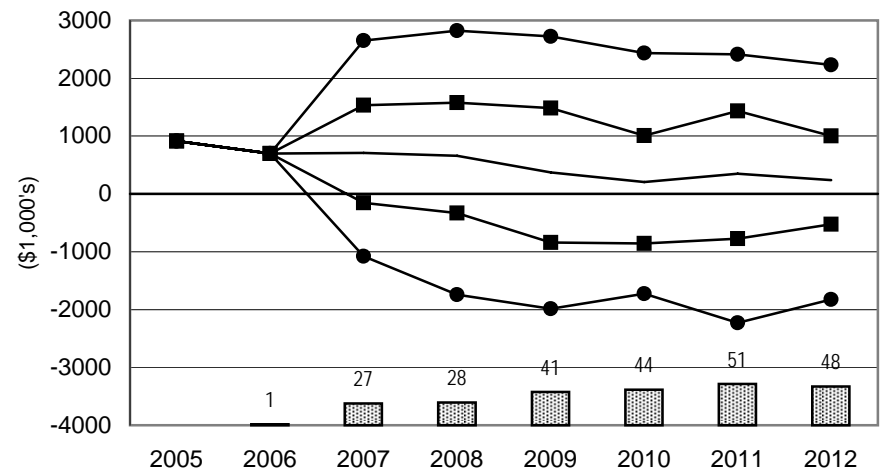
**TXSP3745 Large Texas Southern Plains Cotton Farm**



**TXRP2500 Texas Rolling Plains Cotton Farm**



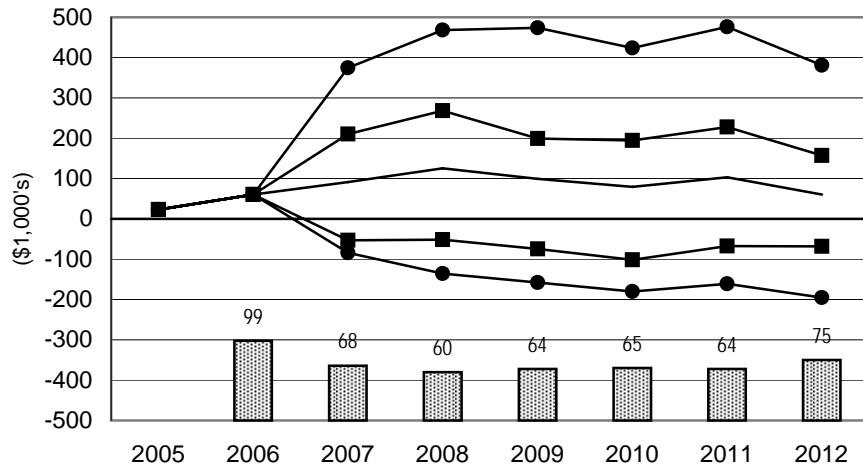
**CAC4000 California Cotton Farm**



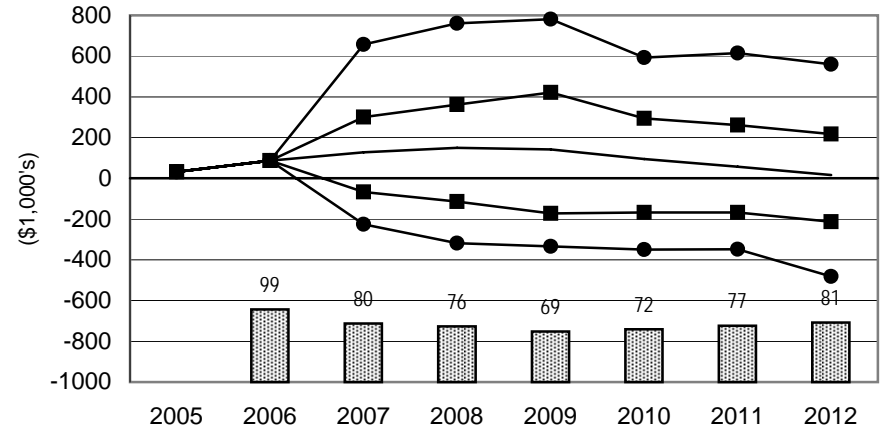
**Figure 26. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Cotton Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

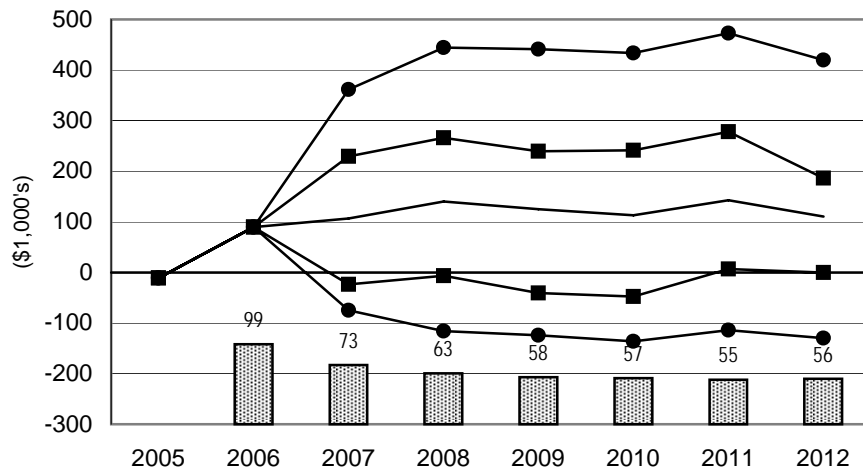
**TXCB2250 Texas Coastal Bend Cotton Farm**



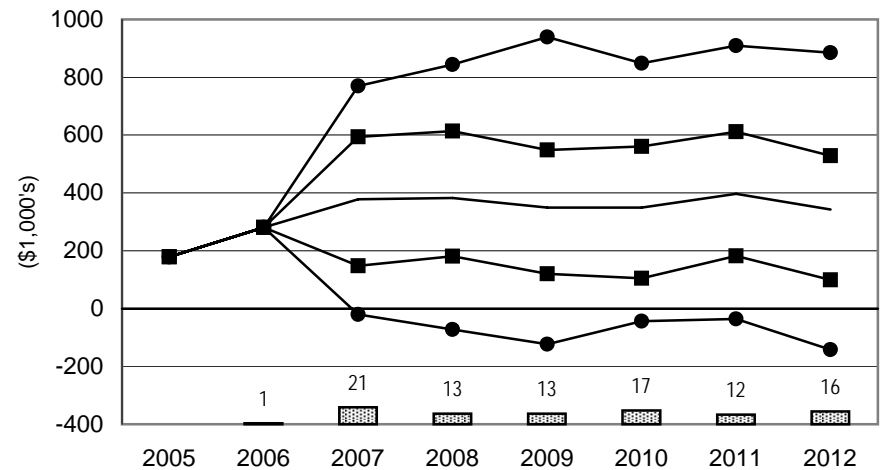
**TXCB5500 Large Texas Coastal Bend Cotton Farm**



**TXMC1800 Texas Mid-Coast Cotton Farm**



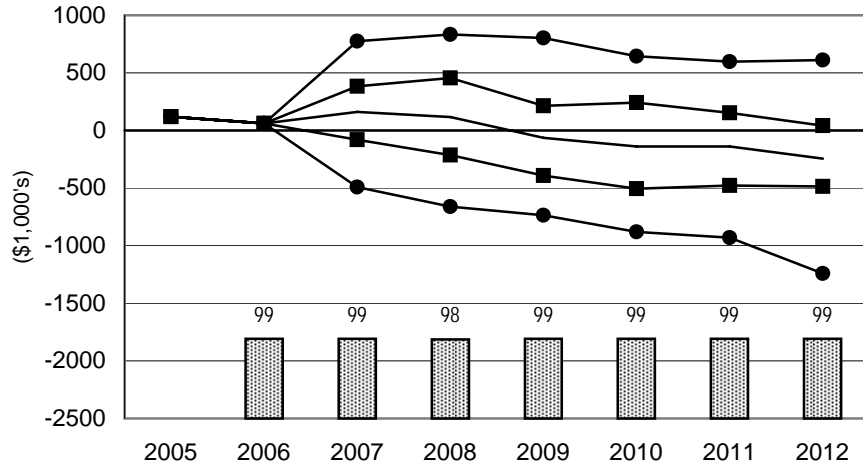
**TXVC4500 Texas Rio Grande Valley Cotton Farm**



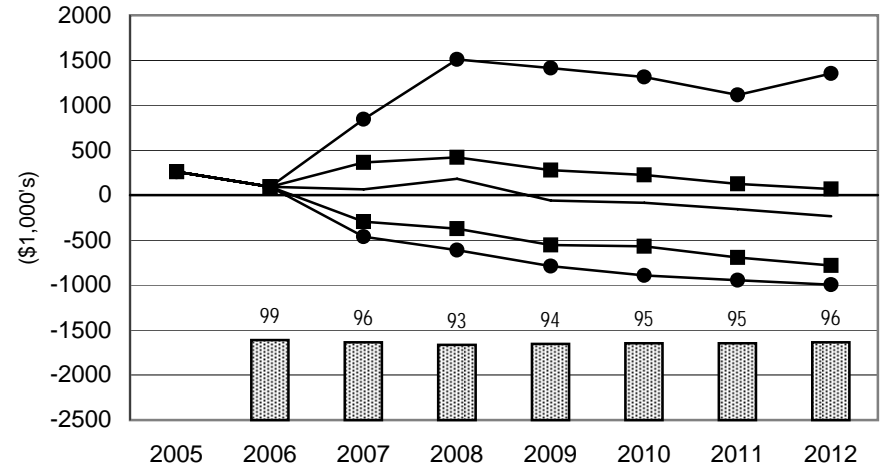
**Figure 27. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Cotton Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

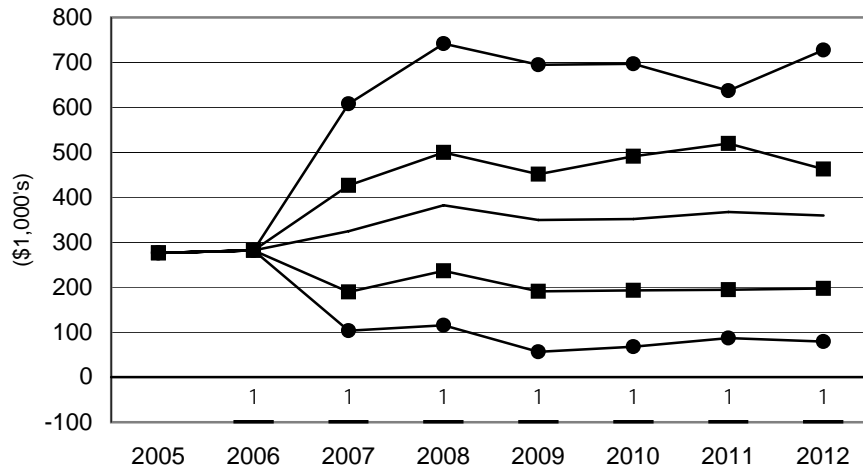
**ARC6000 Arkansas Cotton Farm**



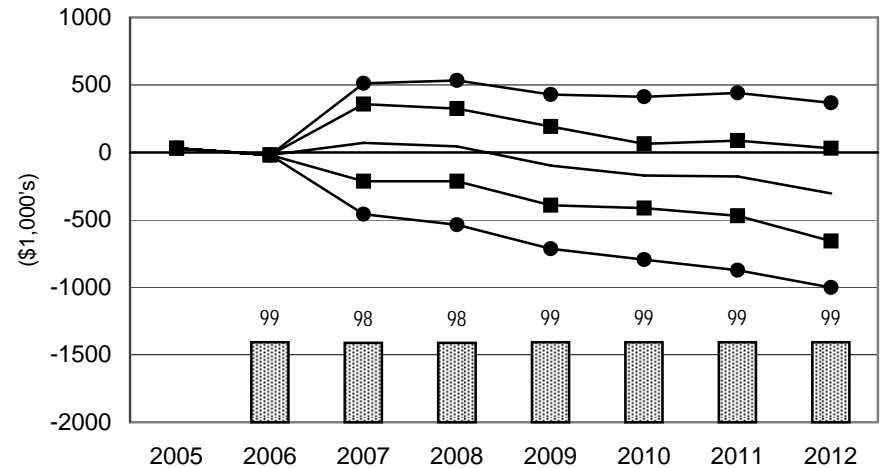
**ARNC5000 Large Northern Arkansas Cotton Farm**



**TNC1900 Tennessee Cotton Farm**



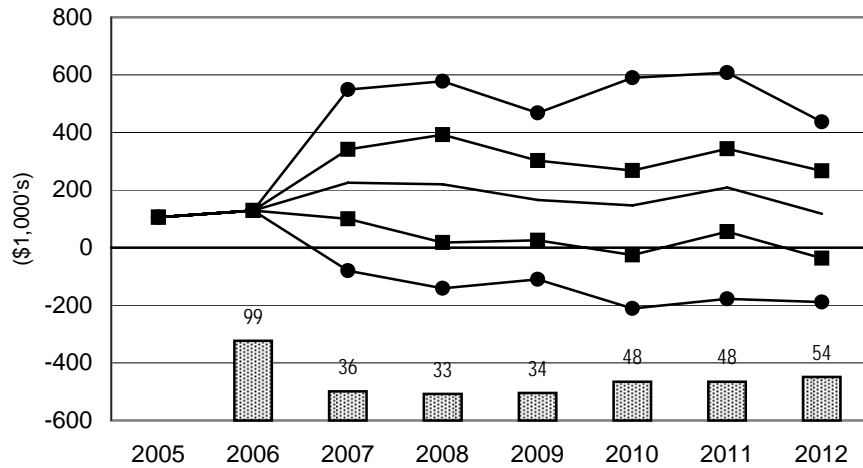
**TNC4050 Large Tennessee Cotton Farm**



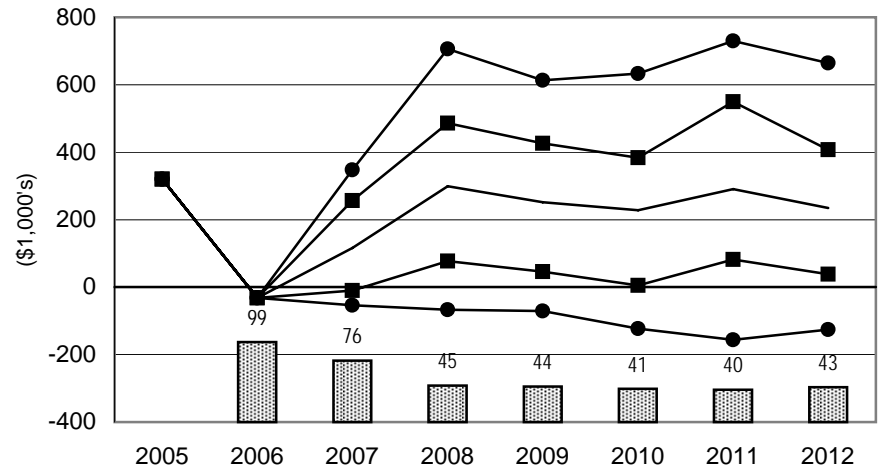
**Figure 28. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Cotton Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

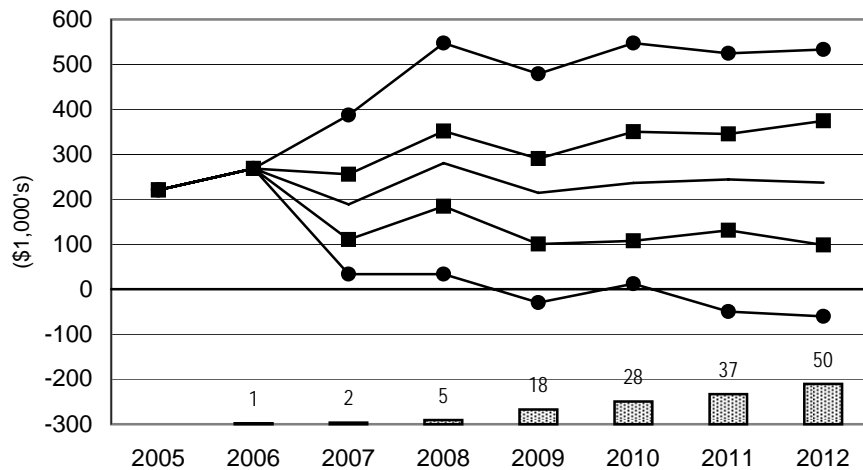
**LAC2640 Louisiana Cotton Farm**



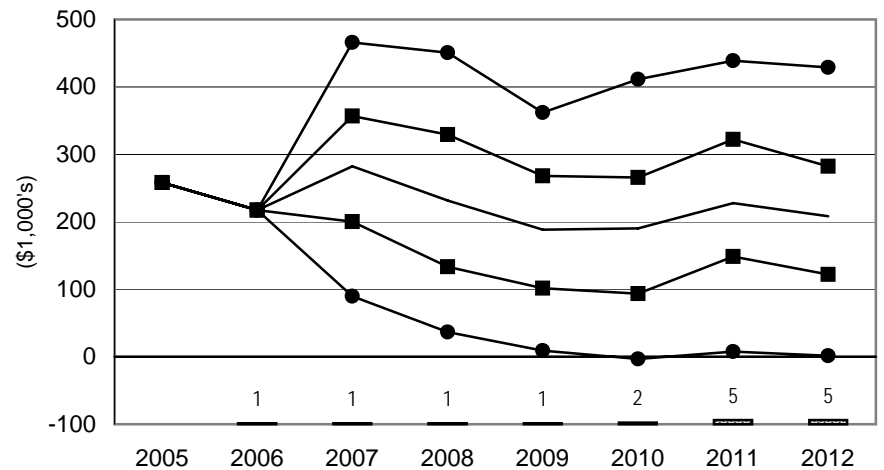
**ALC3000 Alabama Cotton Farm**



**GAC2300 Georgia Cotton Farm**



**NCC1500 North Carolina Cotton Farm**



# Figure 29. Representative Farms Producing Rice



Table 9. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Rice.

	CAR550	CAR2365	CABR1300	CACR715	TXR1350	TXR2400	TXBR1800	TXER3200
<b>Overall Financial Position</b>								
2007-2012 Ranking	Poor	Marginal	Marginal	Marginal	Poor	Poor	Poor	Poor
<b>Change Real Net Worth (%)</b>								
2007-2012 Average	-1.97	3.01	3.27	2.24	-7.94	-32.65	-1.61	-59.27
<b>NIA to Maintain Real Net Worth (%/Rec.)</b>								
2007-2012 Average	1.11	-9.79	-13.99	-9.53	11.72	14.78	23.62	19.41
<b>NIA for Zero Ending Cash Balance (%/Rec.)</b>								
2007-2012 Average	23.28	3.86	2.76	7.47	32.47	23.45	30.74	35.11
<b>Govt Payments/Receipts (%)</b>								
2007-2012 Average	13.29	11.10	12.75	12.28	13.06	11.21	11.67	12.72
<b>Cost to Receipts Ratio (%)</b>								
2007-2012 Average	113.97	102.96	95.37	105.37	115.74	112.74	123.66	123.82
<b>Total Cash Receipts (\$1000)</b>								
2005	506.80	2,394.75	1,236.68	725.23	363.97	753.08	668.57	997.00
2006	483.65	2,318.28	1,299.13	752.02	395.36	829.43	774.90	1,097.40
2007	560.64	2,587.64	1,387.04	792.31	416.81	878.90	609.69	1,161.89
2008	554.00	2,557.61	1,374.29	781.34	416.69	878.92	760.71	1,149.26
2009	559.19	2,581.41	1,391.64	789.15	415.60	876.73	756.31	1,159.59
2010	581.02	2,681.74	1,441.25	821.16	431.80	912.30	777.84	1,210.29
2011	595.29	2,747.63	1,476.57	839.54	434.98	919.09	788.37	1,251.14
2012	587.67	2,712.12	1,454.43	829.80	439.56	929.24	797.98	1,232.77
2007-2012 Average	572.97	2,644.69	1,420.87	808.88	425.91	899.20	748.48	1,194.16
<b>Government Payments (\$1000)</b>								
2005	118.01	488.79	248.52	157.85	97.74	183.23	156.87	264.17
2006	73.84	286.81	146.83	96.13	59.14	105.98	91.74	158.94
2007	65.04	248.81	154.52	84.38	52.10	93.20	80.81	140.89
2008	66.44	255.23	157.97	86.38	53.31	95.86	83.87	145.05
2009	65.90	252.74	156.63	85.58	52.85	94.85	82.20	144.06
2010	65.13	249.22	154.74	84.50	52.11	93.23	81.05	141.43
2011	65.45	250.71	155.53	84.96	52.38	93.83	81.40	143.09
2012	65.08	248.98	154.61	84.43	52.10	93.20	80.88	141.27
2007-2012 Average	65.51	250.95	155.67	85.04	52.47	94.02	81.70	142.63
<b>Net Cash Farm Income (\$1000)</b>								
2005	36.35	299.28	219.56	79.82	2.20	-9.45	-45.90	-88.41
2006	-16.99	144.61	204.38	70.83	1.14	8.05	7.33	-78.77
2007	30.93	330.43	265.57	91.89	-4.07	-0.63	-149.69	-93.44
2008	5.41	248.82	211.04	56.80	-24.47	-42.95	-56.99	-168.56
2009	-7.51	210.49	200.52	42.38	-46.10	-74.77	-102.14	-217.48
2010	-3.40	254.41	235.45	59.43	-51.68	-69.02	-131.49	-240.60
2011	-0.36	289.43	242.52	64.51	-66.38	-81.13	-149.93	-252.78
2012	-40.39	231.32	215.28	52.20	-74.17	-92.49	-183.24	-321.23
2007-2012 Average	-2.55	260.82	228.40	61.20	-44.48	-60.17	-128.91	-215.68
<b>Ending Cash Reserves (\$1000)</b>								
2005	-71.57	30.54	73.88	-0.69	-59.44	-150.38	-126.71	-190.23
2006	-193.54	-90.42	52.01	-22.04	-119.65	-246.50	-206.51	-362.65
2007	-273.38	-78.75	46.99	-39.35	-200.75	-442.54	-452.84	-661.13
2008	-351.75	-100.19	-0.45	-71.27	-288.44	-605.20	-583.37	-948.39
2009	-445.85	-208.12	-40.41	-124.70	-412.25	-802.22	-783.01	-1,300.24
2010	-522.82	-260.66	-75.40	-163.95	-544.99	-965.80	-1,020.01	-1,737.69
2011	-593.09	-312.77	-96.39	-211.50	-694.94	-1,154.53	-1,270.28	-2,146.39
2012	-745.14	-457.58	-165.26	-274.75	-837.56	-1,303.69	-1,581.55	-2,622.48
<b>Nominal Net Worth (\$1000)</b>								
2005	1,240.50	3,879.46	2,795.13	1,431.55	752.79	557.87	275.91	614.45
2006	1,264.74	4,217.89	3,084.67	1,593.37	789.24	484.35	209.72	536.97
2007	1,375.35	4,829.62	3,507.54	1,814.17	817.46	367.30	-15.17	416.04
2008	1,408.98	5,199.42	3,756.32	1,939.06	798.94	210.23	-146.36	206.75
2009	1,373.78	5,312.71	3,869.35	1,967.46	721.42	30.63	-338.27	-79.41
2010	1,345.40	5,445.65	3,957.99	1,994.14	626.42	-99.28	-547.59	-393.89
2011	1,311.06	5,576.86	4,085.34	2,018.92	523.30	-282.36	-789.51	-728.28
2012	1,206.64	5,654.79	4,158.11	2,042.20	429.87	-417.10	-1,078.23	-1,107.03
<b>Prob. of Negative Ending Cash (%)</b>								
2007	99	55	15	69	99	99	99	99
2008	99	51	37	75	99	99	99	99
2009	99	62	45	82	99	99	99	99
2010	99	61	47	86	99	99	99	99
2011	99	59	51	92	99	99	99	99
2012	99	70	55	91	99	99	99	99
<b>Prob. of Decreasing Real Net Worth Over 2005-2012 (%)</b>								
	65	8	3	8	99	99	99	99

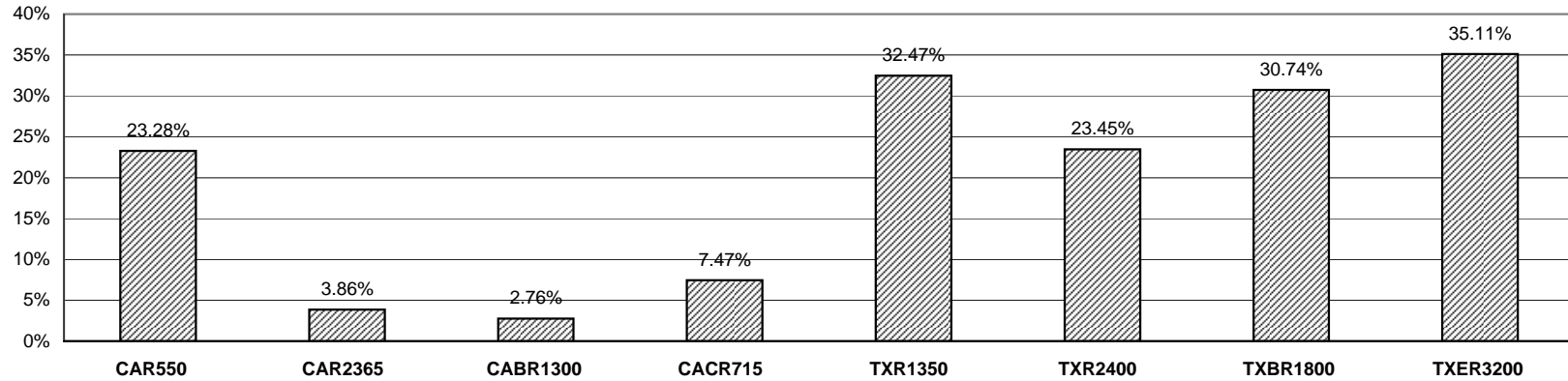
Table 10. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Rice.

	LASR1200	LANR2500	MOWR4000	ARSR3640	ARWR1200	ARHR3000
<b>Overall Financial Position</b>						
2007-2012 Ranking	Poor	Poor	Marginal	Marginal	Poor	Poor
<b>Change Real Net Worth (%)</b>						
2007-2012 Average	304.77	-2.59	5.70	2.13	-14.27	-3.95
<b>NIA to Maintain Real Net Worth (%/Rec.)</b>						
	33.17	2.00	-28.20	-11.01	27.96	5.18
<b>NIA for Zero Ending Cash Balance (%/Rec.)</b>						
	47.60	23.63	-3.61	12.41	66.11	36.97
<b>Govt Payments/Receipts (%)</b>						
2007-2012 Average	10.92	11.12	10.42	11.60	11.11	10.39
<b>Cost to Receipts Ratio (%)</b>						
2007-2012 Average	140.39	103.86	76.94	83.40	135.63	115.72
<b>Total Cash Receipts (\$1000)</b>						
2005	364.69	1,114.13	1,831.90	1,049.62	503.04	1,368.53
2006	398.46	1,210.74	2,067.93	1,156.78	561.70	1,525.24
2007	431.45	1,332.01	2,335.24	1,365.71	651.34	1,726.51
2008	426.29	1,336.75	2,310.46	1,341.70	647.81	1,727.92
2009	433.64	1,338.82	2,270.10	1,315.22	642.14	1,704.74
2010	452.64	1,381.36	2,325.90	1,339.81	669.67	1,780.23
2011	467.61	1,433.95	2,397.14	1,399.87	700.55	1,851.61
2012	460.45	1,421.41	2,410.14	1,396.68	681.10	1,848.89
2007-2012 Average	445.35	1,374.05	2,341.50	1,359.83	665.44	1,773.32
<b>Government Payments (\$1000)</b>						
2005	84.21	271.87	398.86	220.10	109.05	308.81
2006	48.97	179.53	247.19	140.28	67.49	176.52
2007	44.11	150.25	220.13	139.40	66.69	164.21
2008	46.19	148.68	233.00	151.34	72.33	178.53
2009	46.01	147.12	236.78	153.56	72.50	178.91
2010	44.76	142.66	225.03	144.74	69.13	170.14
2011	45.70	148.78	229.77	152.18	72.33	176.69
2012	44.36	140.07	221.04	142.68	67.50	167.69
2007-2012 Average	45.19	146.26	227.62	147.32	70.08	172.69
<b>Net Cash Farm Income (\$1000)</b>						
2005	-72.45	1.61	402.62	189.08	-89.37	-114.36
2006	-79.24	23.76	514.07	224.70	-88.06	-100.78
2007	-80.04	87.37	718.58	363.20	-92.43	-13.64
2008	-113.00	33.53	656.86	320.03	-140.51	-105.66
2009	-140.73	-37.70	578.44	238.19	-194.71	-224.92
2010	-161.16	-43.07	616.06	236.79	-231.71	-234.64
2011	-174.39	-61.61	689.62	271.63	-254.34	-237.57
2012	-205.86	-109.76	717.11	232.31	-336.55	-313.08
2007-2012 Average	-145.86	-21.87	662.78	277.03	-208.37	-188.25
<b>Ending Cash Reserves (\$1000)</b>						
2005	-130.81	-165.35	80.78	-54.11	-192.88	-394.29
2006	-270.32	-327.18	118.61	-110.25	-398.40	-753.12
2007	-415.12	-449.44	160.80	-128.27	-718.14	-1,084.62
2008	-577.05	-634.11	252.82	-103.61	-1,007.40	-1,514.61
2009	-772.08	-922.06	205.50	-251.14	-1,376.36	-2,126.25
2010	-988.51	-1,221.72	205.32	-412.45	-1,841.18	-2,723.17
2011	-1,211.39	-1,620.23	296.65	-570.34	-2,328.47	-3,326.79
2012	-1,467.97	-2,095.48	407.42	-771.02	-2,819.75	-4,019.79
<b>Nominal Net Worth (\$1000)</b>						
2005	150.74	2,568.71	6,588.06	2,539.39	1,516.74	3,303.31
2006	55.39	3,167.14	7,397.52	3,189.16	1,690.70	4,107.17
2007	-55.84	3,488.87	8,473.53	3,596.36	1,627.03	4,475.77
2008	-204.64	3,607.62	9,273.81	3,880.58	1,491.72	4,542.44
2009	-389.35	3,490.14	9,693.10	3,898.09	1,234.78	4,272.27
2010	-583.37	3,354.84	10,142.51	3,904.85	905.65	4,013.88
2011	-805.46	3,149.25	10,691.14	3,975.27	562.87	3,741.94
2012	-1,057.67	2,928.24	11,258.63	4,020.67	238.69	3,397.03
<b>Prob. of Negative Ending Cash (%)</b>						
2007	99	99	35	78	99	99
2008	99	99	35	69	99	99
2009	99	99	40	76	99	99
2010	99	99	33	82	99	99
2011	99	99	37	89	99	99
2012	99	99	34	96	99	99
<b>Prob. of Decreasing Real Net Worth Over 2005-2012 (%)</b>						
	99	39	1	1	99	58

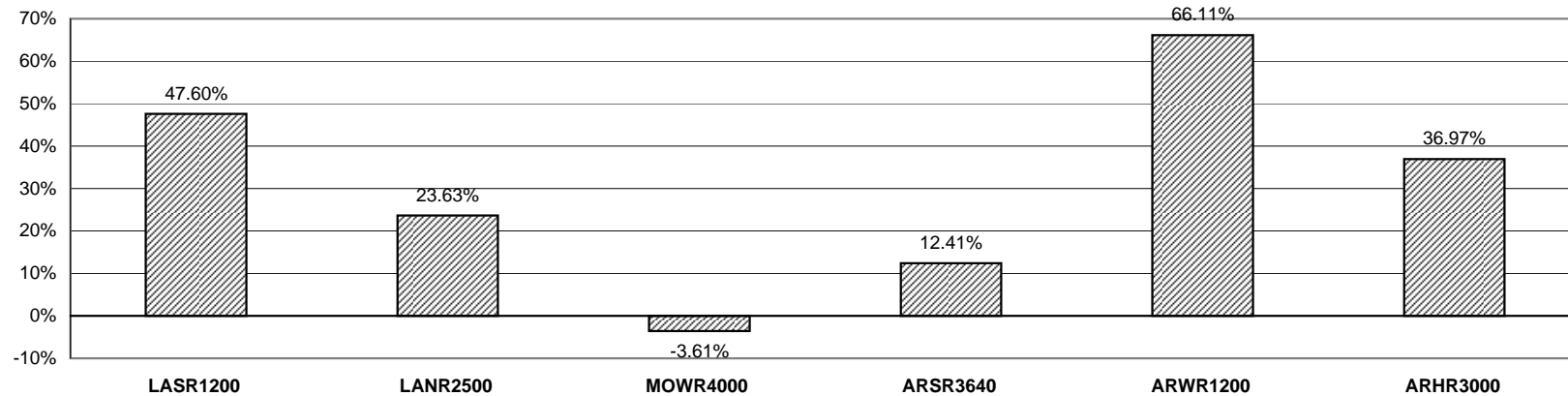


# Figure 30. Rice Farms

## Minimum Annual Percentage Change in Receipts, 2007-2012, Needed to Have a Zero Ending Cash Balance in 2012

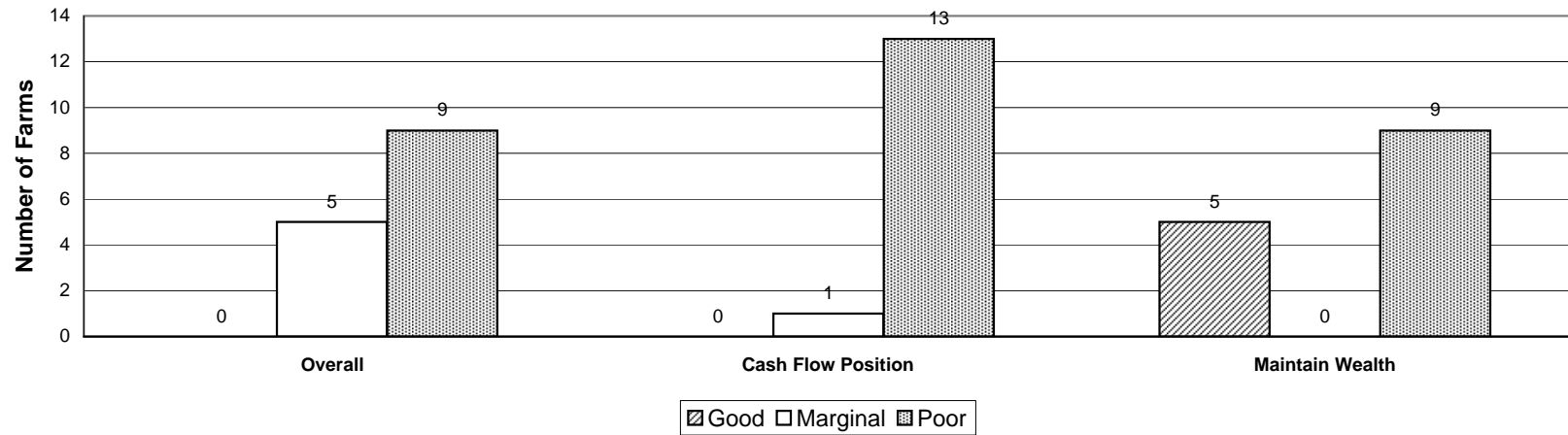


## Minimum Annual Percentage Change in Receipts, 2007-2012, Needed to Have a Zero Ending Cash Balance in 2012



# Figure 31. Rice Farms

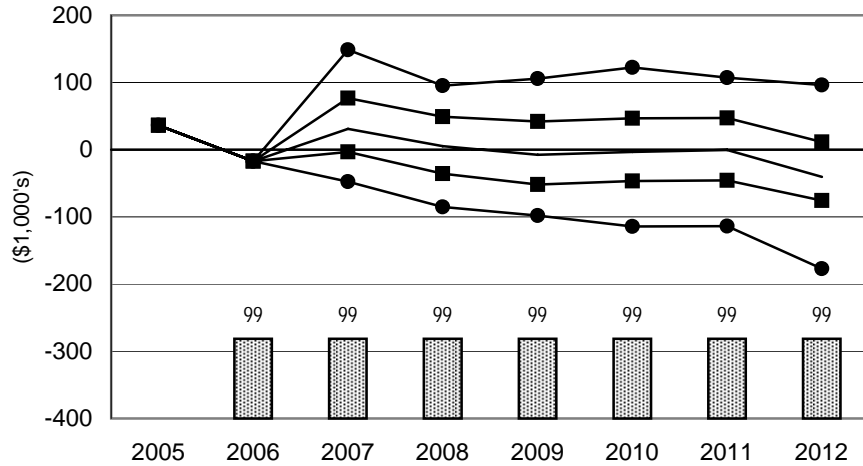
## Economic and Financial Position Over the Period, 2007-2012, for all Rice Farms



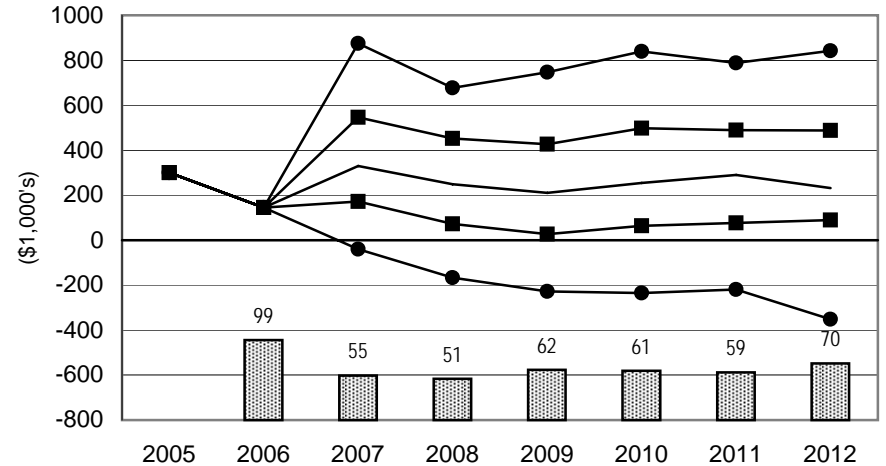
**Figure 32. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Rice Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

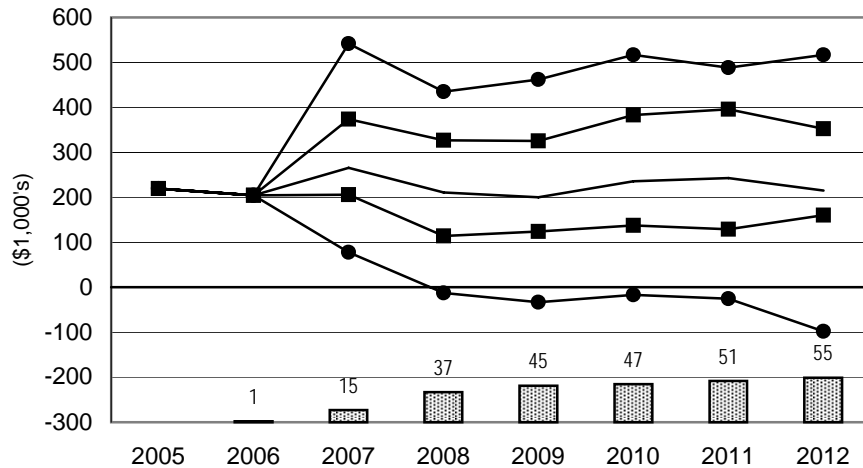
**CAR550 California Rice Farm**



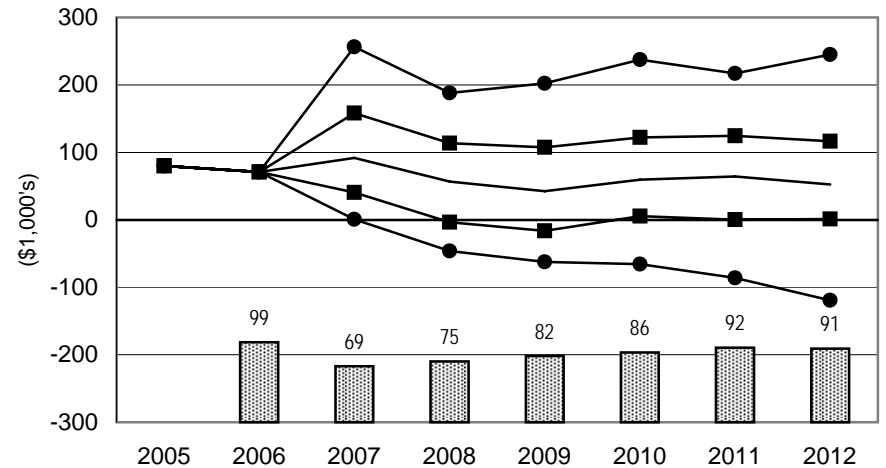
**CAR2365 Large California Rice Farm**



**CABR1300 California Rice Farm**



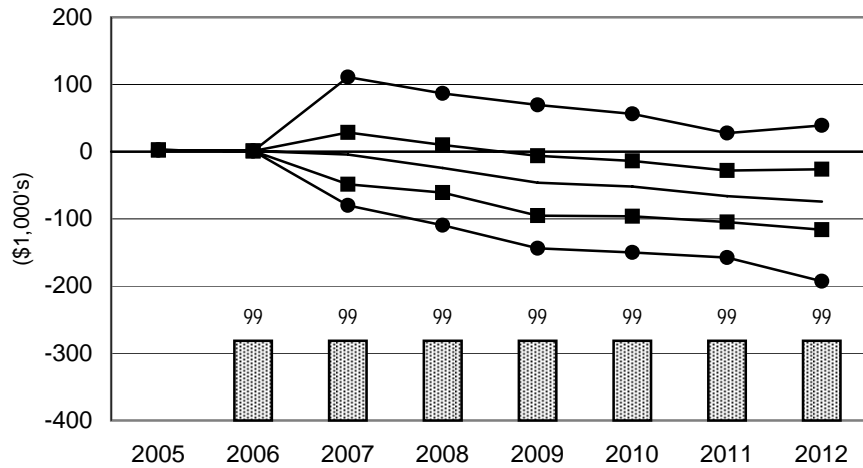
**CACR715 California Rice Farm**



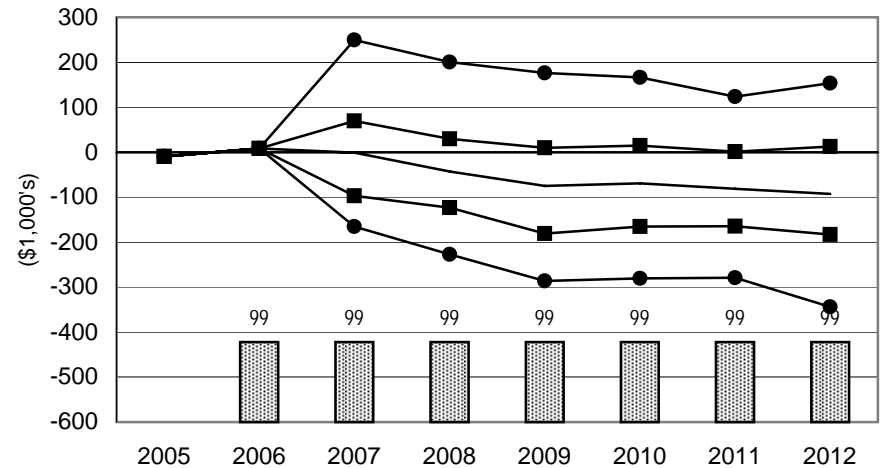
**Figure 33. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Rice Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

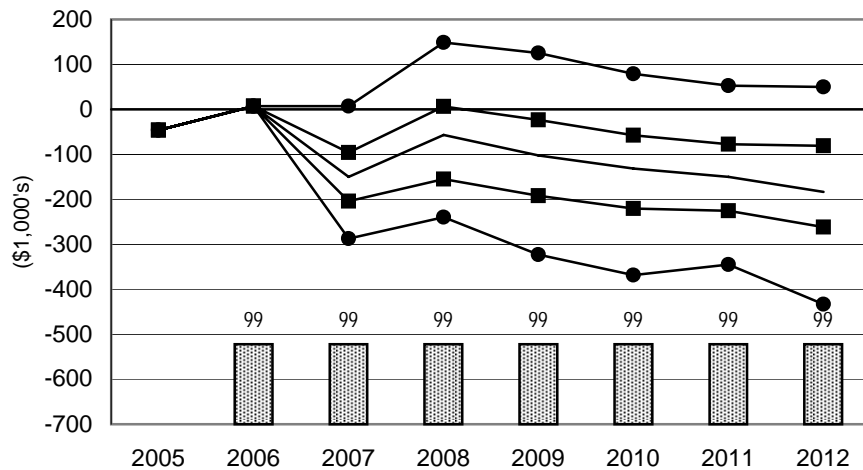
**TXR1350 Texas Rice Farm**



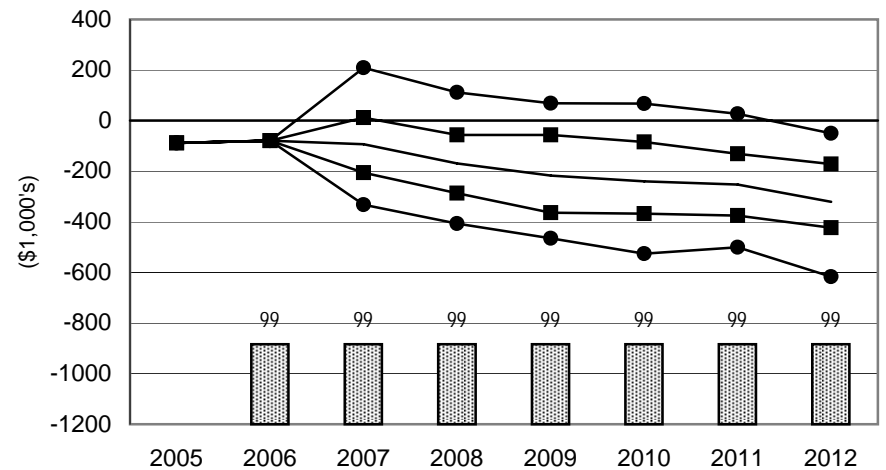
**TXR2400 Large Texas Rice Farm**



**TXBR1800 Texas Bay City Rice Farm**



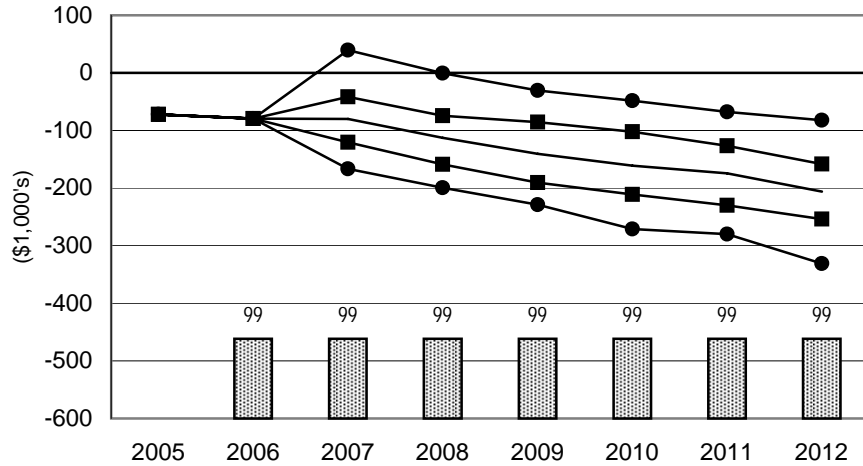
**TXER3200 Texas El Campo Rice Farm**



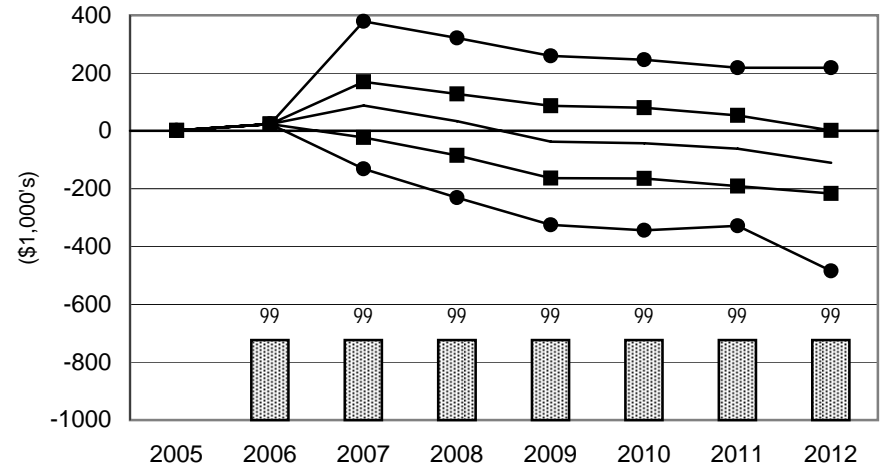
**Figure 34. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Rice Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

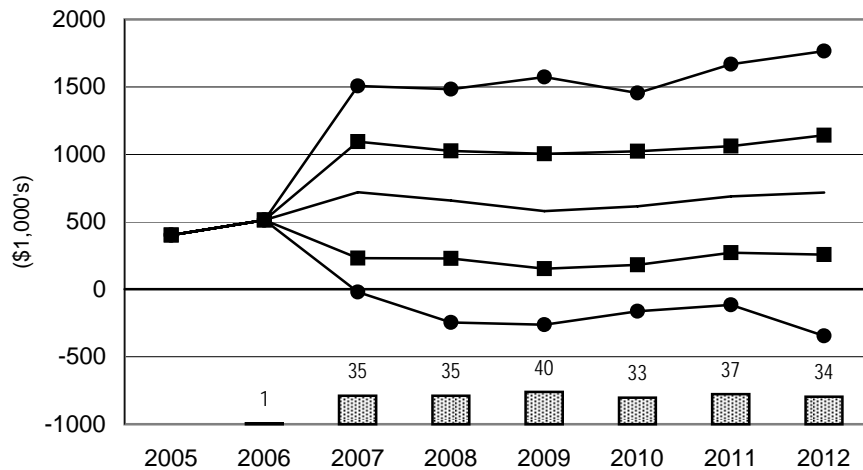
**LASR1200 Southwest Louisiana Rice Farm**



**LANR2500 Northeast Louisiana Rice Farm**



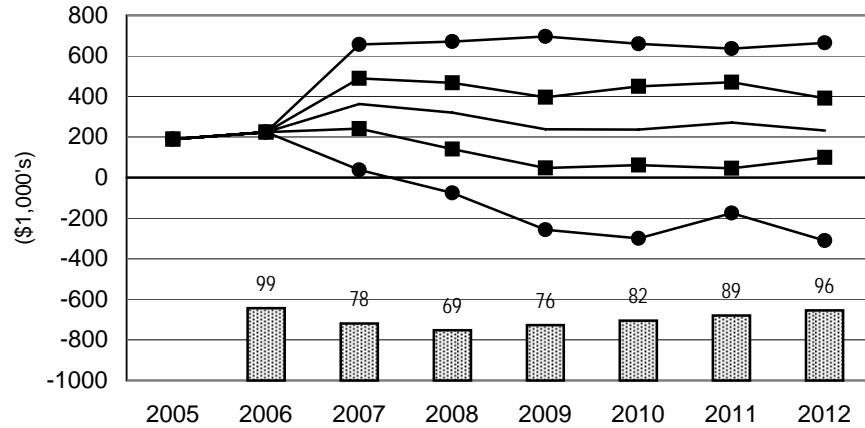
**MOWR4000 Missouri Rice Farm**



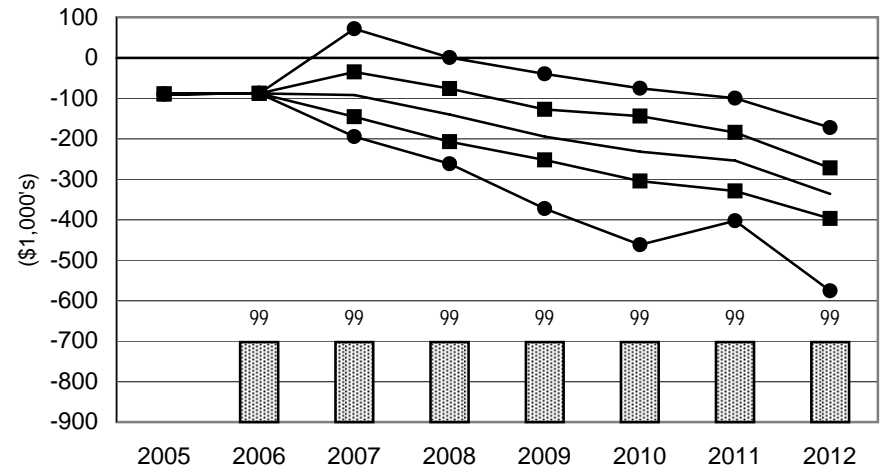
**Figure 35. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Rice Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

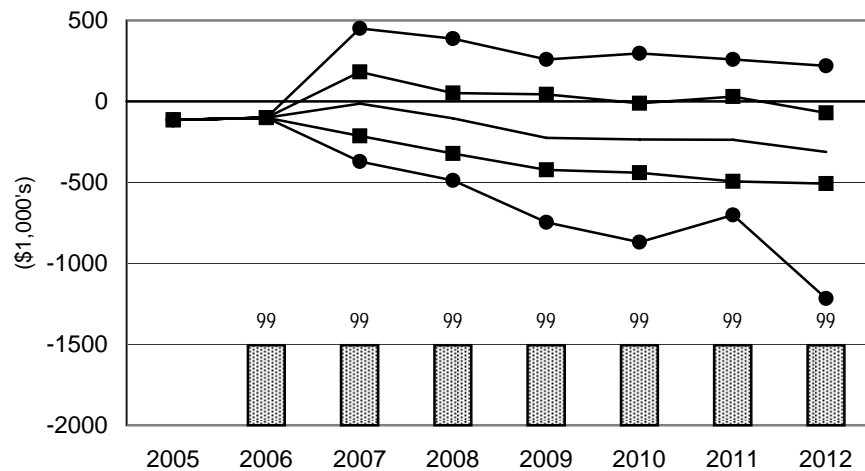
**ARSR3640 Large East Central Arkansas Rice Farm**



**ARWR1200 East Central Arkansas Rice Farm**



**ARHR3000 Northeast Arkansas Rice Farm**





# Figure 36. Representative Farms Producing Milk

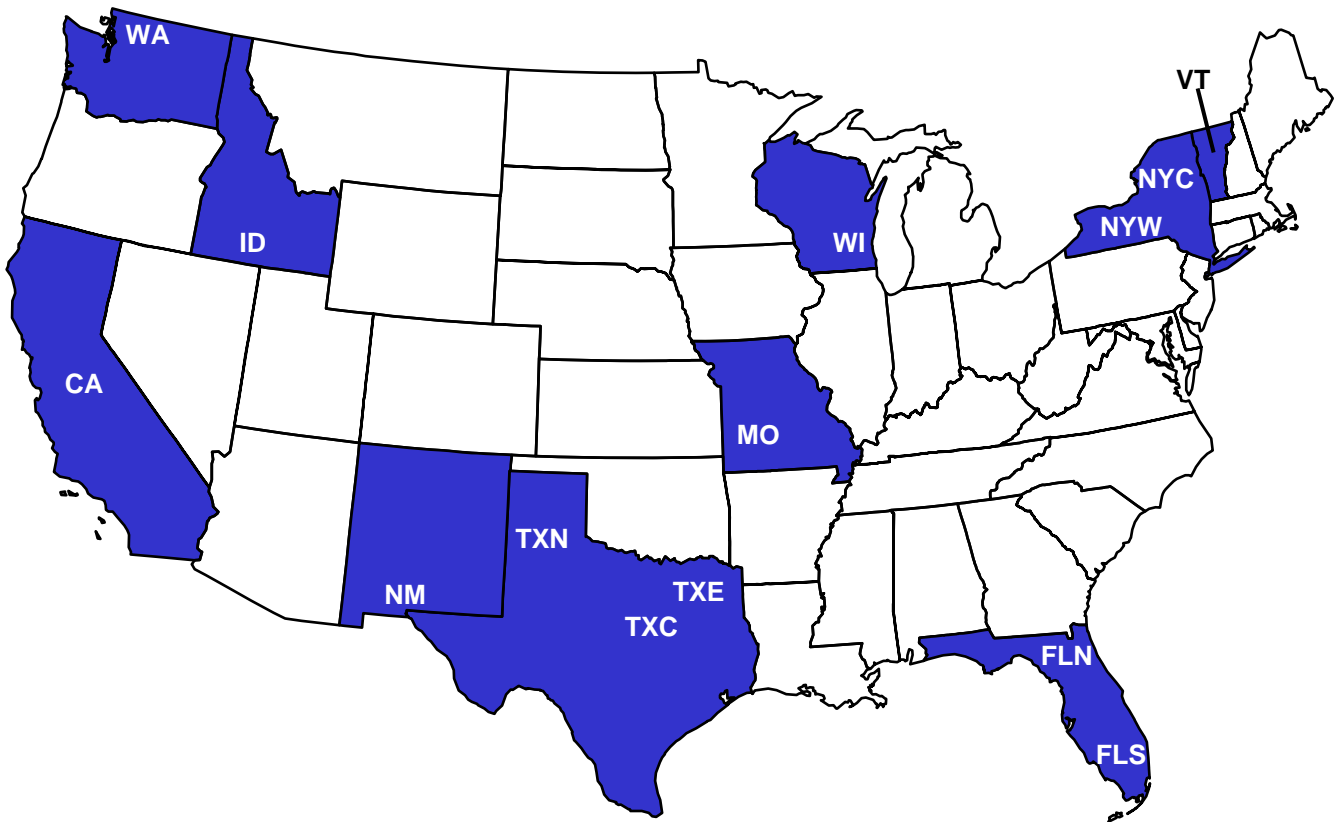




Table 11. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Milk.

	CAD1710	NMD2125	WAD250	WAD850	IDD1000	IDD3000	TXND3000	TXCD550	TXCD1300
<b>Overall Financial Position</b>									
2007-2012 Ranking	Good	Good	Good	Good	Good	Good	Good	Poor	Good
<b>Change Real Net Worth (%)</b>									
2007-2012 Average	7.53	10.10	6.35	3.67	7.30	8.42	4.99	-5.56	8.13
<b>NIA to Maintain Real Net Worth (%/Rec.)</b>									
	-25.51	-24.25	-25.58	-9.81	-18.40	-24.84	-9.06	3.47	-17.92
<b>NIA for Zero Ending Cash Balance (%/Rec.)</b>									
	-19.66	-22.26	-10.27	-1.97	-12.70	-19.57	-8.31	11.88	-17.31
<b>Govt Payments/Receipts (%)</b>									
2007-2012 Average	0.35	0.00	0.22	0.40	0.00	0.23	0.00	0.00	0.00
<b>Cost to Receipts Ratio (%)</b>									
2007-2012 Average	77.21	74.55	74.80	89.13	82.30	75.45	88.15	104.49	79.21
<b>Total Cash Receipts (\$1000)</b>									
2005	6,023.58	7,265.65	934.48	3,195.23	3,786.18	11,096.75	9,747.66	1,678.43	4,431.09
2006	5,135.02	6,299.97	814.01	2,722.49	3,263.01	9,473.30	8,528.41	1,490.74	3,935.41
2007	7,536.03	9,076.88	1,158.60	4,003.12	4,700.72	13,805.84	12,377.78	2,115.71	5,557.14
2008	7,258.03	8,577.95	1,114.77	3,841.04	4,483.29	13,156.09	11,715.79	2,008.54	5,282.93
2009	7,186.70	8,462.55	1,088.94	3,749.26	4,404.14	12,922.79	11,511.33	1,975.41	5,203.03
2010	7,277.60	8,660.32	1,121.31	3,863.97	4,532.16	13,306.56	11,740.02	2,016.22	5,314.42
2011	7,317.77	8,692.15	1,126.07	3,879.97	4,576.43	13,443.39	11,762.54	2,021.36	5,328.70
2012	7,371.49	8,771.33	1,132.83	3,904.28	4,589.08	13,479.56	11,861.19	2,038.50	5,376.50
2007-2012 Average	7,324.60	8,706.86	1,123.75	3,873.60	4,547.63	13,352.37	11,828.11	2,029.29	5,343.79
<b>Government Payments (\$1000)</b>									
2005	37.83	0.00	5.65	31.99	0.00	64.63	0.00	0.00	0.00
2006	39.36	14.71	16.98	31.73	14.71	49.72	14.71	14.71	14.71
2007	22.35	0.00	2.13	13.74	0.00	27.38	0.00	0.00	0.00
2008	27.13	0.00	2.62	16.15	0.00	32.01	0.00	0.00	0.00
2009	26.64	0.00	2.63	16.24	0.00	32.33	0.00	0.00	0.00
2010	25.01	0.00	2.38	14.97	0.00	29.85	0.00	0.00	0.00
2011	26.81	0.00	2.75	16.76	0.00	33.68	0.00	0.00	0.00
2012	24.39	0.00	2.25	14.48	0.00	28.99	0.00	0.00	0.00
2007-2012 Average	25.39	0.00	2.46	15.39	0.00	30.71	0.00	0.00	0.00
<b>Net Cash Farm Income (\$1000)</b>									
2005	1,487.69	1,953.39	217.33	382.02	681.82	2,740.36	1,524.36	80.97	1,048.07
2006	244.21	557.63	48.26	-319.43	-32.77	603.01	-395.52	-247.83	257.76
2007	2,114.87	2,784.26	330.86	658.29	1,127.89	4,111.65	2,378.79	122.75	1,476.70
2008	1,689.50	2,195.35	280.08	459.97	829.86	3,292.83	1,492.81	-37.99	1,118.35
2009	1,614.26	2,119.15	267.74	396.43	753.81	3,060.49	1,323.79	-83.92	1,055.82
2010	1,622.57	2,240.40	297.64	476.63	819.83	3,339.36	1,393.49	-98.88	1,107.93
2011	1,612.65	2,193.48	300.25	454.14	824.24	3,409.35	1,278.78	-139.14	1,080.61
2012	1,587.84	2,176.59	298.27	421.79	794.81	3,361.85	1,204.44	-178.90	1,077.28
2007-2012 Average	1,706.95	2,284.87	295.81	477.88	858.41	3,429.26	1,512.02	-69.35	1,152.78
<b>Ending Cash Reserves (\$1000)</b>									
2005	710.05	1,040.95	51.36	99.41	327.40	1,338.50	882.76	-0.94	555.10
2006	607.55	1,019.72	-40.53	-441.61	130.90	1,146.39	195.93	-340.38	475.40
2007	1,857.51	2,656.02	100.05	-57.64	737.51	3,421.61	1,769.50	-325.61	1,356.34
2008	2,697.56	3,718.49	164.93	51.53	1,121.94	4,934.22	2,554.99	-486.44	1,897.16
2009	3,519.63	4,740.35	219.73	87.60	1,450.08	6,276.84	3,207.10	-687.54	2,420.66
2010	4,352.19	5,849.21	309.23	199.22	1,763.02	7,839.71	3,931.68	-902.60	2,992.77
2011	5,160.11	6,988.10	386.99	314.45	2,105.63	9,371.12	4,611.84	-1,137.00	3,559.42
2012	5,944.65	8,111.60	454.85	365.32	2,429.87	10,868.64	5,199.99	-1,385.91	4,135.51
<b>Nominal Net Worth (\$1000)</b>									
2005	10,693.25	8,720.32	2,132.61	5,185.71	5,214.72	17,166.75	11,711.17	2,186.98	5,418.99
2006	11,111.63	8,918.93	2,212.81	4,809.88	5,194.72	17,622.06	10,804.51	1,923.62	5,352.05
2007	13,410.00	11,211.00	2,622.66	5,625.12	6,280.10	21,452.05	12,765.15	2,144.90	6,518.91
2008	14,972.64	12,732.45	2,889.99	5,998.66	6,998.38	24,065.40	13,826.27	2,117.54	7,231.67
2009	16,025.39	13,866.49	3,051.41	6,141.02	7,431.47	25,801.40	14,371.12	1,954.24	7,743.77
2010	17,071.31	15,168.16	3,238.45	6,361.55	7,891.79	27,783.76	15,107.62	1,801.89	8,351.44
2011	18,201.70	16,534.08	3,421.48	6,637.47	8,432.72	29,909.78	15,873.84	1,642.61	9,005.93
2012	19,279.41	17,797.97	3,587.99	6,799.17	8,929.31	31,947.77	16,410.33	1,436.49	9,587.97
<b>Prob. of Negative Ending Cash (%)</b>									
2007	1	1	12	55	1	1	3	94	1
2008	1	1	13	44	2	1	4	92	1
2009	1	1	9	41	1	1	8	97	1
2010	1	1	6	36	1	1	4	98	1
2011	1	1	6	35	1	1	6	99	1
2012	1	1	5	34	1	1	6	98	1
<b>Prob. of Decreasing Real Net Worth Over 2005-2012 (%)</b>									
	1	1	1	2	1	1	1	27	1

Table 12. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Milk.

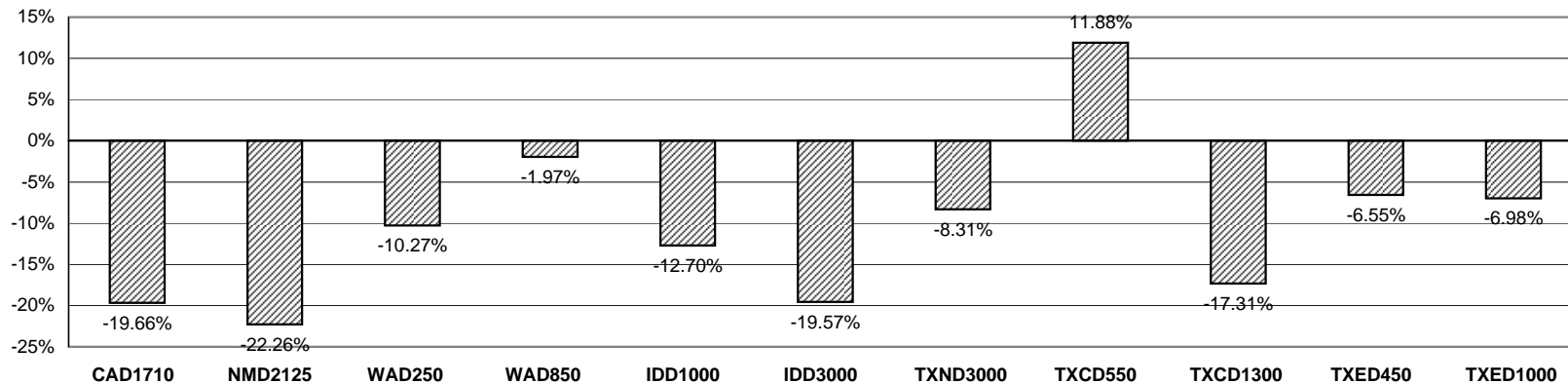
	TXED450	TXED1000	WID145	WID775	NYWD800	NYWD1200	NYCD110	NYCD500
<b>Overall Financial Position</b>								
2007-2012 Ranking	Good	Good	Good	Good	Marginal	Good	Good	Good
<b>Change Real Net Worth (%)</b>								
2007-2012 Average	4.86	4.74	5.12	11.41	3.18	3.04	8.94	5.72
<b>NIA to Maintain Real Net Worth (%/Rec.)</b>								
	-13.88	-11.91	-33.44	-33.53	-8.79	-9.45	-32.40	-17.95
<b>NIA for Zero Ending Cash Balance (%/Rec.)</b>								
	-6.55	-6.98	-10.12	-32.57	0.39	-2.04	-29.55	-7.85
<b>Govt Payments/Receipts (%)</b>								
2007-2012 Average	0.00	0.00	0.71	0.39	0.53	0.49	0.61	0.45
<b>Cost to Receipts Ratio (%)</b>								
2007-2012 Average	85.02	84.62	71.58	65.98	91.18	90.27	62.81	81.55
<b>Total Cash Receipts (\$1000)</b>								
2005	1,351.45	3,251.04	620.45	3,305.80	3,261.28	4,868.04	504.78	2,149.56
2006	1,207.15	2,867.16	550.38	2,877.95	2,806.74	4,190.11	452.98	1,869.69
2007	1,692.68	4,103.50	742.98	3,968.21	4,019.58	5,986.83	612.78	2,631.64
2008	1,603.30	3,901.40	715.85	3,822.89	3,815.90	5,687.40	584.29	2,504.02
2009	1,586.09	3,829.05	702.70	3,759.46	3,747.75	5,587.03	574.94	2,462.69
2010	1,610.86	3,961.00	723.15	3,883.88	3,789.67	5,649.84	581.64	2,492.12
2011	1,628.74	3,970.44	732.31	3,934.53	3,832.13	5,713.05	588.21	2,520.52
2012	1,636.67	4,003.56	732.13	3,938.84	3,835.88	5,718.67	588.98	2,523.98
2007-2012 Average	1,626.39	3,961.49	724.85	3,884.64	3,840.15	5,723.81	588.47	2,522.50
<b>Government Payments (\$1000)</b>								
2005	0.00	0.00	8.39	30.57	28.66	39.41	5.12	15.89
2006	14.71	14.71	19.39	31.25	47.92	60.42	20.53	33.13
2007	0.00	0.00	4.33	12.97	19.64	26.96	3.48	10.90
2008	0.00	0.00	5.46	15.82	20.08	27.56	3.57	11.14
2009	0.00	0.00	5.45	15.97	20.28	27.84	3.60	11.25
2010	0.00	0.00	5.02	14.48	19.95	27.39	3.54	11.07
2011	0.00	0.00	5.66	16.51	20.26	27.81	3.61	11.24
2012	0.00	0.00	4.77	14.11	20.37	27.97	3.60	11.30
2007-2012 Average	0.00	0.00	5.12	14.98	20.10	27.59	3.57	11.15
<b>Net Cash Farm Income (\$1000)</b>								
2005	217.26	533.54	183.94	1,207.43	421.81	729.37	194.16	447.06
2006	-2.11	9.71	91.39	637.84	-213.68	-230.46	121.28	51.57
2007	376.74	949.67	258.93	1,511.89	682.30	1,126.28	255.15	674.52
2008	261.79	666.31	222.98	1,327.56	427.30	707.52	219.02	496.97
2009	233.29	556.66	201.17	1,259.84	317.74	514.45	210.68	434.02
2010	237.92	623.78	199.76	1,353.99	282.54	458.30	214.62	429.46
2011	243.27	600.65	202.04	1,383.69	280.70	449.58	216.28	438.72
2012	236.99	595.13	202.46	1,354.40	225.85	354.79	214.59	423.25
2007-2012 Average	265.00	665.37	214.56	1,365.23	369.40	601.82	221.72	482.82
<b>Ending Cash Reserves (\$1000)</b>								
2005	94.94	232.32	68.41	706.41	148.39	340.78	92.08	141.34
2006	-20.37	-40.40	42.36	913.11	-342.67	-287.36	121.30	-4.98
2007	171.55	440.83	121.90	1,733.17	-3.88	394.63	231.14	302.82
2008	263.60	692.03	193.38	2,399.47	56.11	606.92	315.87	444.84
2009	321.45	834.17	246.02	3,001.60	45.17	663.65	391.20	533.91
2010	383.95	1,031.83	266.09	3,693.11	36.14	692.28	473.30	627.19
2011	449.86	1,202.08	272.53	4,383.31	29.43	661.18	548.09	683.70
2012	507.68	1,353.57	271.09	5,078.86	-70.32	558.49	634.30	748.10
<b>Nominal Net Worth (\$1000)</b>								
2005	2,284.97	4,899.68	2,102.95	4,464.16	4,550.52	7,185.20	757.66	3,105.65
2006	2,306.69	4,671.72	2,295.42	4,817.66	4,453.52	7,023.89	840.24	3,216.51
2007	2,732.21	5,547.04	2,684.67	6,027.42	5,395.48	8,464.89	1,026.92	3,919.12
2008	2,982.51	6,027.40	2,963.35	6,935.22	5,828.38	9,126.35	1,158.94	4,310.12
2009	3,099.13	6,221.79	3,107.93	7,620.16	5,966.74	9,323.65	1,252.48	4,528.20
2010	3,225.93	6,501.45	3,214.24	8,403.72	6,121.36	9,531.97	1,353.53	4,744.28
2011	3,370.42	6,812.50	3,345.27	9,232.61	6,271.76	9,780.04	1,456.21	4,982.65
2012	3,492.56	7,051.58	3,476.75	10,038.83	6,355.43	9,899.98	1,561.69	5,207.06
<b>Prob. of Negative Ending Cash (%)</b>								
2007	10	12	1	1	44	22	1	3
2008	13	16	1	1	39	19	1	3
2009	12	16	1	1	44	16	1	2
2010	11	12	1	1	43	20	1	3
2011	11	13	2	1	40	21	1	5
2012	10	11	5	1	48	22	1	2
<b>Prob. of Decreasing Real Net Worth Over 2005-2012 (%)</b>								
	1	1	1	1	1	1	1	1

Table 13. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Milk.

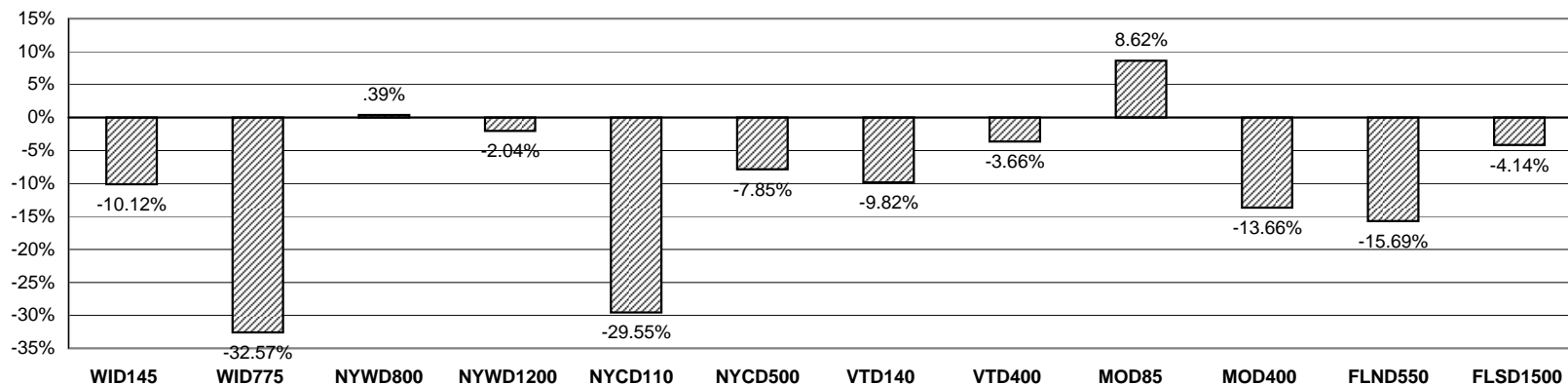
	VTD140	VTD400	MOD85	MOD400	FLND550	FLSD1500
<b>Overall Financial Position</b>						
2007-2012 Ranking	Good	Good	Marginal	Good	Good	Good
<b>Change Real Net Worth (%)</b>						
2007-2012 Average	5.09	3.73	4.24	6.71	7.76	4.73
<b>NIA to Maintain Real Net Worth (%/Rec.)</b>						
	-19.62	-13.68	-24.92	-24.57	-24.97	-12.10
<b>NIA for Zero Ending Cash Balance (%/Rec.)</b>						
	-9.82	-3.66	8.62	-13.66	-15.69	-4.14
<b>Govt Payments/Receipts (%)</b>						
2007-2012 Average	0.56	0.75	0.00	0.00	0.00	0.00
<b>Cost to Receipts Ratio (%)</b>						
2007-2012 Average	74.74	85.02	78.47	76.27	75.01	89.84
<b>Total Cash Receipts (\$1000)</b>						
2005	602.32	1,609.80	271.99	1,431.52	1,918.85	5,278.79
2006	556.75	1,445.19	247.27	1,260.88	1,812.64	4,983.85
2007	745.73	1,992.43	330.84	1,760.01	2,438.61	6,694.28
2008	712.09	1,897.96	319.67	1,697.66	2,336.65	6,422.43
2009	701.67	1,869.67	312.20	1,659.16	2,310.29	6,354.30
2010	713.15	1,900.90	321.51	1,713.83	2,359.04	6,491.08
2011	717.13	1,911.57	322.81	1,721.39	2,377.49	6,542.82
2012	720.96	1,922.87	324.86	1,734.82	2,396.01	6,595.00
2007-2012 Average	718.46	1,915.90	321.98	1,714.48	2,369.68	6,516.65
<b>Government Payments (\$1000)</b>						
2005	6.06	21.88	0.00	0.00	0.00	0.00
2006	21.87	40.57	9.65	14.71	14.71	14.71
2007	3.88	14.00	0.00	0.00	0.00	0.00
2008	3.97	14.33	0.00	0.00	0.00	0.00
2009	4.01	14.48	0.00	0.00	0.00	0.00
2010	3.94	14.23	0.00	0.00	0.00	0.00
2011	4.01	14.47	0.00	0.00	0.00	0.00
2012	4.03	14.56	0.00	0.00	0.00	0.00
2007-2012 Average	3.97	14.35	0.00	0.00	0.00	0.00
<b>Net Cash Farm Income (\$1000)</b>						
2005	144.58	228.81	69.62	405.47	503.84	445.26
2006	66.55	-17.92	29.43	151.71	264.30	-157.08
2007	217.42	421.31	84.54	510.54	679.53	1,028.03
2008	178.15	302.96	70.20	415.73	548.17	661.69
2009	174.36	273.50	66.67	384.44	583.23	646.37
2010	182.69	282.89	72.92	421.92	625.65	715.59
2011	181.07	268.71	72.19	417.82	624.05	683.12
2012	180.79	253.51	72.19	416.47	628.97	649.66
2007-2012 Average	185.75	300.48	73.12	427.82	614.94	730.74
<b>Ending Cash Reserves (\$1000)</b>						
2005	53.54	70.09	0.48	167.91	225.20	116.48
2006	5.23	-121.23	-41.79	144.50	215.99	-263.55
2007	74.62	69.07	-38.64	356.54	524.65	242.76
2008	123.27	151.51	-42.73	507.89	702.60	479.39
2009	161.38	206.88	-59.56	616.33	910.28	696.52
2010	209.09	271.12	-76.48	750.43	1,133.19	981.59
2011	252.98	304.80	-100.76	870.82	1,347.25	1,213.91
2012	293.33	320.49	-124.74	987.44	1,566.86	1,404.04
<b>Nominal Net Worth (\$1000)</b>						
2005	1,210.56	2,991.70	1,025.53	2,894.57	3,297.93	8,676.26
2006	1,390.67	3,315.37	1,103.78	3,085.68	3,600.55	8,981.27
2007	1,605.16	3,827.22	1,281.02	3,660.92	4,340.17	10,463.52
2008	1,755.15	4,133.32	1,395.16	4,065.19	4,818.21	11,347.14
2009	1,832.38	4,267.09	1,446.52	4,306.04	5,174.55	11,826.41
2010	1,913.70	4,403.08	1,492.81	4,560.35	5,527.95	12,315.50
2011	2,005.99	4,539.49	1,541.81	4,831.38	5,912.73	12,831.02
2012	2,075.66	4,637.93	1,592.25	5,086.10	6,299.85	13,306.94
<b>Prob. of Negative Ending Cash (%)</b>						
2007	5	28	84	1	1	32
2008	5	23	80	1	1	31
2009	3	20	83	1	2	31
2010	3	21	83	1	2	28
2011	2	16	89	2	1	25
2012	2	15	92	1	1	22
<b>Prob. of Decreasing Real Net Worth Over 2005-2012 (%)</b>						
	1	1	1	1	1	1

# Figure 37. Dairy Farms

Minimum Annual Percentage Change in Receipts, 2007-2012, Needed to Have a Zero Ending Cash Balance in 2012

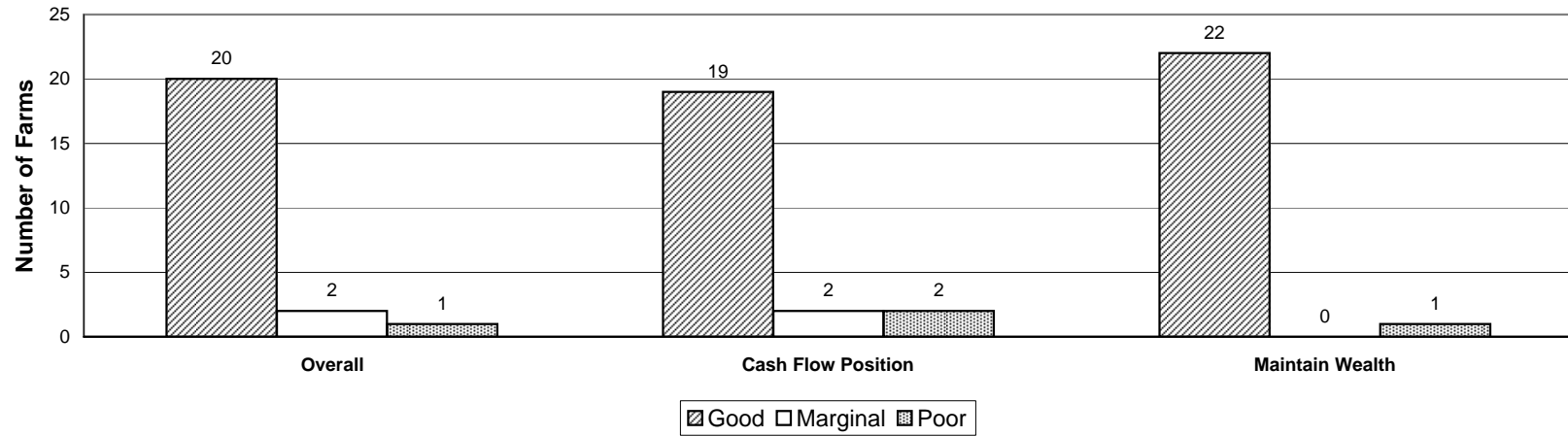


Minimum Annual Percentage Change in Receipts, 2007-2012, Needed to Have a Zero Ending Cash Balance in 2012



# Figure 38. Dairy Farms

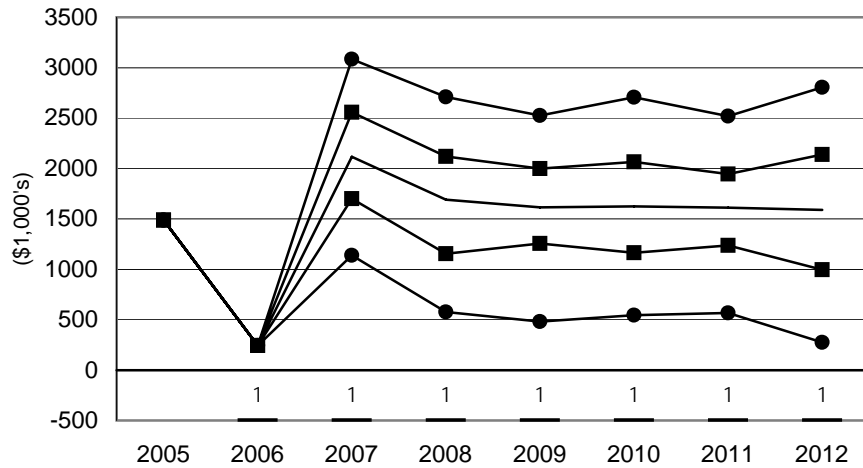
## Economic and Financial Position Over the Period, 2007-2012, for all Dairy Farms



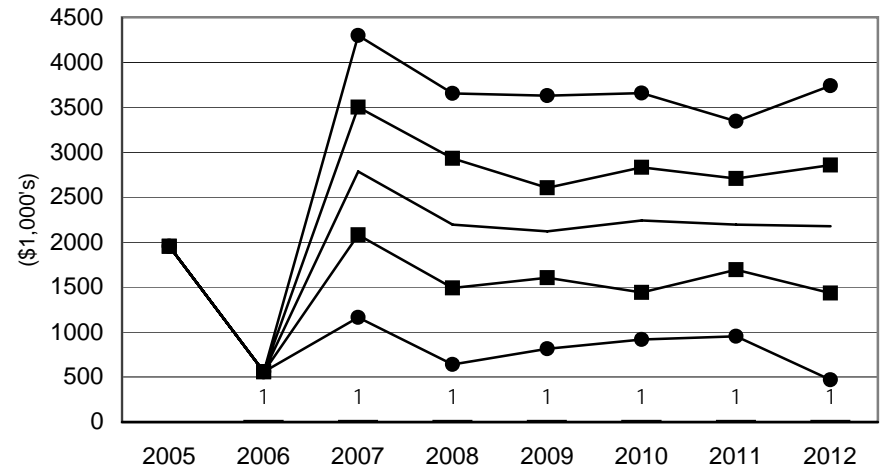
**Figure 39. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Dairy Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

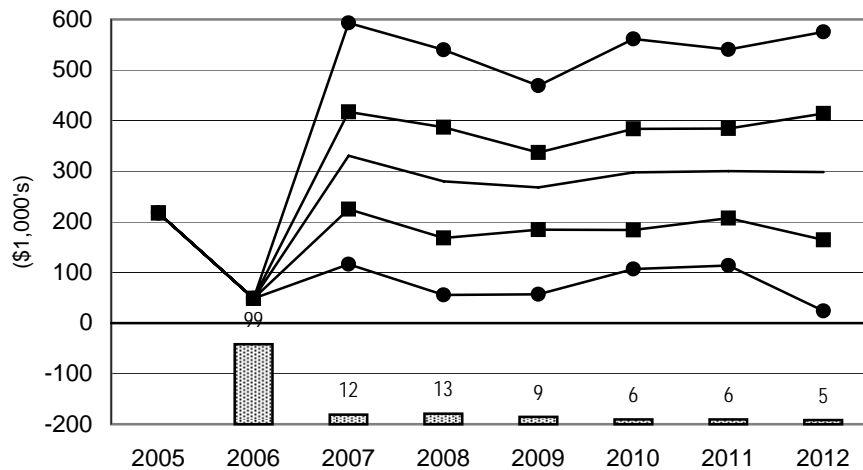
**CAD1710 California Dairy Farm**



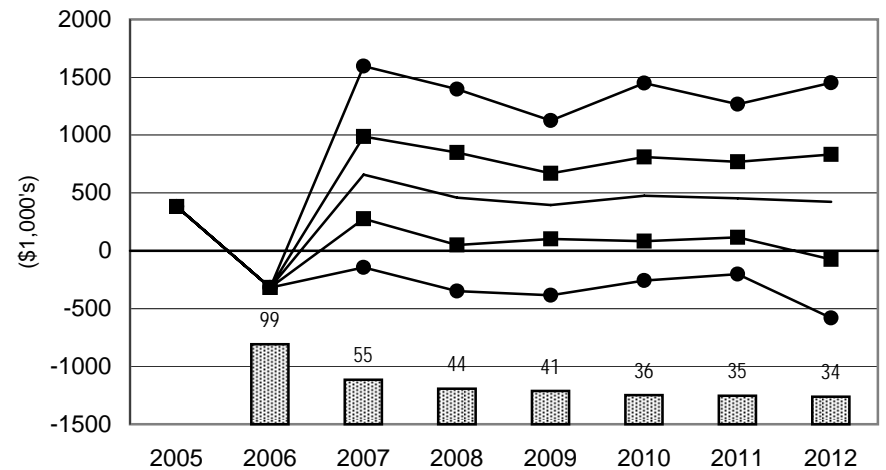
**NMD2125 New Mexico Dairy Farm**



**WAD250 Washington Dairy Farm**



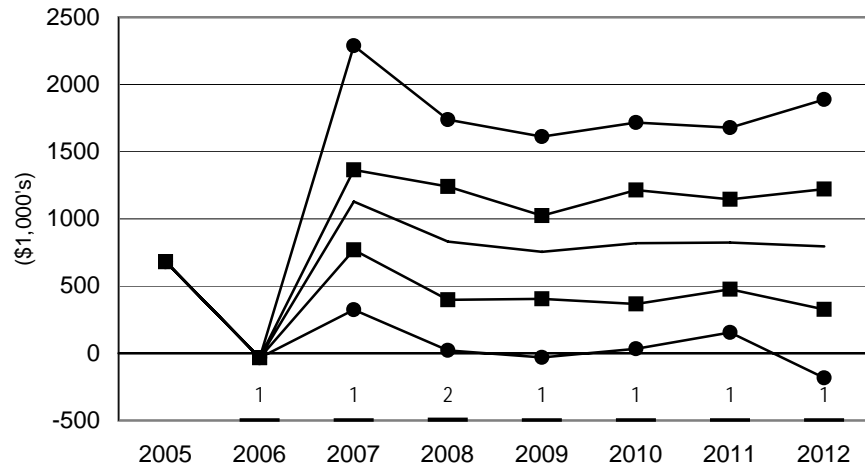
**WAD850 Large Washington Dairy Farm**



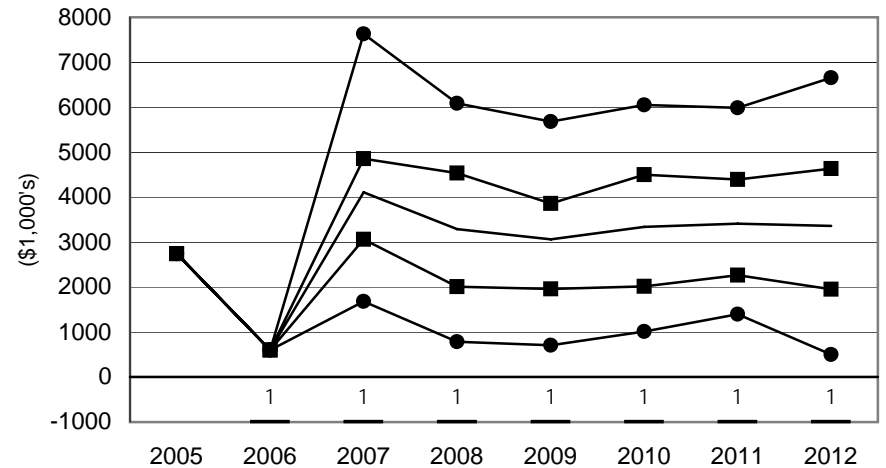
**Figure 40. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Dairy Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

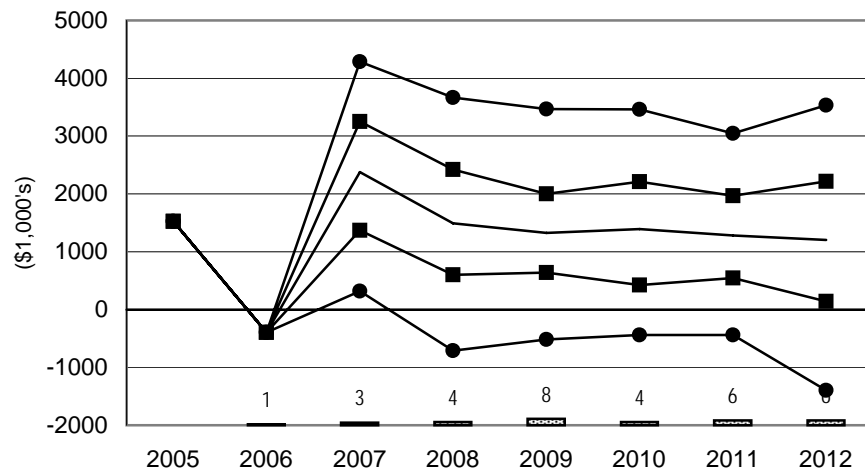
**IDD1000 Idaho Dairy Farm**



**IDD3000 Large Idaho Dairy Farm**



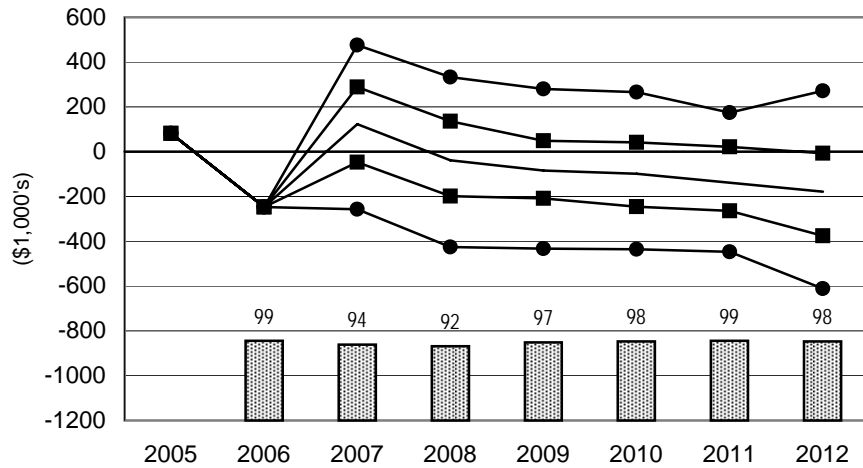
**TXND3000 North Texas Dairy Farm**



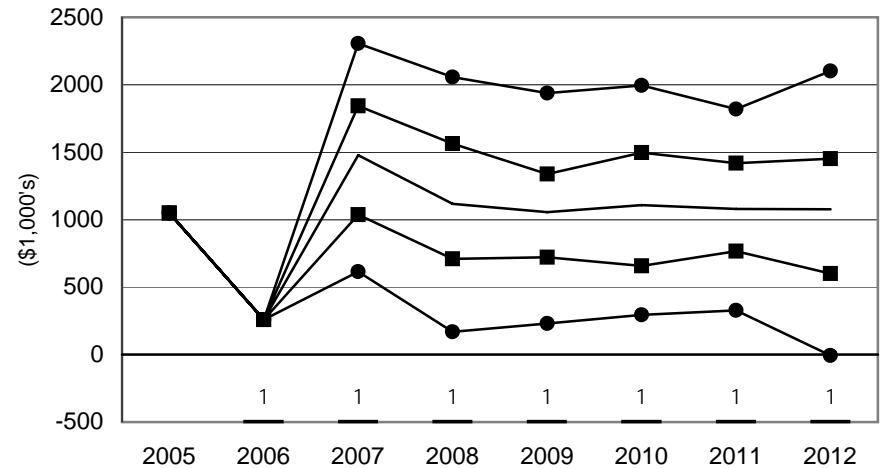
**Figure 41. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Dairy Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

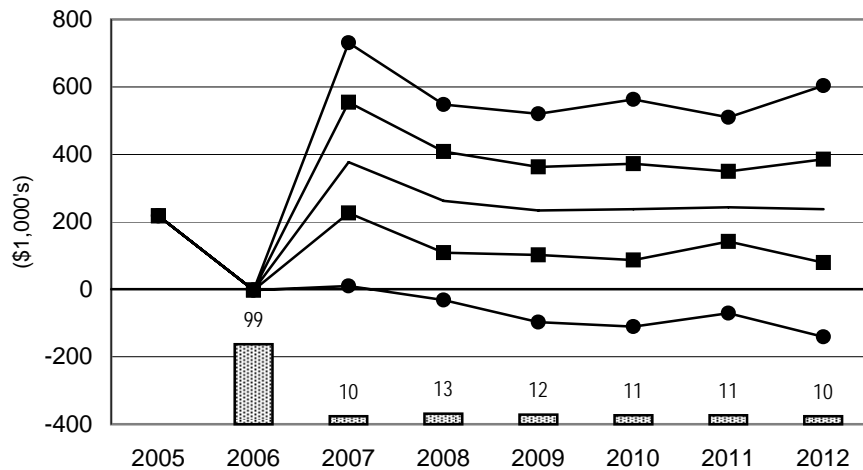
**TXCD550 Central Texas Dairy Farm**



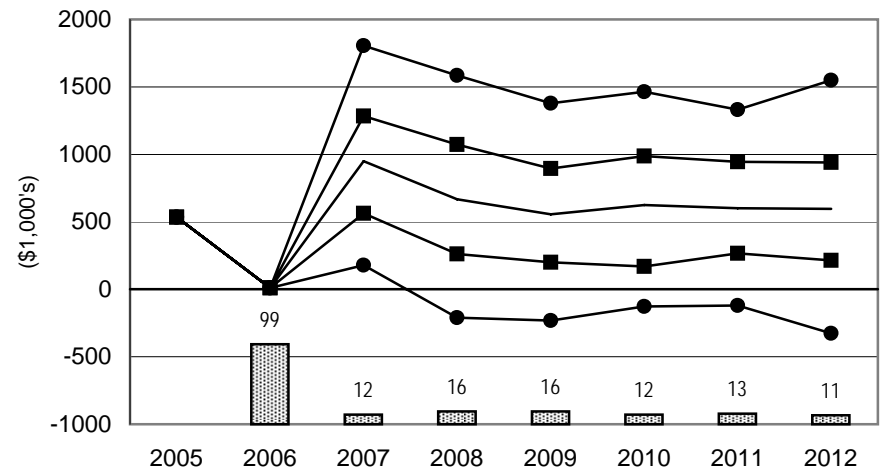
**TXCD1300 Large Central Texas Dairy Farm**



**TXED450 East Texas Dairy Farm**



**TXED1000 Large East Texas Dairy Farm**

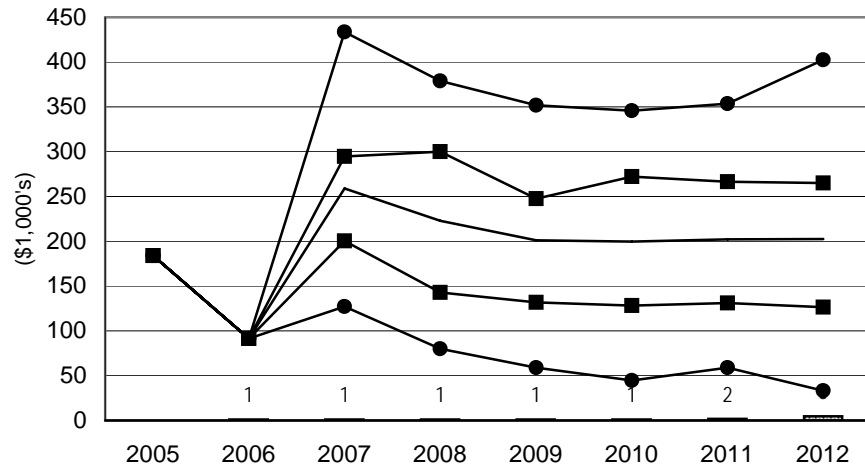




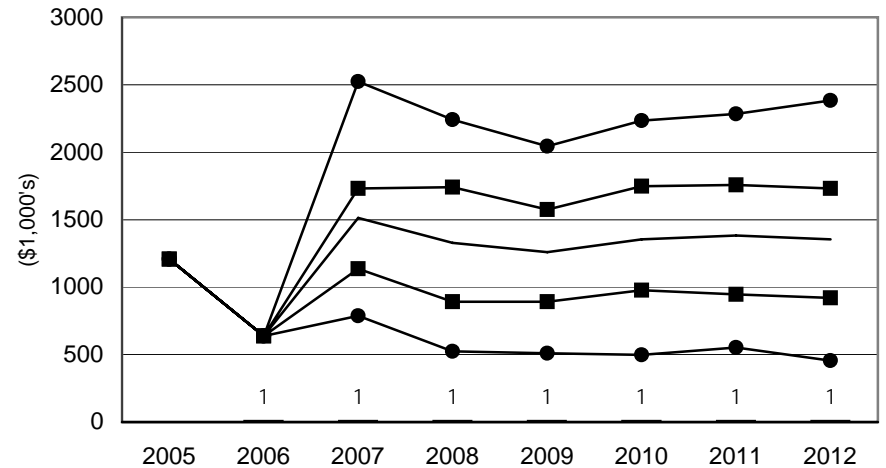
**Figure 42. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Dairy Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

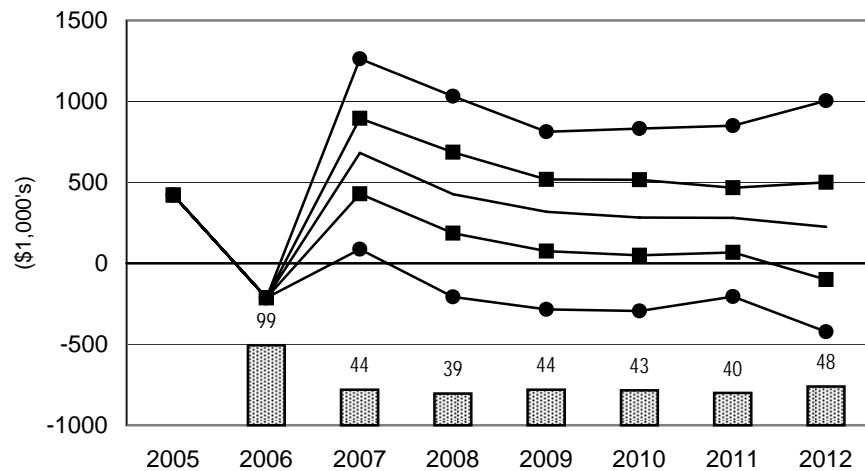
**WID145 Wisconsin Dairy Farm**



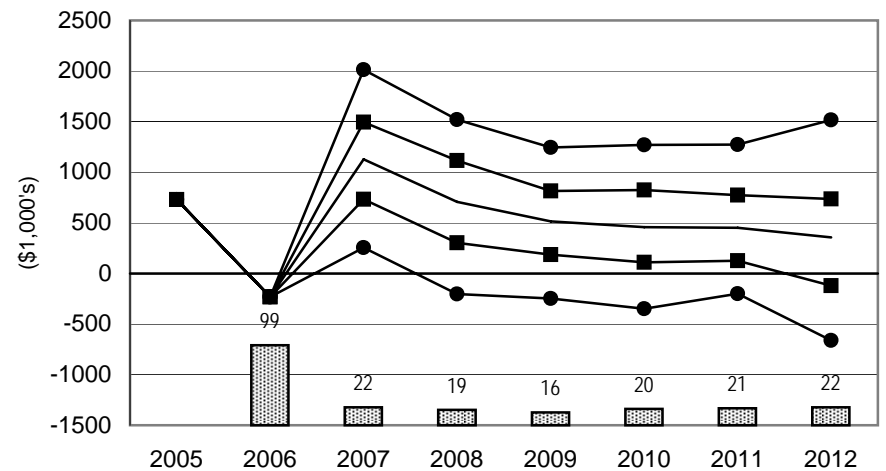
**WID775 Large Wisconsin Dairy Farm**



**NYWD800 Western New York Dairy Farm**



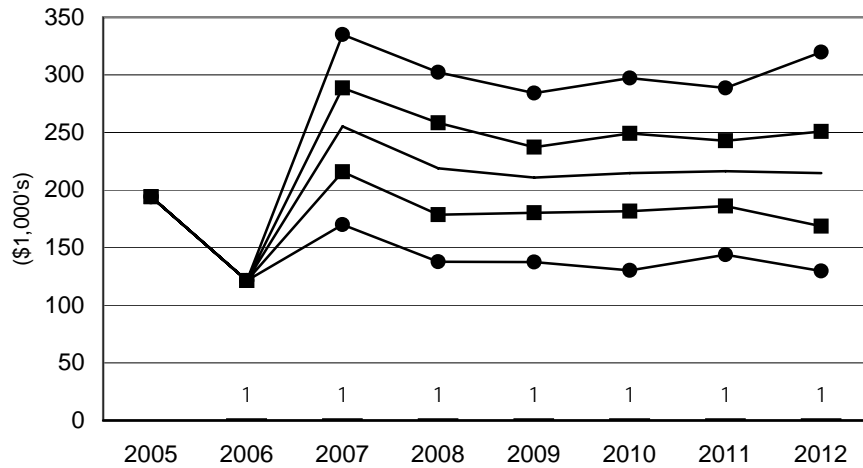
**NYWD1200 Large Western New York Dairy Farm**



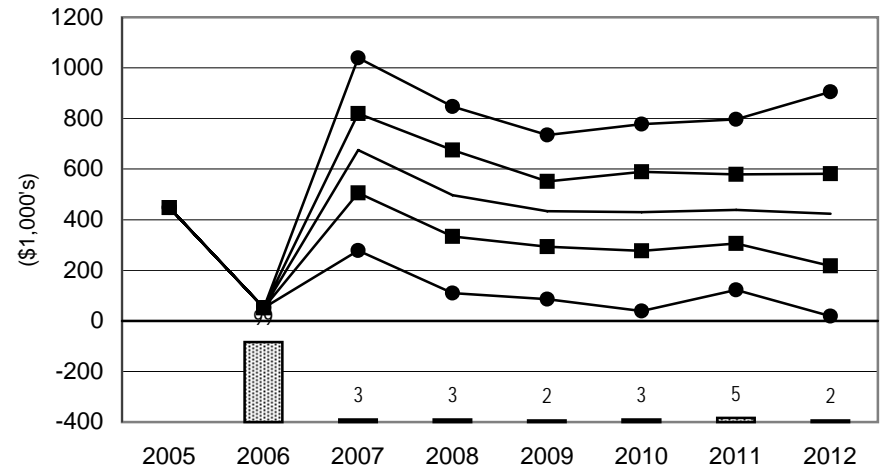
**Figure 43. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Dairy Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

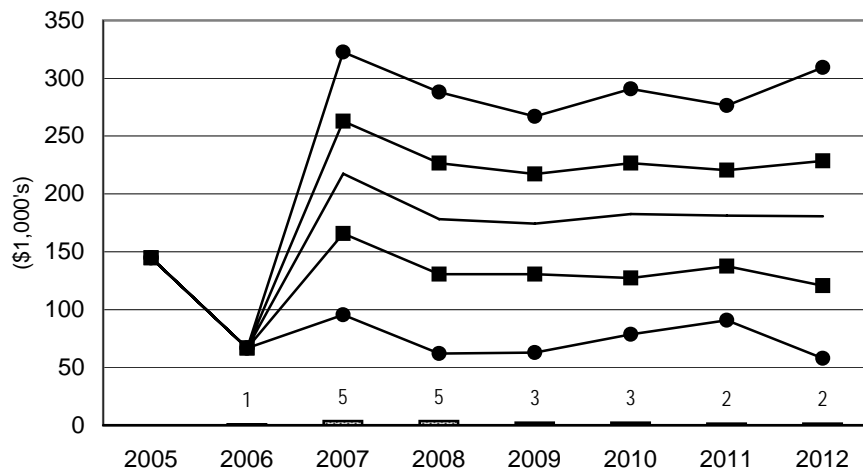
**NYCD110 Central New York Dairy Farm**



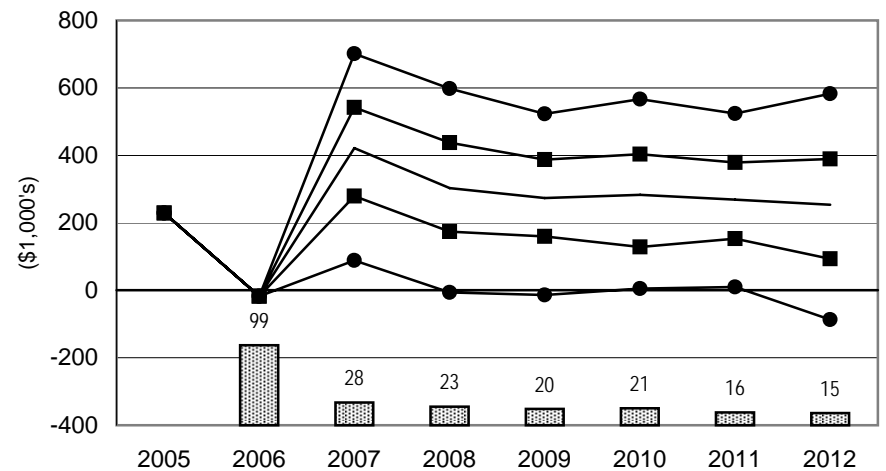
**NYCD500 Large Central New York Dairy Farm**



**VTD140 Vermont Dairy Farm**



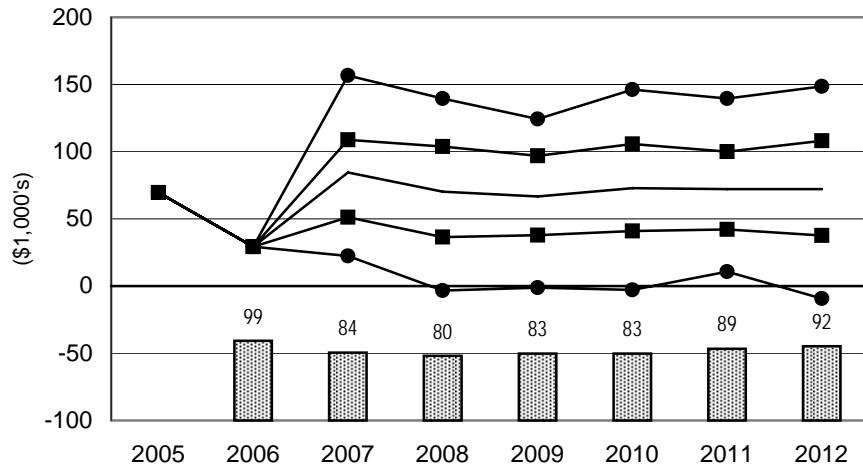
**VTD400 Large Vermont Dairy Farm**



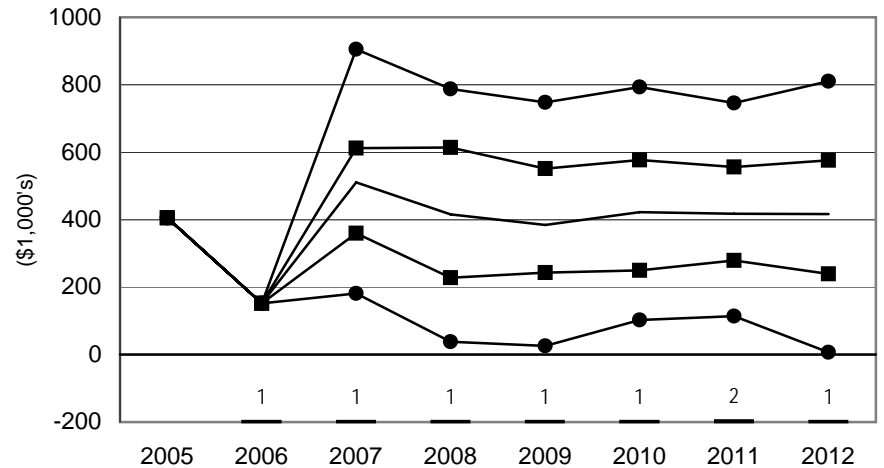
**Figure 44. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Dairy Farms**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

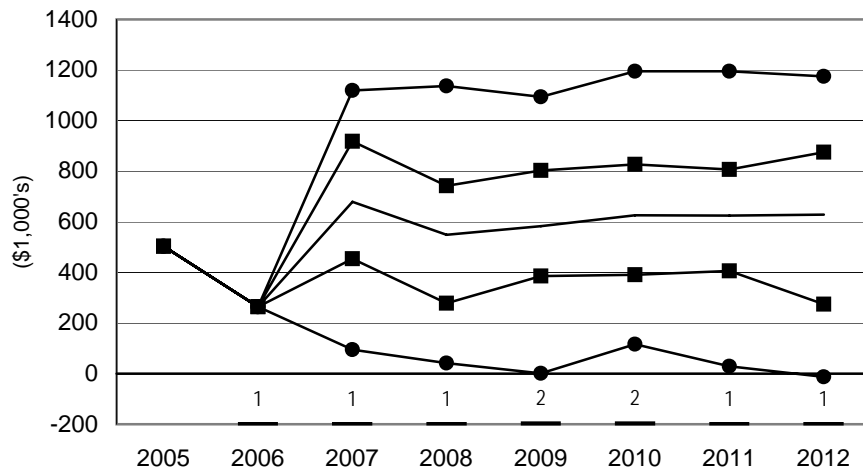
**MOD85 Missouri Dairy Farm**



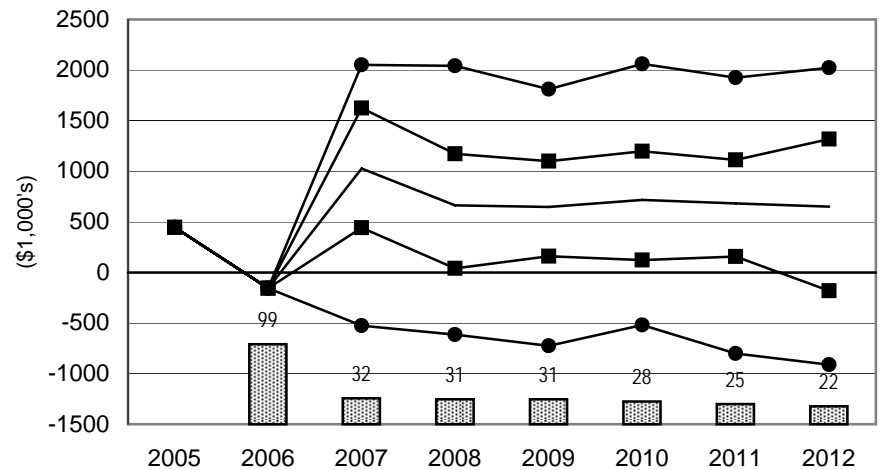
**MOD400 Large Missouri Dairy Farm**



**FLND550 Northern Florida Dairy Farm**



**FLSD1500 Southern Florida Dairy Farm**



# Figure 45. Representative Ranches Producing Beef Cattle

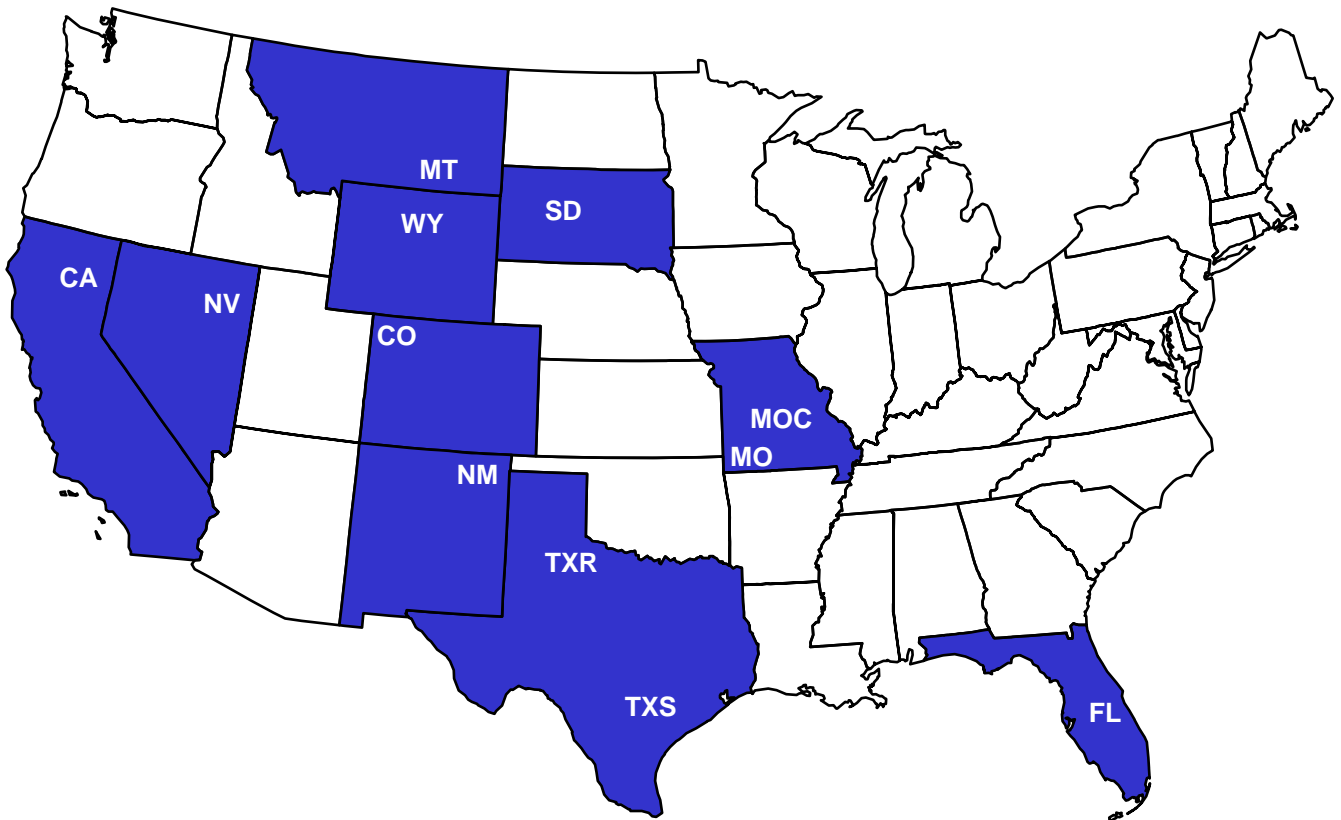


Table 14. Implications of the December 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Beef Cattle.

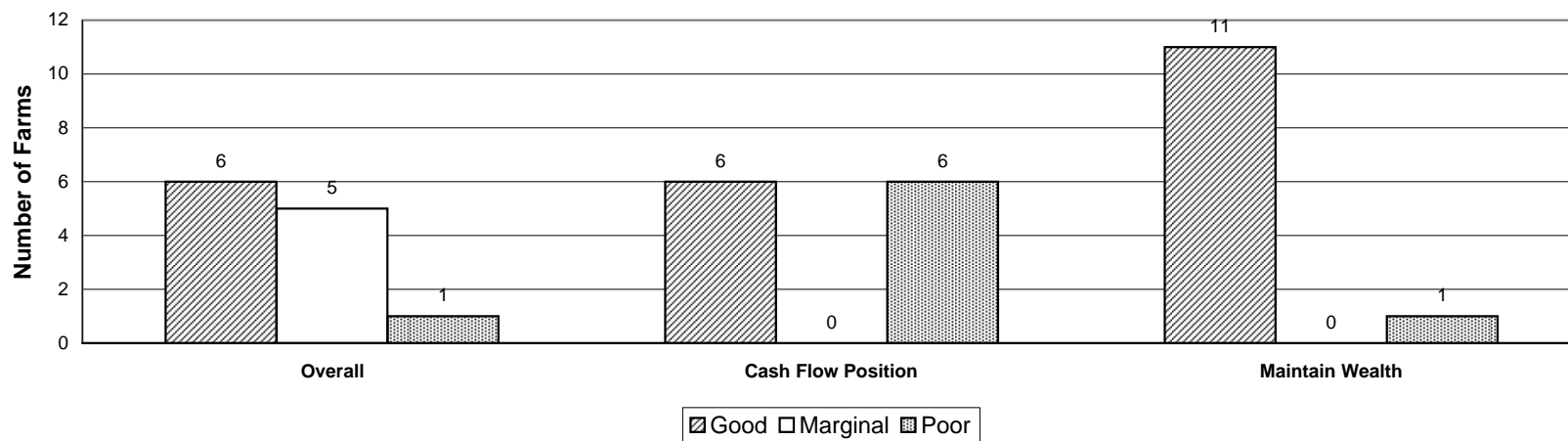
	CAB500	NVB700	MTB500	WYB335	COB250	NMB240
Overall Financial Position						
2007-2012 Ranking	Poor	Marginal	Good	Marginal	Marginal	Marginal
Change Real Net Worth (%)						
2007-2012 Average	-0.72	2.07	3.33	1.04	3.59	2.98
NIA to Maintain Real Net Worth (%/Rec.)	8.82	-33.73	-68.86	-26.26	-344.15	-74.91
NIA for Zero Ending Cash Balance (%/Rec.)	37.75	4.87	-14.21	25.41	0.30	9.01
Govt Payments/Receipts (%)						
2007-2012 Average	0.00	0.00	0.00	0.00	0.00	0.00
Cost to Receipts Ratio (%)						
2007-2012 Average	133.24	94.32	73.53	109.09	88.97	97.32
Total Cash Receipts (\$1000)						
2005	322.88	382.42	322.51	245.35	203.66	299.07
2006	277.62	354.38	299.30	258.33	225.46	292.27
2007	291.49	368.17	297.42	268.79	212.34	297.88
2008	294.34	369.11	300.69	272.56	208.62	303.10
2009	281.34	354.27	289.26	261.43	205.29	291.92
2010	268.36	339.26	276.50	253.29	199.28	283.09
2011	263.54	337.93	274.32	253.44	200.26	282.22
2012	251.99	324.84	265.28	244.82	197.52	274.17
2007-2012 Average	275.18	348.93	283.91	259.05	203.88	288.73
Government Payments (\$1000)						
2005	0.00	0.00	0.00	0.00	0.00	0.00
2006	0.00	0.00	0.00	0.00	0.00	0.00
2007	0.00	0.00	0.00	0.00	0.00	0.00
2008	0.00	0.00	0.00	0.00	0.00	0.00
2009	0.00	0.00	0.00	0.00	0.00	0.00
2010	0.00	0.00	0.00	0.00	0.00	0.00
2011	0.00	0.00	0.00	0.00	0.00	0.00
2012	0.00	0.00	0.00	0.00	0.00	0.00
2007-2012 Average	0.00	0.00	0.00	0.00	0.00	0.00
Net Cash Farm Income (\$1000)						
2005	36.63	99.75	140.82	11.68	52.76	35.84
2006	-25.60	57.16	115.96	20.97	62.51	24.42
2007	-31.56	64.73	101.71	17.59	46.93	25.08
2008	-43.70	54.20	92.79	15.68	34.74	21.18
2009	-62.51	34.26	82.08	-7.68	28.33	8.77
2010	-89.18	12.21	69.96	-26.71	20.21	1.69
2011	-111.44	4.68	69.56	-40.68	14.91	-3.65
2012	-148.09	-11.08	57.75	-58.61	9.48	4.18
2007-2012 Average	-81.08	26.50	78.98	-16.74	25.77	9.54
Ending Cash Reserves (\$1000)						
2005	1.44	35.58	84.20	-21.12	122.59	9.31
2006	-55.78	36.97	145.94	-37.15	145.00	5.75
2007	-122.00	53.73	192.67	-56.82	147.11	2.11
2008	-197.44	56.27	198.77	-86.13	135.64	-13.83
2009	-292.26	42.19	216.28	-139.57	119.50	-41.23
2010	-411.33	2.58	221.79	-228.85	83.63	-83.69
2011	-568.23	-41.61	230.99	-319.41	40.75	-128.78
2012	-749.13	-101.27	223.44	-429.47	-3.98	-169.21
Nominal Net Worth (\$1000)						
2005	5,558.34	3,837.06	3,691.25	2,724.10	12,500.35	4,475.92
2006	5,540.34	4,077.52	3,930.87	2,991.02	13,936.03	5,054.43
2007	5,557.77	4,370.21	4,411.46	3,289.18	15,789.67	5,677.40
2008	5,565.07	4,670.96	4,761.90	3,497.69	17,109.52	6,115.26
2009	5,522.62	4,750.29	4,910.47	3,525.08	17,709.99	6,284.72
2010	5,460.51	4,777.30	5,005.97	3,502.22	18,092.86	6,381.84
2011	5,389.31	4,836.43	5,133.48	3,498.02	18,525.70	6,497.29
2012	5,268.27	4,864.16	5,243.19	3,462.99	19,017.99	6,631.40
Prob. of Negative Ending Cash (%)						
2007	99	4	1	96	1	42
2008	99	19	1	97	1	70
2009	99	31	1	99	1	91
2010	99	47	1	99	9	98
2011	99	65	1	99	24	99
2012	99	83	1	99	51	99
Prob. of Decreasing Real Net Worth Over 2005-2012 (%)	18	1	1	1	1	1

Table 15. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Beef Cattle.

	SDB450	MOB240	MOCB400	TXRB500	TXSB175	FLB1155
<b>Overall Financial Position</b>						
2007-2012 Ranking	Good	Good	Good	Good	Marginal	Good
<b>Change Real Net Worth (%)</b>						
2007-2012 Average	2.98	4.66	3.57	4.04	1.61	3.75
<b>NIA to Maintain Real Net Worth (%/Rec.)</b>						
	-59.95	-76.42	-74.56	-96.08	-82.55	-329.23
<b>NIA for Zero Ending Cash Balance (%/Rec.)</b>						
	-11.14	-40.56	-21.34	-34.42	34.82	-15.32
<b>Govt Payments/Receipts (%)</b>						
2007-2012 Average	0.25	2.49	0.00	0.00	0.00	0.00
<b>Cost to Receipts Ratio (%)</b>						
2007-2012 Average	81.22	48.00	74.10	65.25	93.88	81.83
<b>Total Cash Receipts (\$1000)</b>						
2005	290.92	227.22	288.68	448.78	206.60	684.91
2006	283.91	234.22	279.53	428.84	191.00	670.37
2007	292.94	248.86	278.69	454.10	128.44	657.23
2008	300.01	248.16	282.65	459.99	127.30	660.72
2009	287.27	241.89	270.78	448.39	122.01	639.77
2010	278.59	237.59	260.46	440.94	118.87	615.60
2011	280.79	239.94	258.72	437.37	119.21	609.98
2012	269.99	235.34	244.21	431.24	114.78	589.17
2007-2012 Average	284.93	241.96	265.92	445.34	121.77	628.75
<b>Government Payments (\$1000)</b>						
2005	0.00	9.37	0.00	0.00	0.00	0.00
2006	0.00	4.95	0.00	0.00	0.00	0.00
2007	0.47	5.11	0.00	0.00	0.00	0.00
2008	0.74	6.07	0.00	0.00	0.00	0.00
2009	0.84	6.04	0.00	0.00	0.00	0.00
2010	0.65	5.57	0.00	0.00	0.00	0.00
2011	0.81	6.24	0.00	0.00	0.00	0.00
2012	0.64	5.46	0.00	0.00	0.00	0.00
2007-2012 Average	0.69	5.75	0.00	0.00	0.00	0.00
<b>Net Cash Farm Income (\$1000)</b>						
2005	99.38	131.06	122.28	185.95	87.91	231.13
2006	84.73	132.68	107.88	148.17	47.05	198.48
2007	73.79	144.73	95.49	164.18	31.72	171.38
2008	81.88	138.68	95.89	169.81	15.66	162.50
2009	63.51	131.39	77.92	161.45	11.44	127.83
2010	55.14	115.90	65.32	153.24	5.37	100.29
2011	58.10	123.48	64.24	147.41	-2.88	95.28
2012	39.68	116.66	47.70	140.88	-7.01	77.05
2007-2012 Average	62.02	128.47	74.43	156.16	9.05	122.39
<b>Ending Cash Reserves (\$1000)</b>						
2005	59.48	68.96	70.58	106.02	40.96	95.20
2006	94.65	143.22	125.59	174.24	49.93	205.95
2007	117.09	215.34	173.78	255.00	41.48	278.63
2008	151.65	287.47	220.93	338.39	17.97	341.94
2009	170.02	351.76	252.85	418.95	-22.62	382.68
2010	175.50	377.72	272.56	496.17	-76.88	402.92
2011	191.92	425.72	291.28	573.67	-136.85	420.96
2012	177.08	460.45	290.24	649.79	-198.30	432.07
<b>Nominal Net Worth (\$1000)</b>						
2005	3,356.07	2,145.36	3,149.57	5,552.18	2,372.26	29,227.05
2006	3,729.89	2,390.84	3,475.42	5,973.45	2,549.13	33,560.98
2007	4,141.85	2,718.76	3,913.59	6,757.38	2,796.56	38,039.57
2008	4,460.57	2,975.76	4,248.32	7,340.97	2,961.51	41,296.94
2009	4,576.25	3,113.60	4,387.35	7,625.38	3,005.81	42,799.07
2010	4,657.20	3,210.69	4,485.95	7,828.98	3,014.30	43,787.71
2011	4,762.99	3,333.58	4,604.27	8,076.24	3,027.90	44,929.02
2012	4,836.06	3,447.35	4,707.07	8,318.99	3,038.80	46,184.08
<b>Prob. of Negative Ending Cash (%)</b>						
2007	1	1	1	1	1	1
2008	1	1	1	1	19	1
2009	2	1	1	1	84	1
2010	1	1	1	1	99	1
2011	3	1	1	1	99	1
2012	8	1	1	1	99	1
<b>Prob. of Decreasing Real Net Worth Over 2005-2012 (%)</b>						
	1	1	1	1	1	1

# Figure 46. Beef Cattle Ranches

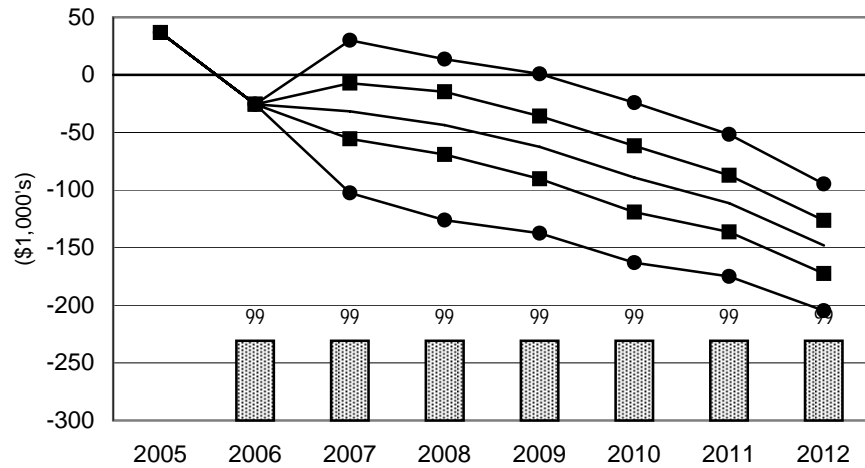
Economic and Financial Position Over the Period, 2007-2012, for all Cattle Ranches



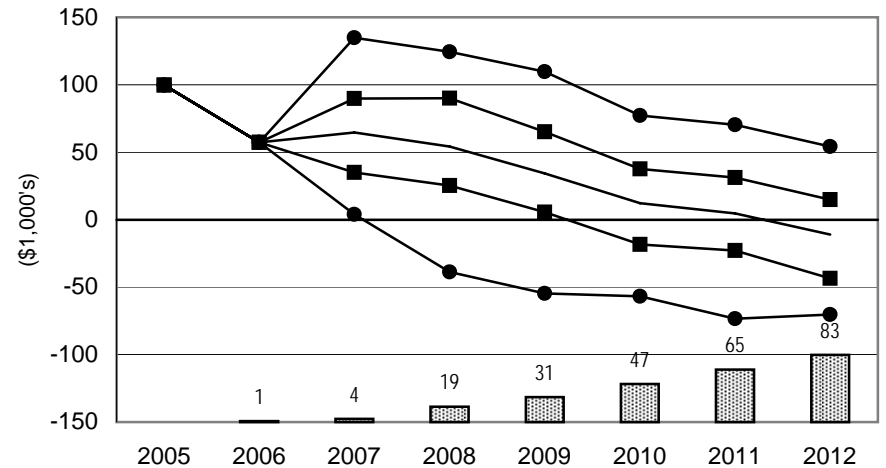
**Figure 47. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Beef Cattle Ranches**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

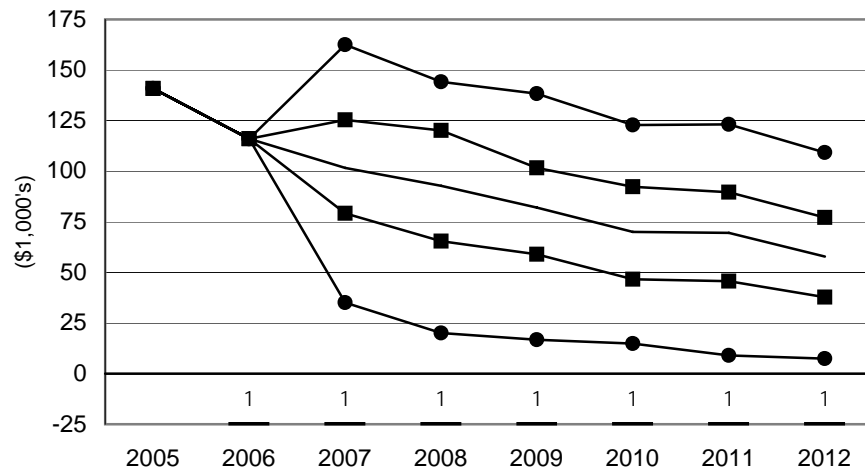
**CAB500 California Cattle Ranch**



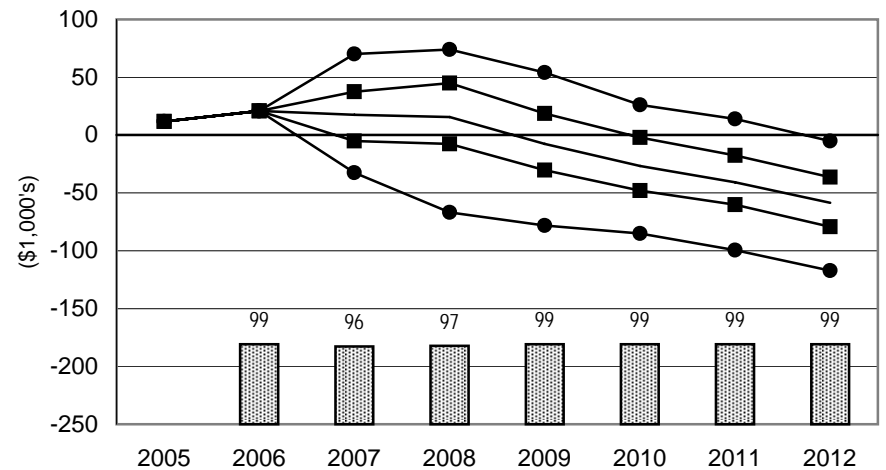
**NVB700 Nevada Cattle Ranch**



**MTB500 Montana Cattle Ranch**



**WYB335 Wyoming Cattle Ranch**

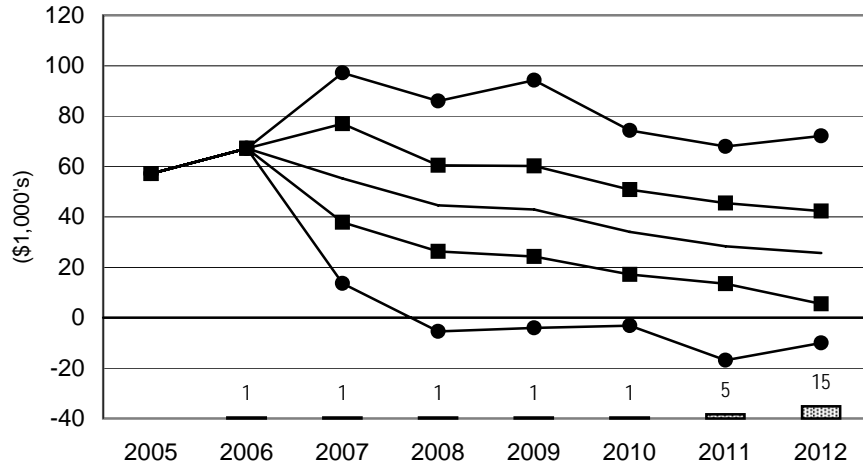




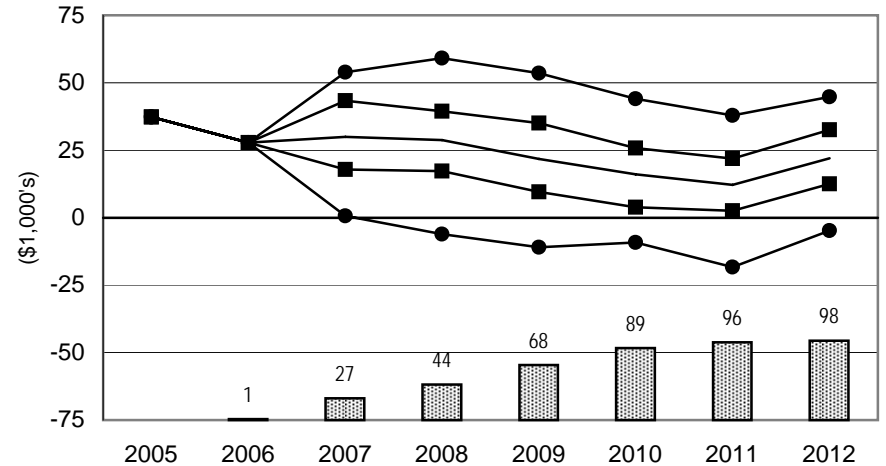
**Figure 48. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Beef Cattle Ranches**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

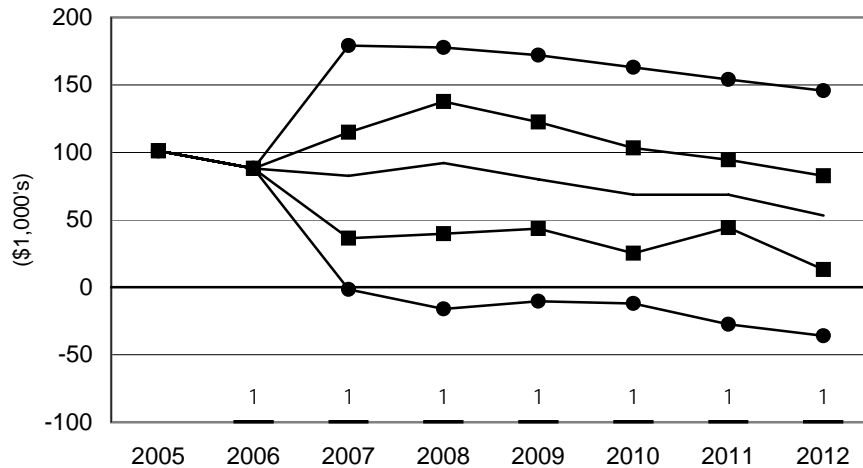
**COB250 Colorado Cattle Ranch**



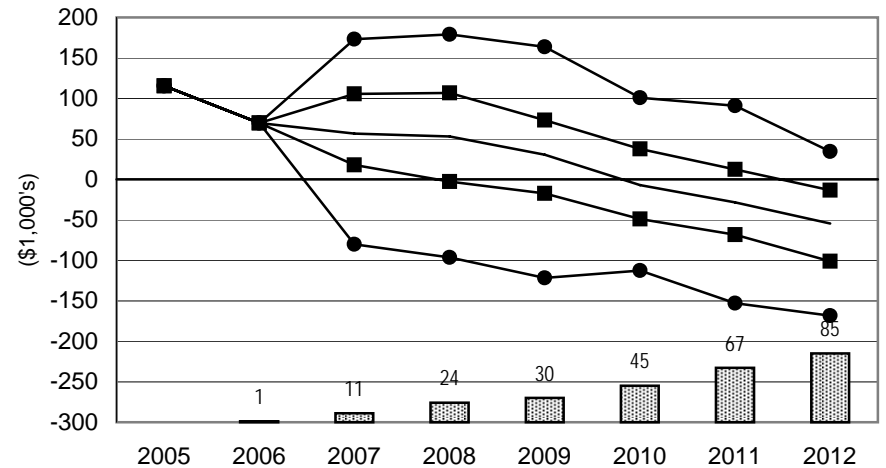
**NMB240 New Mexico Cattle Ranch**



**SDB450 South Dakota Cattle Ranch**



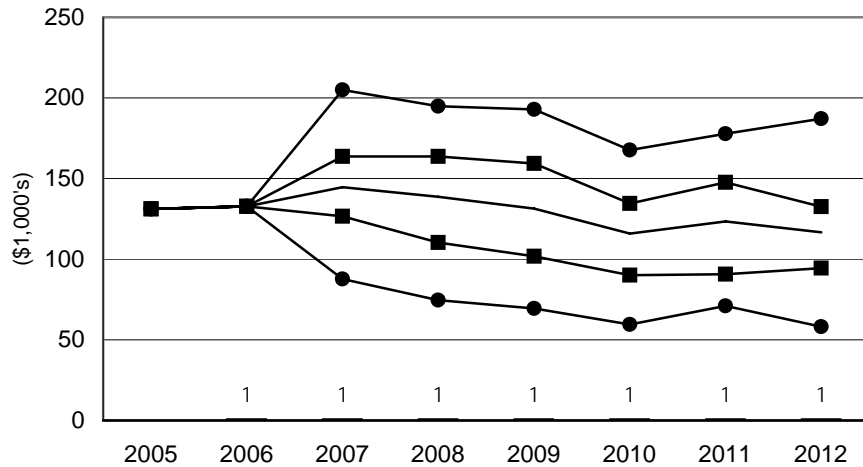
**FLB1155 Florida Cattle Ranch**



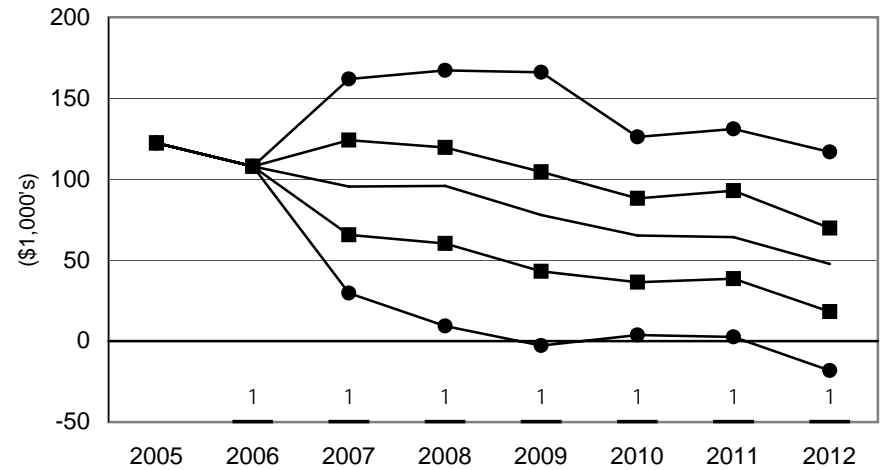
**Figure 49. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:  
Beef Cattle Ranches**

— Average NCFI    ■ 25 & 75 Percentile NCFI    ● 5 & 95 Percentile NCFI    ▨ Prob. of Cash Flow Deficit

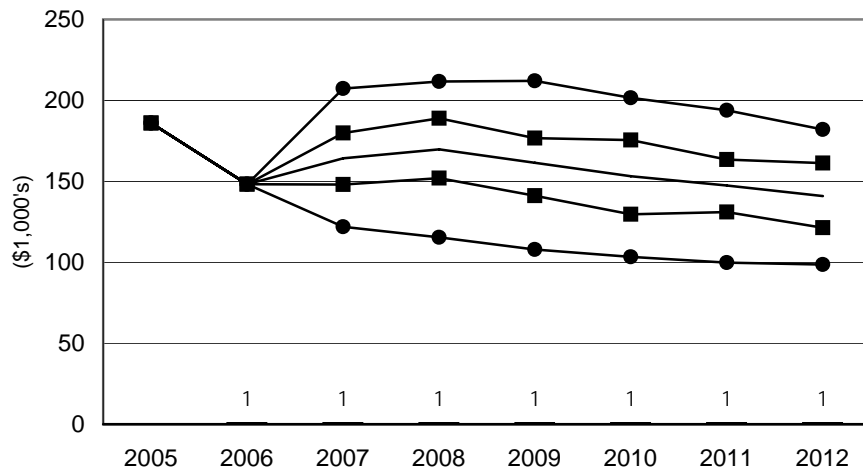
**MOB250 Southwest Missouri Cattle Ranch**



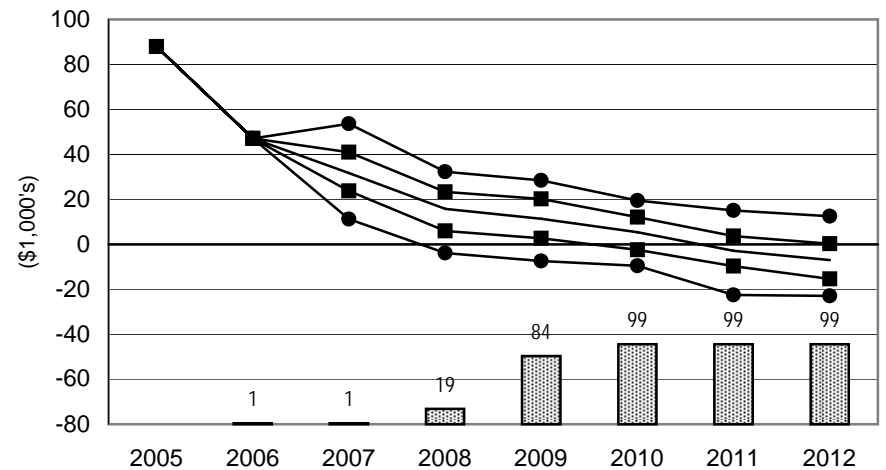
**MOCB400 Central Missouri Cattle Ranch**



**TXRB500 Rolling Plains Texas Cattle Ranch**



**TXSB175 South Texas Cattle Ranch**





**APPENDIX A:**  
CHARACTERISTICS OF  
REPRESENTATIVE FARMS

## 2006 CHARACTERISTICS OF PANEL FARMS PRODUCING FEED GRAINS AND OILSEEDS

- IAG1350** IAG1350 is a 1,350-acre northwestern Iowa (Webster County) grain farm. The farm is moderate-sized for the region and plants 810 acres of corn and 540 acres of soybeans annually. Seventy-three percent of this farm's 2006 receipts come from corn production.
- IAG3400** This 3,400-acre large-sized grain farm is located in northwestern Iowa (Webster County). It plants 2,040 acres of corn and 1,360 acres of soybeans each year, realizing 73 percent of receipts from corn production.
- NEG1960** South central Nebraska (Dawson County) is home to this 1,960-acre grain farm. This farm plants seventy-five percent of cultivated acres to corn and fifteen percent to soybeans. Alfalfa is grown on the remaining land. The farm produces both yellow and white food-grade corn on 56 percent of the corn acres. Eighty-four percent of gross receipts are derived from corn sales.
- NEG4300** This is a 4,300-acre grain farm located in south central Nebraska (Dawson County). This operation plants 2,666 acres of corn and 1,118 acres of soybeans each year. Remaining acres are planted to alfalfa. A portion (40 percent) of the corn acreage is food-grade corn. In 2006, 78 percent of total receipts were generated from corn production.
- NDG2180** NDG2180 is a 2,180-acre, moderate-sized, south central North Dakota (Barnes County) grain farm that plants 480 acres of wheat, 300 acres of corn, and 1300 acres of soybeans. The remaining acres are enrolled in the Conservation Reserve Program. The farm generated 55 percent of 2006 receipts from soybean sales.
- NDG7500** This is a 7,500-acre, large-sized grain farm in south central North Dakota (Barnes County) that grows 3,750 acres of soybeans, 2000 acres of corn, 1,200 acres of wheat, and 300 acres of dry peas annually. The remaining acreage is enrolled in the Conservation Reserve Program. Soybean and corn sales accounted for 80 percent of 2006 receipts.
- MOCG2050** MOCG2050 is a 2,050-acre grain farm located in central Missouri (Carroll County) and plants 1,025 acres of corn and 1,025 acres of soybeans annually. This farm is located in the Missouri River bottom, an area with a large concentration of livestock production. This proximity allows grain producers in this area to supply feed to livestock producers at a premium to other areas of Missouri. This farm generated 64 percent of its total revenue from corn and 36 percent from soybeans during 2006.
- MOCG3630** A 3,630-acre central Missouri (Carroll County) grain farm with 1,880 acres of corn, 1,650 acres of soybeans, and 100 acres of wheat. This farm is located in the Missouri River bottom, an area with a large concentration of livestock production. This proximity allows area grain producers to supply feed to livestock producers at a premium to other areas of Missouri. Corn sales accounted for 67 percent of farm receipts and soybeans accounted for 32 percent in 2006.
- MONG1850** MONG1850 is a 1,850-acre diversified northwest Missouri grain farm centered in Nodaway County. MONG1850 plants 900 acres of corn, 900 acres of soybeans, and 200 acres of hay annually. The farm also has a 200-head cow-calf herd. Proximity to the Missouri River increases marketing options for area grain farmers due to easily accessible river grain terminals. In 2006, 49 percent of the farm's total receipts were from corn, 31 percent from soybeans, and 18 percent from cattle sales.

Appendix Table A1. Characteristics of Panel Farms Producing Feed Grains.

	IAG1350	IAG3400	NEG1960	NEG4300	NDG2180	NDG7500	MOCG2050	MOCG3630	MONG1850
County	Webster	Webster	Dawson	Dawson	Barnes	Barnes	Carroll	Carroll	Nodaway
Total Cropland	1,350.00	3,400.00	1,960.00	4,300.00	2,180.00	7,500.00	2,050.00	3,630.00	1,850.00
Acres Owned	240.00	850.00	490.00	1,075.00	300.00	3,000.00	1,150.00	1,600.00	950.00
Acres Leased	1,110.00	2,550.00	1,470.00	3,225.00	1,880.00	4,500.00	900.00	2,030.00	900.00
Pastureland									
Acres Owned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600.00
Acres Leased	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400.00
Assets (\$1000)									
Total	1,486.00	4,997.00	2,281.00	5,636.00	739.00	5,812.00	4,923.00	6,766.00	4,616.00
Real Estate	1,128.00	3,807.00	1,322.00	3,236.00	398.00	2,990.00	3,910.00	4,916.00	3,629.00
Machinery	314.00	1,000.00	732.00	1,924.00	312.00	1,791.00	606.00	1,009.00	428.00
Other & Livestock	43.00	190.00	226.00	476.00	30.00	1,031.00	408.00	842.00	559.00
Debt/Asset Ratios									
Total	0.17	0.17	0.13	0.21	0.16	0.12	0.16	0.15	0.14
Intermediate	0.19	0.21	0.10	0.33	0.16	0.12	0.28	0.25	0.11
Long Run	0.17	0.17	0.17	0.17	0.16	0.16	0.14	0.14	0.15
Number of Livestock									
Beef Cows	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00
2006 Gross Receipts (\$1,000)*									
Total	602.50	1,489.50	1,231.50	2,388.10	474.60	2,071.80	726.30	1,210.60	785.10
Cattle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	144.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18
Corn	436.60	1,086.90	1,033.90	1,851.10	106.50	777.20	466.80	805.10	384.60
	0.73	0.73	0.84	0.78	0.22	0.38	0.64	0.67	0.49
Wheat	0.00	0.00	0.00	0.00	102.30	308.60	0.60	16.20	0.00
	0.00	0.00	0.00	0.00	0.22	0.15	0.00	0.01	0.00
Soybeans	166.00	402.60	129.10	427.00	263.10	859.00	259.00	389.30	242.20
	0.28	0.27	0.11	0.18	0.55	0.42	0.36	0.32	0.31
Hay	0.00	0.00	68.40	110.00	0.00	0.00	0.00	0.00	10.30
	0.00	0.00	0.06	0.05	0.00	0.00	0.00	0.00	0.01
Dry Peas	0.00	0.00	0.00	0.00	0.00	103.10	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00
Other Receipts	0.00	0.00	0.00	0.00	0.00	8.80	0.00	0.00	3.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
2006 Planted Acres**									
Total	1,350.00	3,400.00	1,960.00	4,300.00	2,180.00	7,500.00	2,050.00	3,630.00	2,850.00
Corn	810.00	2,040.00	1,470.00	2,666.00	300.00	2,000.00	1,025.00	1,880.00	900.00
	0.60	0.60	0.75	0.62	0.14	0.27	0.50	0.52	0.32
Wheat	0.00	0.00	0.00	0.00	480.00	1,200.00	0.00	100.00	0.00
	0.00	0.00	0.00	0.00	0.22	0.16	0.00	0.03	0.00
Soybeans	540.00	1,360.00	300.00	1,118.00	1,300.00	3,750.00	1,025.00	1,650.00	900.00
	0.40	0.40	0.15	0.26	0.60	0.50	0.50	0.46	0.32
Hay	0.00	0.00	190.00	516.00	0.00	0.00	0.00	0.00	200.00
	0.00	0.00	0.10	0.12	0.00	0.00	0.00	0.00	0.07
CRP	0.00	0.00	0.00	0.00	100.00	250.00	0.00	0.00	50.00
	0.00	0.00	0.00	0.00	0.05	0.03	0.00	0.00	0.02
Improved Pasture	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	800.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28
Dry Peas	0.00	0.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00

\*Receipts for 2006 are included to indicate the relative importance of each enterprise to the farm. Percents indicate the percentage of the total receipts accounted for by the livestock categories and the crops.

\*\*Acreages for 2006 are included to indicate the relative importance of each enterprise to the farm. Total planted acreage may exceed total cropland available due to double cropping. Percents indicate the percentage of total planted acreage accounted for by the crop.

## 2006 PANEL FARMS PRODUCING FEED GRAINS AND OILSEEDS (continued)

- ING1000** Shelby County, Indiana, is home to this 1,000-acre moderate-sized feedgrain farm. This farm annually plants corn and soybeans in a 50/50 rotation. Due to this farm's proximity to Indianapolis, land development pressures will likely constrain further expansion of this farm's operations. Sixty percent of 2006 receipts came from corn sales.
- ING2200** ING2200 is a large-sized grain farm located in east central Indiana (Shelby County). This farm plants 1,100 acres to corn and 1,100 acres to soybeans each year. In 2006, 62 percent of gross receipts were generated by corn sales.
- TXPG3760** TXPG3760 is a predominately irrigated farm located in the Texas Panhandle (Castro County). Annually, 1,344 acres are planted to corn and 1,472 acres are planted to cotton. In 2006, 36 percent of cash receipts were generated from corn sales.
- TXHG2000** This 2,000-acre grain farm is located on the Blackland Prairie of Texas (Hill County). On this farm, 1,000 acres of corn, 500 acres of sorghum, 250 acres of cotton, and 250 acres of wheat are planted annually. Feedgrain sales accounted for 78 percent of 2006 receipts with cotton accounting for 17 percent of sales. Forty beef cows live on 300 acres of improved pasture and contribute approximately five percent of total receipts.
- TXWG1400** This 1,400-acre farm is located on the Blackland Prairie of Texas (Williamson County). TXWG1400 plants 900 acres of corn, 200 acres of sorghum, 250 acres of cotton, and 50 acres of winter wheat annually. Additionally, this farm has a 50-head beef cow herd that is pastured on rented ground that cannot be farmed. Feedgrain sales accounted for 64 percent of 2006 receipts with cotton accounting for 28 percent of sales.
- TXUG1200** TXUG1200 is a grain farm located in Uvalde County, Texas. This farm plants 450 acres of corn, 200 acres of grain sorghum, 400 acres of cotton, and 150 acres of wheat each year. All crops except wheat are grown under irrigation. In 2006, feedgrain sales accounted for 32 percent of farm receipts.
- TNG900** This is a 900-acre, moderate-sized grain farm in West Tennessee (Henry County). Annually, this farm plants 500 acres of corn, 400 acres of soybeans, and 100 acres of wheat (planted before soybeans) in a region of Tennessee recognized for the high level of implementation of conservation practices by farmers. Sixty-four percent of 2006 farm receipts were from sales of corn.
- TNG2750** West Tennessee (Henry County) is home to this 2,750-acre, large-sized grain farm. Farmers in this part of Tennessee are known for their early and continued adoption of conservation practices, including widespread implementation of no-till farming. TNG2750 plants 1,100 acres of corn, 550 acres of wheat, and 1,650 acres of soybeans (550 of which are double-cropped after wheat). The farm generated 44 percent of its 2006 gross receipts from sales of corn and 40 percent from soybeans.
- SCG1500** SCG1500 is a moderate-sized, 1,500-acre grain farm in South Carolina (Barnwell County) consisting of 300 acres of corn, 750 acres of cotton, 75 acres of soybeans, and 75 acres of wheat. Nine percent of the farm's receipts were realized from corn sales and 60 percent were from cotton sales during 2006.
- SCG3500** A 3,500-acre, large-sized South Carolina (Clarendon County) grain farm with 2,100 acres of corn, 700 acres of wheat, and 1,400 acres of soybeans (700 double-cropped after wheat). The farm generated 55 percent of 2006 receipts from corn sales and 26 percent from soybean sales, with an additional 12 percent coming from wheat sales. Timing precludes further expansion of relatively lucrative double-cropped acres.

Appendix Table A2. Characteristics of Panel Farms Producing Feed Grains.

	ING1000	ING2200	TXPG3760	TXHG2000	TXWG1400	TXUG1200	TNG900	TNG2750	SCG1500	SCG3500
County	Shelby	Shelby	Castro	Hill	Williamson	Uvalde	Henry	Henry	Barnwell	Clarendon
Total Cropland	1,000.00	2,200.00	3,760.00	2,000.00	1,400.00	1,200.00	900.00	2,750.00	1,500.00	3,500.00
Acres Owned	300.00	770.00	1,311.00	400.00	150.00	0.00	150.00	700.00	375.00	1,400.00
Acres Leased	700.00	1,430.00	2,449.00	1,600.00	1,250.00	1,200.00	750.00	2,050.00	1,125.00	2,100.00
Pastureland										
Acres Owned	0.00	0.00	0.00	60.00	30.00	1.00	0.00	0.00	0.00	1,400.00
Acres Leased	0.00	0.00	0.00	240.00	210.00	0.00	0.00	0.00	0.00	0.00
Assets (\$1000)										
Total	1,999.00	5,128.00	3,982.00	1,160.00	775.00	255.00	932.00	3,079.00	1,211.00	5,818.00
Real Estate	1,420.00	4,250.00	2,903.00	681.00	533.00	0.00	477.00	2,010.00	605.00	4,697.00
Machinery	311.00	538.00	1,078.00	446.00	197.00	255.00	416.00	957.00	390.00	759.00
Other & Livestock	268.00	340.00	0.00	33.00	44.00	0.00	39.00	112.00	216.00	362.00
Debt/Asset Ratios										
Total	0.14	0.14	0.24	0.24	0.21	0.22	0.21	0.19	0.15	0.18
Intermediate	0.11	0.16	0.25	0.15	0.10	0.16	0.09	0.30	0.22	0.40
Long Run	0.13	0.14	0.16	0.16	0.16	0.00	0.15	0.14	0.17	0.16
Number of Livestock										
Beef Cows	0.00	0.00	0.00	40.00	50.00	0.00	0.00	0.00	0.00	0.00
2006 Gross Receipts (\$1,000)*										
Total	403.40	960.00	2,583.30	502.10	353.60	707.30	297.40	942.30	875.10	1,550.70
Cattle	0.00	0.00	0.00	22.70	26.80	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.05	0.08	0.00	0.00	0.00	0.00	0.00
Corn	243.30	599.20	937.30	225.00	175.70	152.60	189.40	411.50	78.40	856.60
	0.60	0.62	0.36	0.45	0.50	0.22	0.64	0.44	0.09	0.55
Sorghum	0.00	0.00	0.00	134.40	45.40	64.70	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.27	0.13	0.09	0.00	0.00	0.00	0.00
Wheat	1.10	0.00	0.00	34.40	7.00	10.20	19.20	114.60	12.00	177.60
	0.00	0.00	0.00	0.07	0.02	0.01	0.07	0.12	0.01	0.12
Soybeans	159.00	360.70	0.00	0.00	0.00	0.00	86.30	376.20	22.50	406.50
	0.39	0.38	0.00	0.00	0.00	0.00	0.29	0.40	0.03	0.26
Cotton	0.00	0.00	1,416.10	85.60	98.70	479.80	0.00	0.00	521.20	110.00
	0.00	0.00	0.55	0.17	0.28	0.68	0.00	0.00	0.60	0.07
Other Receipts	0.00	0.00	88.60	0.00	0.00	0.00	2.50	40.00	0.00	0.00
	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.04	0.00	0.00
2006 Planted Acres**										
Total	1,000.00	2,200.00	3,196.00	2,300.00	1,400.00	1,200.00	1,000.00	3,300.00	1,575.00	4,200.00
Corn	500.00	1,100.00	1,344.00	1,000.00	900.00	450.00	500.00	1,100.00	300.00	2,100.00
	0.50	0.50	0.42	0.44	0.64	0.38	0.50	0.33	0.19	0.50
Sorghum	0.00	0.00	0.00	500.00	200.00	200.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.22	0.14	0.17	0.00	0.00	0.00	0.00
Wheat	0.00	0.00	0.00	250.00	50.00	150.00	100.00	550.00	75.00	700.00
	0.00	0.00	0.00	0.11	0.04	0.13	0.10	0.17	0.05	0.17
Soybeans	500.00	1,100.00	0.00	0.00	0.00	0.00	400.00	1,650.00	75.00	1,400.00
	0.50	0.50	0.00	0.00	0.00	0.00	0.40	0.50	0.05	0.33
Cotton	0.00	0.00	1,472.00	250.00	250.00	400.00	0.00	0.00	750.00	0.00
	0.00	0.00	0.46	0.11	0.18	0.33	0.00	0.00	0.48	0.00
Improved Pasture	0.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00

\*Receipts for 2006 are included to indicate the relative importance of each enterprise to the farm. Percents indicate the percentage of the total receipts accounted for by the livestock categories and the crops.

\*\*Acres for 2006 are included to indicate the relative importance of each enterprise to the farm. Total planted acreage may exceed total cropland available due to double cropping. Percents indicate the percentage of total planted acreage accounted for by the crop.



## 2006 CHARACTERISTICS OF PANEL FARMS PRODUCING WHEAT

- WAW1725** This is a 1,725-acre moderate-sized grain farm in the Palouse of southeastern Washington (Whitman County). It plants 1,121 acres of wheat, 173 acres of barley, and 431 acres of dry peas. Disease concerns dictate rotating a minimum acreage of barley and peas to maintain wheat yields. This farm generated 84 percent of 2006 receipts from wheat.
- WAW5000** A 5,000-acre, large-sized grain farm in the Palouse of southeastern Washington (Whitman County). Annually, this farm allocates 2,915 acres to wheat, 233 acres to barley, and 1,293 acres to dry peas. Diseases that inhibit wheat yield dictate the rotation of a minimum acreage of barley and peas. Wheat sales accounted for 78 percent of 2006 receipts.
- WAAW3500** South central Washington (Adams County) is home to this 3,500-acre, large-sized grain farm. Annually, this farm plants 1,500 acres of wheat in a wheat-fallow rotation. Additionally, 500 acres are enrolled in a CRP contract. In 2006, wheat sales accounted for 94 percent of the farm's gross receipts.
- ORW4000** A 4,000-acre large-sized grain farm located in northeastern Oregon (Morrow County). This farm plants 1,600 acres annually in a wheat-fallow rotation, with 400 additional acres enrolled in a CRP contract. Ninety-five percent of this farm's 2006 total receipts came from wheat sales.
- MTW4500** North-central Montana (Chouteau County) is home to this 4,500 acre farm on which 2,330 acres of wheat (1,711 acres of winter wheat, 619 acres of spring wheat) are planted each year. MTW4500 uses no-till production practices. In 2006, 98 percent of cash income came from wheat.
- COW3000** A 3,000-acre northeast Colorado (Washington County), moderate-sized grain farm that plants 970 acres of winter wheat, 805 acres of millet, and 600 acres of corn each year. COW3000 has adopted minimum tillage practices on most of its acres. This farm generated 33 percent of its receipts from wheat, 33 percent from millet, and 28 percent from corn.
- COW5640** A 5,640-acre, large-sized northeast Colorado (Washington County) grain farm. It plants 2,256 acres of wheat, 490 acres of millet, and 490 acres of corn. During 2006, 70 percent of gross receipts came from wheat sales and 15 percent came from corn sales.
- KSCW1600** South central Kansas (Sumner County) is home to this 1,600-acre, moderate-sized grain farm. KSCW1600 plants 1,072 acres of winter wheat, 208 acres of sorghum, and 160 acres of soybeans each year. For 2006, 66 percent of gross receipts came from wheat.
- KSCW4000** A 4,000-acre, large-sized grain farm in south central Kansas (Sumner County) that plants 2,000 acres of winter wheat, 1,000 acres of sorghum, 500 acres of corn, and 500 acres of soybeans. Forty-eight percent of this farm's 2006 total receipts were generated from sales of winter wheat.
- KSNW2800** This is a 2,800-acre, moderate-sized northwest Kansas (Thomas County) grain farm. This farm plants 1400 acres of winter wheat (wheat-fallow rotation), 467 acres of corn, and 233 acres of sorghum. KSNW2800 also owns 80 head of beef cows. This farm generated 48 percent of 2006 receipts from wheat and 37 percent of its receipts from feedgrains.
- KSNW5000** KSNW5000 is a 5,000-acre, large-sized northwest Kansas (Thomas County) grain farm that annually plants 2,325 acres of winter wheat, 1,013 acres of corn, 382 acres of sorghum, and 130 acres of soybeans. This farm also runs 100 head of beef cows. The farm generated 39 percent of receipts from wheat, 53 percent from feedgrains, and eight percent from cattle during 2006.

Appendix Table A3. Characteristics of Panel Farms Producing Wheat.

	WAW1725	WAW5000	WAAW3500	ORW4000	MTW4500	COW3000	COW5640	KSCW1600	KSCW4000	KSNW2800	KSNW5000
County	Whitman	Whitman	Adams	Morrow	Chouteau	Washington	Washington	Sumner	Sumner	Thomas	Thomas
Total Cropland	1,725.00	5,000.00	3,500.00	3,600.00	4,500.00	3,000.00	5,640.00	1,600.00	4,000.00	2,800.00	5,000.00
Acres Owned	518.00	2,250.00	1,400.00	1,600.00	2,700.00	1,137.00	1,880.00	560.00	1,000.00	1,170.00	1,750.00
Acres Leased	1,207.00	2,750.00	2,100.00	2,000.00	1,800.00	1,863.00	3,760.00	1,040.00	3,000.00	1,630.00	3,250.00
Pastureland											
Acres Owned	0.00	0.00	0.00	0.00	0.00	200.00	0.00	0.00	0.00	400.00	500.00
Acres Leased	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400.00	500.00
Assets (\$1000)											
Total	1,275.00	4,837.00	1,189.00	1,265.00	2,563.00	1,175.00	1,923.00	1,099.00	2,139.00	1,529.00	2,637.00
Real Estate	874.00	3,684.00	992.00	865.00	1,904.00	852.00	1,328.00	693.00	1,285.00	1,111.00	1,893.00
Machinery	392.00	1,137.00	190.00	334.00	410.00	274.00	529.00	390.00	854.00	322.00	545.00
Other & Livestock	8.00	16.00	6.00	67.00	249.00	48.00	66.00	16.00	0.00	96.00	199.00
Debt/Asset Ratios											
Total	0.22	0.16	0.15	0.14	0.15	0.24	0.26	0.25	0.20	0.15	0.14
Intermediate	0.19	0.15	0.10	0.08	0.13	0.08	0.13	0.18	0.23	0.07	0.07
Long Run	0.16	0.15	0.17	0.16	0.17	0.16	0.15	0.17	0.17	0.17	0.16
Number of Livestock											
Beef Cows	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00	100.00
2006 Gross Receipts (\$1,000)*											
Total	439.50	1,329.40	269.20	333.80	580.80	191.50	417.50	289.20	721.10	403.60	961.10
Cattle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.50	74.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.08
Wheat	367.30	1,032.30	253.50	316.80	571.50	63.90	290.60	191.80	345.60	195.00	378.80
	0.84	0.78	0.94	0.95	0.98	0.33	0.70	0.66	0.48	0.48	0.39
Sorghum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.30	213.80	48.40	94.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.30	0.12	0.10
Barley	31.90	61.10	1.00	0.00	9.40	0.00	0.00	0.00	0.00	0.00	0.00
	0.07	0.05	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
Corn	0.00	0.00	0.00	0.00	0.00	54.00	64.20	0.00	91.50	98.70	362.60
	0.00	0.00	0.00	0.00	0.00	0.28	0.15	0.00	0.13	0.25	0.38
Soybeans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.80	70.10	0.00	51.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.10	0.00	0.05
Dry Peas	40.20	216.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.09	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Millet	0.00	0.00	0.00	0.00	0.00	62.60	47.20	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.33	0.11	0.00	0.00	0.00	0.00
Other Receipts	0.00	19.10	14.70	17.00	0.00	10.90	15.50	0.00	0.00	0.00	0.00
	0.00	0.01	0.06	0.05	0.00	0.06	0.04	0.00	0.00	0.00	0.00
2006 Planted Acres**											
Total	1,725.00	4,766.00	2,000.00	2,000.00	2,330.00	2,675.00	3,666.00	1,600.00	4,000.00	2,100.00	3,850.00
Wheat	1,121.00	2,915.00	1,500.00	1,600.00	2,330.00	970.00	2,256.00	1,072.00	2,000.00	1,400.00	2,325.00
	0.65	0.61	0.75	0.80	1.00	0.36	0.62	0.67	0.50	0.67	0.60
Sorghum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	208.00	1,000.00	233.00	382.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.25	0.11	0.10
Barley	173.00	233.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.10	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Corn	0.00	0.00	0.00	0.00	0.00	600.00	490.00	0.00	500.00	467.00	1,013.00
	0.00	0.00	0.00	0.00	0.00	0.22	0.13	0.00	0.13	0.22	0.26
Soybeans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	160.00	500.00	0.00	130.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.13	0.00	0.03
Dry Peas	431.00	1,293.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.25	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Millet	0.00	0.00	0.00	0.00	0.00	805.00	490.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.30	0.13	0.00	0.00	0.00	0.00
CRP	0.00	325.00	500.00	400.00	0.00	300.00	430.00	0.00	0.00	0.00	0.00
	0.00	0.07	0.25	0.20	0.00	0.11	0.12	0.00	0.00	0.00	0.00

\*Receipts for 2006 are included to indicate the relative importance of each enterprise to the farm. Percents indicate the percentage of the total receipts accounted for by the livestock categories and the crops.

\*\*Acreages for 2006 are included to indicate the relative importance of each enterprise to the farm. Total planted acreage may exceed total cropland available due to double cropping. Percents indicate the percentage of total planted acreage accounted for by the crop.

## 2006 CHARACTERISTICS OF PANEL FARMS PRODUCING COTTON

- TXNP3000** This is a 3,000-acre cotton farm located on the northern High Plains of Texas (Moore County). This farm plants 1,500 acres of cotton (1,200 irrigated and 300 dryland), 360 acres of irrigated corn, 240 acres of irrigated sorghum for seed production, and 600 acres of irrigated wheat annually. Fifty-five percent of total receipts are generated from cotton sales.
- TXNP7000** TXNP7000 is a large-sized cotton farm located in the northern Texas Panhandle (Moore County). This farm annually plants 2,850 acres of irrigated cotton, 1,100 acres of irrigated corn, 796 acres of sorghum (516 acres of dryland and 280 acres of irrigated production for seed), and 1,237 acres of winter wheat (720 acres irrigated and 517 acres dryland). Fifty-six percent of 2006 cash receipts were derived from cotton sales.
- TXSP2239** A 2,239-acre Texas South Plains (Dawson County) cotton farm that is moderate-sized for the area. TXSP2239 plants 1,800 acres of cotton (1,434 dryland, 366 irrigated), 60 acres of peanuts, and has 183 acres in CRP. For 2006, 89 percent of receipts came from cotton.
- TXSP3745** The Texas South Plains (Dawson County) is home to this 3,745-acre, large-sized cotton farm that grows 3,036 acres of cotton (2,406 dryland, 630 irrigated), 120 acres of peanuts, and has 288 acres in CRP. Cotton sales comprised 85 percent of 2006 receipts.
- TXPC2500** The Texas Panhandle is home to this 2,500-acre farm (Deaf Smith County). Annually, cotton is planted on 1,367 acres (1,000 irrigated and 367 dryland), 758 acres planted to wheat (700 irrigated and 58 dryland), and 250 irrigated acres are planted to corn. Fifty-nine percent of 2006 cash receipts were generated by cotton sales.
- TXEC5000** This 5,000-acre farm is located on the Eastern Caprock of the Texas South Plains (Crosby County). Annually, 3,800 acres are planted to cotton (2,800 irrigated and 1,000 dryland), 400 acres of wheat (100 irrigated and 300 dryland), and 300 acres of dryland sorghum. In 2006, cotton sales accounted for 95 percent of gross receipts.
- TXRP2500** TXRP2500 is a 2,500-acre cotton farm located in the Rolling Plains of Texas (Jones County). This farm plants 1,117 acres of cotton and 825 acres of winter wheat each year. The area is limited by rainfall, and the farm uses a conservative level of inputs. Seventy-six percent of 2006 farm receipts came from cotton sales. Seventeen head of beef cows generated three percent of farm receipts.
- TXMC1800** This 1,800-acre cotton farm is located on the Coastal Plain of southeast Texas (Wharton County). TXMC1800 farms 900 acres of cotton and 450 acres each of sorghum and corn. In 2006, cotton sales comprised 66 percent of total cash receipts on this operation.
- TXCB2250** A 2,250-acre cotton farm located on the Texas Coastal Bend (San Patricio County) that farms 1,350 acres of cotton, 675 acres of sorghum, and 225 acres of corn annually. Seventy-four percent of 2006 cash receipts were generated by cotton.
- TXCB5500** Nueces County, Texas is home to this 5,500-acre farm. Annually, 2,750 acres are planted to cotton and 2,750 acres to sorghum. Cotton sales accounted for 67 percent of 2006 receipts.
- TXVC4500** This 4,500-acre farm is located in the lower Rio Grande Valley of Texas (Willacy County) and plants 2,388 acres to cotton (500 irrigated and 1,888 acres dryland), 1,887 acres to sorghum, and 225 acres of sugarcane. In 2006, 58 percent of TXVC4500's cash receipts were generated by cotton sales.

Appendix Table A4. Characteristics of Panel Farms Producing Cotton.

	TXNP3000	TXNP7000	TXSP2239	TXSP3745	TXPC2500	TXEC5000	TXRP2500	TXMC1800	TXCB2250	TXCB5500	TXVC4500
County	Moore	Moore	Dawson	Dawson	Deaf Smith	Crosby	Jones	Wharton	San Patricio	Nueces	Willacy
Total Cropland	3,000.00	7,000.00	2,239.00	3,745.00	2,500.00	5,000.00	2,500.00	1,800.00	2,250.00	5,500.00	4,500.00
Acres Owned	300.00	1,150.00	670.00	1,650.00	1,500.00	640.00	400.00	180.00	450.00	225.00	900.00
Acres Leased	2,700.00	5,850.00	1,569.00	2,095.00	1,000.00	4,360.00	2,100.00	1,620.00	1,800.00	5,275.00	3,600.00
Pastureland											
Acres Leased	0.00	0.00	0.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00
Assets (\$1000)											
Total	907.00	2,937.00	928.00	2,257.00	2,598.00	1,712.00	580.00	871.00	1,150.00	1,278.00	2,750.00
Real Estate	462.00	1,277.00	518.00	1,417.00	1,329.00	448.00	277.00	297.00	697.00	334.00	1,618.00
Machinery	445.00	1,660.00	410.00	840.00	963.00	927.00	289.00	574.00	446.00	932.00	1,053.00
Other & Livestock	0.00	0.00	0.00	0.00	306.00	338.00	14.00	0.00	7.00	12.00	78.00
Debt/Asset Ratios											
Total	0.60	0.38	0.31	0.29	0.17	0.15	0.27	0.21	0.22	0.38	0.22
Intermediate	0.18	0.25	0.10	0.14	0.23	0.20	0.26	0.08	0.12	0.28	0.30
Long Run	0.14	0.14	0.15	0.15	0.18	0.15	0.17	0.17	0.16	0.16	0.17
Number of Livestock											
Beef Cows	0.00	0.00	0.00	0.00	0.00	0.00	17.00	0.00	0.00	0.00	0.00
2006 Gross Receipts (\$1,000)*											
Total	1,180.50	2,695.70	520.70	880.80	1,224.10	1,504.70	251.60	657.30	711.00	1,677.00	1,149.10
Cattle	0.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Cotton	649.90	1,512.80	481.60	783.60	719.90	1,435.60	192.30	436.30	526.80	1,124.20	660.80
	0.55	0.56	0.93	0.89	0.59	0.95	0.76	0.66	0.74	0.67	0.58
Sorghum	139.10	219.50	0.00	0.00	0.00	26.80	0.00	91.60	145.60	552.80	310.60
	0.12	0.08	0.00	0.00	0.00	0.02	0.00	0.14	0.21	0.33	0.27
Wheat	95.70	126.90	0.00	0.00	157.00	16.00	51.30	0.00	0.00	0.00	0.00
	0.08	0.05	0.00	0.00	0.13	0.01	0.20	0.00	0.00	0.00	0.00
Corn	228.40	695.60	0.00	0.00	257.00	0.00	0.00	119.80	38.60	0.00	0.00
	0.19	0.26	0.00	0.00	0.21	0.00	0.00	0.18	0.05	0.00	0.00
Peanuts	0.00	0.00	33.20	88.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rice	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
Sugar Cane	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	177.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
Other Receipts	0.00	0.00	5.90	8.90	31.40	26.20	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.01	0.01	0.03	0.02	0.00	0.00	0.00	0.00	0.00
2006 Planted Acres**											
Total	3,000.00	6,483.00	2,043.00	3,444.00	2,500.00	4,500.00	1,942.00	1,800.00	2,250.00	5,500.00	4,500.00
Cotton	1,500.00	2,850.00	1,800.00	3,036.00	1,367.00	3,800.00	1,117.00	900.00	1,350.00	2,750.00	2,387.50
	0.50	0.44	0.88	0.88	0.55	0.84	0.58	0.50	0.60	0.50	0.53
Sorghum	240.00	796.00	0.00	0.00	0.00	300.00	0.00	450.00	675.00	2,750.00	1,887.50
	0.08	0.12	0.00	0.00	0.00	0.07	0.00	0.25	0.30	0.50	0.42
Wheat	600.00	1,237.00	0.00	0.00	758.00	400.00	825.00	0.00	0.00	0.00	0.00
	0.20	0.19	0.00	0.00	0.30	0.09	0.43	0.00	0.00	0.00	0.00
Corn	360.00	1,100.00	0.00	0.00	250.00	0.00	0.00	450.00	225.00	0.00	0.00
	0.12	0.17	0.00	0.00	0.10	0.00	0.00	0.25	0.10	0.00	0.00
Peanuts	0.00	0.00	60.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CRP	0.00	0.00	183.00	288.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sugar Cane	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	225.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05

\*Receipts for 2006 are included to indicate the relative importance of each enterprise to the farm. Percents indicate the percentage of the total receipts accounted for by the livestock categories and the crops.

\*\*Acreages for 2006 are included to indicate the relative importance of each enterprise to the farm. Total planted acreage may exceed total cropland available due to double cropping. Percents indicate the percentage of total planted acreage accounted for by the crop.

## 2006 CHARACTERISTICS OF PANEL FARMS PRODUCING COTTON (continued)

- CAC4000** A 4,000-acre cotton farm located in Kings County, California, CAC4000 plants 2,000 acres to cotton, 1,000 acres to vegetables, 700 acres to hay and silage, and harvests 300 acres of almonds. Forty-six percent of 2006 receipts came from cotton sales.
- LAC2640** This is a 2,640-acre cotton farm located in north Louisiana (Morehouse Parish). LAC2640 plants 924 acres of cotton, 1,056 acres of corn, and 660 acres of soybeans each year. During 2006, 53 percent of farm receipts were generated from cotton sales.
- ARC6000** ARC6000 is a 6,000-acre cotton farm in southeast Arkansas (Desha County) that plants 2,000 acres of cotton, 2,000 acres of rice, 1,500 acres of soybeans, and 500 acres of sorghum. For 2006, 46 percent of gross receipts came from cotton sales, 39 percent from rice sales, and 10 percent from soybean sales.
- ARNC5000** Far northeast Arkansas (Mississippi County) is home to this 5,000-acre cotton farm. ARNC5000 plants all its acres to cotton annually, generating 100 percent of its receipts from cotton.
- TNC1900** A 1,900-acre, moderate-sized West Tennessee (Fayette County) cotton farm. TNC1900 consists of 990 acres of cotton, 440 acres each of soybeans and corn, and 30 acres enrolled in CRP. Cotton accounted for 72 percent of 2006 gross receipts, with corn and soybeans contributing 17 percent and 11 percent, respectively.
- TNC4050** TNC4050 is a 4,050-acre, large-sized West Tennessee (Haywood County) cotton farm. This farm plants 2,670 acres of cotton, 820 acres of soybeans, 560 acres of corn, and 328 acres of wheat each year. During 2006, cotton sales generated 78 percent of gross receipts.
- ALC3000** A 3,000-acre cotton farm located in northern Alabama (Lawrence County) that plants 2,100 acres to cotton, 750 acres to corn, and 150 acres to soybeans annually. This farm was early to adopt no-till cropping practices. Cotton sales accounted for 81 percent of total farm receipts during 2006.
- GAC2300** Southwest Georgia (Decatur County) is home to a 2,300-acre cotton farm that plants 1,495 acres to cotton, 575 acres to peanuts, and 230 acres to soybeans. This farm was added during 2001 to represent resurgent cotton production in the Deep South. In 2006, farm receipts were comprised largely of cotton sales (64 percent) and peanut sales (30 percent).
- NCC1500** This is a 1,500-acre cotton farm located on the upper coastal plain of North Carolina (Wayne County). NCC1500 plants 954 acres of cotton, 273 acres of wheat, and 546 acres of soybeans (273 acres of which are double-cropped) annually. Cotton accounted for 67 percent of this farm's 2006 receipts with 17 percent coming from soybean sales.

Appendix Table A5. Characteristics of Panel Farms Producing Cotton.

	CAC4000	LAC2640	ARC6000	ARNC5000	TNC1900	TNC4050	ALC3000	GAC2300	NCC1500
County	Kings	Morehouse	Desha	Mississippi	Fayette	Haywood	Lawrence	Decatur	Wayne
Total Cropland	4,000.00	2,640.00	6,000.00	5,000.00	1,900.00	4,050.00	3,000.00	2,300.00	1,500.00
Acres Owned	2,000.00	0.00	1,200.00	1,000.00	225.00	1,000.00	0.00	690.00	225.00
Acres Leased	2,000.00	2,640.00	4,800.00	4,000.00	1,675.00	3,050.00	3,000.00	1,610.00	1,275.00
Assets (\$1000)									
Total	13,760.00	908.00	7,274.00	6,262.00	2,361.00	4,467.00	1,521.00	3,838.00	3,015.00
Real Estate	12,183.00	94.00	4,352.00	3,289.00	1,010.00	2,753.00	300.00	2,500.00	2,162.00
Machinery	1,074.00	693.00	2,895.00	2,941.00	689.00	1,379.00	1,167.00	818.00	587.00
Other & Livestock	503.00	121.00	27.00	32.00	663.00	335.00	53.00	520.00	266.00
Debt/Asset Ratios									
Total	0.16	0.24	0.31	0.29	0.16	0.23	0.15	0.15	0.16
Intermediate	0.19	0.27	0.32	0.30	0.33	0.17	0.09	0.22	0.18
Long Run	0.17	0.08	0.14	0.13	0.10	0.14	0.16	0.14	0.16
2006 Gross Receipts (\$1,000)*									
Total	6,372.50	1,346.40	3,225.10	2,822.40	932.80	1,697.40	923.90	1,880.90	877.60
Cotton	2,935.60	711.00	1,485.90	2,822.40	672.70	1,324.60	750.30	1,273.70	587.00
	0.46	0.53	0.46	1.00	0.72	0.78	0.81	0.68	0.67
Sorghum	0.00	0.00	152.20	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Wheat	0.00	0.00	0.00	0.00	0.00	78.60	0.00	0.00	56.90
	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.07
Soybeans	0.00	119.40	330.70	0.00	99.00	124.00	17.80	115.00	149.50
	0.00	0.09	0.10	0.00	0.11	0.07	0.02	0.06	0.17
Corn	0.00	477.20	0.00	0.00	159.80	166.20	155.80	0.00	4.20
	0.00	0.35	0.00	0.00	0.17	0.10	0.17	0.00	0.01
Hay	968.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peanuts	0.00	0.00	0.00	0.00	0.00	0.00	0.00	492.30	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00
Rice	0.00	38.80	1,256.30	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.03	0.39	0.00	0.00	0.00	0.00	0.00	0.00
Other Receipts	2,468.00	0.00	0.00	0.00	1.40	4.00	0.00	0.00	80.00
	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
2006 Planted Acres**									
Total	4,000.00	2,640.00	6,000.00	5,000.00	1,900.00	4,378.00	3,000.00	2,300.00	1,773.00
Cotton	2,000.00	924.00	2,000.00	5,000.00	990.00	2,670.00	2,100.00	1,495.00	954.00
	0.50	0.35	0.33	1.00	0.52	0.61	0.70	0.65	0.54
Sorghum	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
Wheat	0.00	0.00	0.00	0.00	0.00	328.00	0.00	0.00	273.00
	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.15
Soybeans	0.00	660.00	1,500.00	0.00	440.00	820.00	150.00	230.00	546.00
	0.00	0.25	0.25	0.00	0.23	0.19	0.05	0.10	0.31
Corn	0.00	1,056.00	0.00	0.00	440.00	560.00	750.00	0.00	0.00
	0.00	0.40	0.00	0.00	0.23	0.13	0.25	0.00	0.00
Hay	700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peanuts	0.00	0.00	0.00	0.00	0.00	0.00	0.00	575.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00
CRP	0.00	0.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Rice	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00
Vegetables	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

\*Receipts for 2006 are included to indicate the relative importance of each enterprise to the farm. Percents indicate the percentage of the total receipts accounted for by the livestock categories and the crops.

\*\*Acreages for 2006 are included to indicate the relative importance of each enterprise to the farm. Total planted acreage may exceed total cropland available due to double cropping. Percents indicate the percentage of total planted acreage accounted for by the crop.

## 2006 CHARACTERISTICS OF PANEL FARMS PRODUCING RICE

- CAR550** CAR550 is a 550-acre moderate-sized rice farm in the Sacramento Valley of California (Sutter and Yuba Counties) that plants 500 acres of rice annually. This farm generated 100 percent of 2006 gross receipts from rice sales.
- CAR2365** This is a 2,365-acre rice farm located in the Sacramento Valley of California (Sutter and Yuba Counties) that is large-sized for the region. CAR2365 plants 2,240 acres of rice annually. Ninety-eight percent of 2006's total receipts were generated from rice sales.
- CABR1300** The Sacramento Valley (Butte County) is home to CABR1300, a 1,300-acre rice farm. CABR1300 harvests 1,200 acres of rice annually, generating 100 percent of 2006 farm receipts from rice sales.
- CACR715** CACR715 is a 715-acre rice farm located in the Sacramento Valley of California (Colusa County). This farm harvests 650 acres of rice each year. During 2006, 100 percent of farm receipts were realized from rice sales.
- TXR1350** This 1,350-acre rice farm located west of Houston, Texas (Colorado County) is moderate-sized for the region. TXR1350 harvests 450 acres of first-crop rice and 405 acres of ratoon rice. The farm generated 98 percent of its receipts from rice during 2006.
- TXR2400** TXR2400 is a 2,400-acre, large-sized rice farm located west of Houston, Texas (Colorado County). This farm harvests 1,200 acres of first-crop rice and 1,080 acres of ratoon rice annually. TXR2400 realized 99 percent of 2006 gross receipts from rice sales.
- TXBR1800** The Texas Gulf Coast (Matagorda County) is home to this 1,800-acre rice farm. TXBR1800 harvests 1,200 acres of rice annually (600 acres of first-crop rice and 600 acres of ratoon rice) and realized 100 percent of 2006 farm receipts from rice sales.
- TXER3200** This 3,200-acre rice farm is large for the Texas Gulf Coast (Wharton County). TXER3200 harvests 1,280 acres of first-crop rice and 960 acres of ratoon rice each year. The farm also grows 160 acres each of soybeans and grain sorghum annually. Ninety-five percent of 2006 receipts came from rice sales.

Appendix Table A6. Characteristics of Panel Farms Producing Rice.

	CAR550	CAR2365	CABR1300	CACR715	TXR1350	TXR2400	TXBR1800	TXER3200
County	Sutter	Sutter	Butte	Colusa	Colorado	Colorado	Matagorda	Wharton
Total Cropland	550.00	2,365.00	1,300.00	715.00	1,350.00	2,400.00	1,800.00	3,200.00
Acres Owned	275.00	769.00	520.00	286.00	405.00	0.00	0.00	320.00
Acres Leased	275.00	1,596.00	780.00	429.00	945.00	2,400.00	1,800.00	2,880.00
Assets (\$1000)								
Total	1,794.00	5,305.00	3,866.00	1,952.00	1,084.00	939.00	565.00	1,180.00
Real Estate	1,239.00	4,041.00	2,822.00	1,663.00	588.00	48.00	51.00	584.00
Machinery	555.00	1,264.00	992.00	288.00	391.00	870.00	514.00	596.00
Other & Livestock	0.00	0.00	52.00	0.00	105.00	21.00	0.00	0.00
Debt/Asset Ratios								
Total	0.29	0.20	0.20	0.18	0.27	0.48	0.63	0.55
Intermediate	0.23	0.25	0.30	0.18	0.21	0.23	0.27	0.31
Long Run	0.17	0.17	0.17	0.17	0.14	0.13	0.19	0.16
2006 Gross Receipts (\$1,000)*								
Total	483.70	2,318.30	1,299.10	752.00	395.40	829.40	774.90	1,097.40
Rice	483.70	2,278.30	1,295.10	748.00	385.40	821.90	774.90	1,036.80
	1.00	0.98	1.00	1.00	0.98	0.99	1.00	0.95
Soybeans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Sorghum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Other Receipts	0.00	40.00	4.00	4.00	10.00	7.50	0.00	0.00
	0.00	0.02	0.00	0.01	0.03	0.01	0.00	0.00
2006 Planted Acres**								
Total	500.00	2,240.00	1,200.00	650.00	855.00	2,280.00	1,200.00	2,560.00
Rice	500.00	2,240.00	1,200.00	650.00	855.00	2,280.00	1,200.00	2,240.00
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.88
Soybeans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	160.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
Sorghum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	160.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06

\*Receipts for 2006 are included to indicate the relative importance of each enterprise to the farm. Percents indicate the percentage of the total receipts accounted for by the livestock categories and the crops.

\*\*Acreages for 2006 are included to indicate the relative importance of each enterprise to the farm. Total planted acreage may exceed total cropland available due to double cropping. Percents indicate the percentage of total planted acreage accounted for by the crop.



## 2006 CHARACTERISTICS OF PANEL FARMS PRODUCING RICE (continued)

- LASR1200** A 1,200-acre southwest Louisiana (Acadia, Jeff Davis, and Vermilion parishes) rice farm, LASR1200 is moderate-sized for the area. This farm harvests 660 acres of rice and 250 acres of soybeans. During 2006, 85 percent of gross receipts were generated from rice sales.
- LANR2500** This is a 2,500-acre, large-sized northeast Louisiana (Madison Parish) rice farm. This farm harvests 1,000 acres of rice, 800 acres of soybeans, 325 acres of cotton, and 250 acres of corn. For 2006, 57 percent of farm receipts came from rice, 15 percent from soybeans, and 17 percent from cotton.
- MOWR4000** A 4,000-acre rice farm located in southeast Missouri (Butler County), MOWR4000 is large-sized for the region. Annually, this farm plants 2,000 acres of rice and 2,000 acres of soybeans. Seventy percent of receipts for this farm came from rice sales in 2006.
- ARSR3640** ARSR3640 is a 3,640-acre, large-sized Arkansas (Arkansas County) rice farm that harvests 1,620 acres of rice, 1,620 acres of soybeans, and 324 acres of wheat each year. Sixty-four percent of this farm's 2006 receipts came from rice sales.
- ARWR1200** East central Arkansas (Cross County) is home to this 1,200-acre rice farm. Moderate-sized for the region, ARWR1200 annually plants 600 acres to rice, 600 acres to soybeans, and 60 acres of double-cropped wheat. During 2006, rice sales generated 70 percent of gross receipts.
- ARHR3000** ARHR3000 is a 3,000-acre large-sized northeast Arkansas (Lawrence County) rice farm that annually harvests 1,750 acres of rice and 1,250 acres of soybeans. Rice sales accounted for 80 percent of 2006 farm receipts.

Appendix Table A7. Characteristics of Panel Farms Producing Rice.

	LASR1200	LANR2500	MOWR4000	ARSR3640	ARWR1200	ARHR3000
County	Acadia	Madison	Butler	Arkansas	Cross	Lawrence
Total Cropland	1,200.00	2,500.00	4,000.00	3,640.00	1,200.00	3,000.00
Acres Owned	50.00	1,250.00	2,000.00	728.00	360.00	1,000.00
Acres Leased	1,150.00	1,250.00	2,000.00	2,912.00	840.00	2,000.00
Assets (\$1000)						
Total	444.00	4,072.00	9,225.00	3,977.00	2,426.00	6,009.00
Real Estate	138.00	2,939.00	6,197.00	2,703.00	1,566.00	4,376.00
Machinery	306.00	1,132.00	2,621.00	1,274.00	824.00	1,592.00
Other & Livestock	0.00	0.00	407.00	0.00	36.00	41.00
Debt/Asset Ratios						
Total	0.88	0.22	0.20	0.20	0.30	0.32
Intermediate	0.32	0.17	0.33	0.23	0.15	0.37
Long Run	0.14	0.13	0.15	0.14	0.13	0.13
2006 Gross Receipts (\$1,000)*						
Total	398.50	1,210.70	2,067.90	1,156.80	561.70	1,525.20
Rice	338.00	684.30	1,444.90	741.40	392.90	1,218.00
	0.85	0.57	0.70	0.64	0.70	0.80
Soybeans	36.40	178.50	623.00	351.10	154.90	307.20
	0.09	0.15	0.30	0.30	0.28	0.20
Corn	0.00	136.20	0.00	0.00	0.00	0.00
	0.00	0.11	0.00	0.00	0.00	0.00
Sorghum	0.00	2.10	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00
Wheat	0.00	0.00	0.00	64.30	13.90	0.00
	0.00	0.00	0.00	0.06	0.03	0.00
Cotton	0.00	209.70	0.00	0.00	0.00	0.00
	0.00	0.17	0.00	0.00	0.00	0.00
Other Receipts	24.00	0.00	0.00	0.00	0.00	0.00
	0.01	0.00	0.00	0.00	0.00	0.00
2006 Planted Acres**						
Total	910.00	2,375.00	4,000.00	3,564.00	1,260.00	3,000.00
Rice	660.00	1,000.00	2,000.00	1,620.00	600.00	1,750.00
	0.73	0.42	0.50	0.46	0.48	0.58
Soybeans	250.00	800.00	2,000.00	1,620.00	600.00	1,250.00
	0.28	0.34	0.50	0.46	0.48	0.42
Corn	0.00	250.00	0.00	0.00	0.00	0.00
	0.00	0.11	0.00	0.00	0.00	0.00
Wheat	0.00	0.00	0.00	324.00	60.00	0.00
	0.00	0.00	0.00	0.09	0.05	0.00
Cotton	0.00	325.00	0.00	0.00	0.00	0.00
	0.00	0.14	0.00	0.00	0.00	0.00

\*Receipts for 2006 are included to indicate the relative importance of each enterprise to the farm. Percents indicate the percentage of the total receipts accounted for by the livestock categories and the crops.

\*\*Acreages for 2006 are included to indicate the relative importance of each enterprise to the farm. Total planted acreage may exceed total cropland available due to double cropping. Percents indicate the percentage of total planted acreage accounted for by the crop.

## 2006 CHARACTERISTICS OF PANEL FARMS PRODUCING MILK

- CAD1710** A 1,710-cow, large-sized central California (Tulare County) dairy. The farm plants 1,100 acres of hay/silage for which it employs custom harvesting. Milk sales generated 91 percent of 2006 total receipts.
- NMD2125** A 2,125 cow, large-sized southern New Mexico (Dona Ana and Chaves Counties) dairy. This farm purchases all commodities necessary for blending its own total mixed ration and plants no crops. Milk sales accounted for 91 percent of 2006 total receipts.
- WAD250** A 250-cow, moderate-sized northern Washington (Whatcom County) dairy. This farm plants 200 acres of silage and generated 88 percent of its 2006 gross receipts from milk sales.
- WAD850** An 850-cow, large-sized northern Washington (Whatcom County) dairy. This farm plants 605 acres for silage annually. During 2006, 93 percent of this farm's gross receipts came from milk.
- IDD1000** A 1,000-cow, moderate-sized Idaho (Twin Falls County) dairy. This farm plants no crops. Milk sales accounted for 88 percent of IDD1000's gross receipts for 2006.
- IDD3000** A 3,000-cow, large-sized Idaho (Twin Falls County) dairy. This farm plants 2,000 acres for silage annually. Milk sales represent 91 percent of this farm's gross receipts.
- TXND3000** A 3,000-cow, large-sized dairy located in the South Plains of Texas (Bailey County). This farm plants 180 acres of sorghum for silage annually. Milk sales account for 90 percent of 2006 gross receipts.
- TXCD550** A 550-cow, moderate-sized central Texas (Erath County) dairy. TXCD550 plants 500 acres of hay each year. Milk sales represented 90 percent of this farm's 2006 gross receipts.
- TXCD1300** A 1,300-cow, large-sized central Texas (Erath County) dairy. TXCD1300 plants 400 acres of silage annually. During 2006, milk sales accounted for 91 percent of receipts.

Appendix Table A8. Characteristics of Panel Farms Producing Milk.

	CAD1710	NMD2125	WAD250	WAD850	IDD1000	IDD3000	TXND3000	TXCD550	TXCD1300
County	Tulare	Chaves	Whatcom	Whatcom	Twin Falls	Twin Falls	Bailey	Erath	Erath
Total Cropland	700.00	370.00	200.00	605.00	360.00	1,500.00	480.00	250.00	460.00
Acres Owned	700.00	370.00	100.00	300.00	360.00	1,500.00	480.00	250.00	230.00
Acres Leased	0.00	0.00	100.00	305.00	0.00	0.00	0.00	0.00	230.00
Pastureland									
Acres Owned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.00	140.00
Assets (\$1000)									
Total	13,234.00	10,295.00	2,837.00	6,706.00	5,959.00	20,411.00	12,224.00	2,653.00	6,380.00
Real Estate	8,061.00	4,753.00	1,915.00	4,499.00	2,874.00	10,516.00	3,880.00	1,211.00	2,460.00
Machinery	324.00	613.00	299.00	709.00	296.00	867.00	754.00	342.00	855.00
Other & Livestock	4,849.00	4,929.00	624.00	1,497.00	2,790.00	9,028.00	7,590.00	1,100.00	3,065.00
Debt/Asset Ratios									
Total	0.16	0.13	0.22	0.28	0.13	0.14	0.12	0.27	0.16
Intermediate	0.01	0.06	0.16	0.12	0.03	0.03	0.05	0.06	0.11
Long Run	0.24	0.22	0.22	0.26	0.21	0.21	0.26	0.24	0.26
Number of Livestock									
Dairy Cows	1,710.00	2,125.00	250.00	850.00	1,000.00	3,000.00	3,000.00	550.00	1,300.00
Cwt Milk/Cow	230.00	214.00	237.00	252.00	251.00	251.00	209.00	189.00	205.00
2006 Gross Receipts (\$1,000)*									
Total	5,135.00	6,300.00	814.00	2,722.50	3,263.00	9,473.30	8,528.40	1,490.70	3,935.40
Milk	4,681.30	5,717.90	718.70	2,538.90	2,878.50	8,635.50	7,633.90	1,347.90	3,590.00
	0.91	0.91	0.88	0.93	0.88	0.91	0.90	0.90	0.91
Dairy Cattle	414.40	567.40	78.30	151.90	297.80	788.00	879.80	128.10	330.70
	0.08	0.09	0.10	0.06	0.09	0.08	0.10	0.09	0.08
Other Receipts	24.60	0.00	2.30	17.00	72.00	35.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
2006 Planted Acres**									
Total	1,100.00	0.00	200.00	605.00	0.00	2,000.00	180.00	500.00	400.00
Hay	300.00	0.00	0.00	0.00	0.00	0.00	0.00	500.00	0.00
	0.27	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
Silage	800.00	0.00	200.00	605.00	0.00	2,000.00	180.00	0.00	400.00
	0.73	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00

\*Receipts for 2006 are included to indicate the relative importance of each enterprise to the farm. Percents indicate the percentage of the total receipts accounted for by the livestock categories and the crops.

\*\*Acreages for 2006 are included to indicate the relative importance of each enterprise to the farm. Total planted acreage may exceed total cropland available due to double cropping. Percents indicate the percentage of total planted acreage accounted for by the crop.

## 2006 CHARACTERISTICS OF PANEL FARMS PRODUCING MILK (continued)

- TXED450** A 450-cow, moderate-sized northeast Texas (Hopkins County) dairy. This farm has 850 acres of improved pasture and 50 acres of hay. During 2006, milk sales represented 87 percent of annual receipts.
- TXED1000** A 1,000-cow, large-sized northeast Texas (Hopkins County) dairy. This farm plants 1,025 acres of hay/silage. This farm generated 93 percent of 2006 receipts from milk sales.
- WID145** A 145-cow, moderate-sized eastern Wisconsin (Winnebago County) dairy. The farm plants 237 acres of silage, 60 acres for hay, 184 acres of corn, and 99 acres of soybeans. Milk constituted 87 percent of this farm's 2006 receipts.
- WID775** A 775-cow, large-sized eastern Wisconsin (Winnebago County) dairy. The farm plants 696 acres of hay and 454 acres of silage each year. Milk sales comprised 92 percent of the farm's 2006 receipts.
- NYWD800** An 800-cow, moderate-sized western New York (Wyoming County) dairy. This farm plants 690 acres of silage and 750 acres of haylage annually. Milk sales accounted for 92 percent of the gross receipts for this farm in 2006.
- NYWD1200** A 1,200-cow, large-sized western New York (Wyoming County) dairy. This farm plants 2,160 acres for silage annually. Milk sales accounted for 92 percent of the gross receipts for this farm in 2006.
- NYCD110** A 110-cow, moderate-sized central New York (Cayuga County) dairy. The farm plants 80 acres for hay, 64 acres for corn, and 131 acres for silage annually. Milk accounted for 87 percent of the gross receipts for 2006 on this dairy.
- NYCD500** A 500-cow, large-sized central New York (Cayuga County) dairy. This farm plants 714 acres of hay and haylage and 386 acres of silage. Milk sales make up 92 percent of the 2006 total receipts for this dairy.

Appendix Table A9. Characteristics of Panel Farms Producing Milk.

	TXED450	TXED1000	WID145	WID775	NYWD800	NYWD1200	NYCD110	NYCD500
County	Hopkins	Lamar	Winnebago	Winnebago	Wyoming	Wyoming	Cayuga	Cayuga
Total Cropland	850.00	750.00	600.00	1,200.00	1,440.00	2,160.00	296.00	1,100.00
Acres Owned	425.00	500.00	330.00	480.00	1,040.00	1,440.00	250.00	841.00
Acres Leased	425.00	250.00	270.00	720.00	400.00	720.00	46.00	259.00
Pastureland								
Acres Owned	0.00	0.00	40.00	0.00	100.00	50.00	20.00	400.00
Assets (\$1000)								
Total	2,798.00	5,833.00	2,859.00	5,660.00	6,026.00	9,015.00	1,007.00	3,901.00
Real Estate	1,553.00	3,116.00	2,027.00	2,884.00	3,465.00	5,275.00	461.00	2,395.00
Machinery	227.00	889.00	293.00	373.00	1,154.00	1,575.00	138.00	535.00
Other & Livestock	1,018.00	1,828.00	539.00	2,403.00	1,407.00	2,165.00	408.00	971.00
Debt/Asset Ratios								
Total	0.18	0.20	0.20	0.15	0.26	0.22	0.17	0.18
Intermediate	0.07	0.12	0.09	0.06	0.15	0.11	0.12	0.08
Long Run	0.24	0.26	0.23	0.25	0.24	0.24	0.25	0.23
Number of Livestock								
Dairy Cows	450.00	1,000.00	145.00	775.00	800.00	1,200.00	110.00	500.00
Cwt Milk/Cow	183.00	209.00	254.00	254.00	247.00	242.00	255.00	250.00
Beef Cows	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2006 Gross Receipts (\$1,000)*								
Total	1,207.10	2,867.20	550.40	2,878.00	2,806.70	4,190.10	453.00	1,869.70
Milk	1,048.60	2,667.40	480.00	2,658.80	2,585.40	3,836.50	391.60	1,716.60
	0.87	0.93	0.87	0.92	0.92	0.92	0.87	0.92
Dairy Cattle	100.90	185.10	46.20	181.10	173.40	293.10	40.80	119.90
	0.08	0.07	0.08	0.06	0.06	0.07	0.09	0.06
Hay	0.00	0.00	0.00	6.80	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Silage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Corn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2006 Planted Acres**								
Total	900.00	1,025.00	600.00	1,200.00	1,440.00	2,160.00	275.00	1,100.00
Hay	50.00	550.00	60.00	696.00	750.00	0.00	80.00	714.00
	0.06	0.54	0.10	0.58	0.52	0.00	0.29	0.65
Silage	0.00	475.00	237.00	454.00	690.00	2,160.00	131.00	386.00
	0.00	0.46	0.40	0.38	0.48	1.00	0.48	0.35
Improved Pasture	850.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Corn	0.00	0.00	184.00	0.00	0.00	0.00	64.00	0.00
	0.00	0.00	0.31	0.00	0.00	0.00	0.23	0.00

\*Receipts for 2006 are included to indicate the relative importance of each enterprise to the farm. Percents indicate the percentage of the total receipts accounted for by the livestock categories and the crops.

\*\*Acreages for 2006 are included to indicate the relative importance of each enterprise to the farm. Total planted acreage may exceed total cropland available due to double cropping. Percents indicate the percentage of total planted acreage accounted for by the crop.

## 2006 CHARACTERISTICS OF PANEL FARMS PRODUCING MILK (continued)

- VTD140** A 140-cow, moderate-sized Vermont (Washington County) dairy. VTD140 plants 30 acres of hay, and 190 acres of silage annually. Milk accounted for 85 percent of the 2006 receipts for this farm.
- VTD400** A 400-cow, large-sized Vermont (Washington County) dairy. This farm plants 100 acres of hay and 900 acres of silage annually. Milk sales represent 88 percent of VTD400's gross receipts in 2006.
- MOD85** An 85-cow, moderate-sized southwest Missouri (Christian County) dairy. The farm plants 190 acres of hay and 32 acres of silage. Milk accounted for 82 percent of gross farm receipts for 2006.
- MOD400** A 400-cow, large-sized southwest Missouri (Dade County) dairy. The farm plants 315 acres of hay, 135 acres of silage, and 150 acres of improved pasture annually. Milk accounted for 92 percent of gross farm receipts for 2006.
- FLND550** A 550-cow, moderate-sized north Florida (Lafayette County) dairy. The dairy grows 130 acres of hay each year. All other feed requirements are purchased in a pre-mixed ration. Milk sales accounted for 92 percent of the farm receipts.
- FLSD1500** A 1,500-cow, large-sized south central Florida (Okeechobee County) dairy. FLSD1500 plants 100 acres of hay and 400 acres of silage annually. Milk sales represent 92 percent of 2006 total receipts.

Appendix Table A10. Characteristics of Panel Farms Producing Milk.

	VTD140	VTD400	MOD85	MOD400	FLND550	FLSD1500
County	Washington	Washington	Christian	Dade	Lafayette	Okeechobee
Total Cropland	220.00	1,000.00	222.00	450.00	600.00	400.00
Acres Owned	100.00	525.00	222.00	450.00	450.00	400.00
Acres Leased	120.00	475.00	0.00	0.00	150.00	0.00
Pastureland						
Acres Owned	120.00	50.00	55.00	150.00	60.00	470.00
Acres Leased	0.00	50.00	55.00	0.00	0.00	0.00
Assets (\$1000)						
Total	1,667.00	4,234.00	1,430.00	3,720.00	4,262.00	11,012.00
Real Estate	685.00	2,577.00	1,009.00	2,211.00	2,720.00	6,350.00
Machinery	264.00	503.00	178.00	413.00	151.00	541.00
Other & Livestock	718.00	1,154.00	243.00	1,097.00	1,391.00	4,121.00
Debt/Asset Ratios						
Total	0.17	0.22	0.23	0.17	0.16	0.18
Intermediate	0.16	0.09	0.14	0.11	0.03	0.05
Long Run	0.17	0.25	0.22	0.21	0.22	0.20
Number of Livestock						
Dairy Cows	140.00	400.00	85.00	400.00	550.00	1,500.00
Cwt Milk/Cow	237.00	230.00	185.00	218.00	183.00	180.00
2006 Gross Receipts (\$1,000)*						
Total	556.80	1,445.20	247.30	1,260.90	1,812.60	4,983.80
Milk	474.50	1,274.50	201.60	1,154.00	1,660.50	4,595.10
	0.85	0.88	0.82	0.92	0.92	0.92
Dairy Cattle	54.90	130.10	36.00	92.20	137.40	374.00
	0.10	0.09	0.15	0.07	0.08	0.08
Other Receipts	12.70	25.90	0.00	0.00	0.00	0.00
	0.01	0.00	0.00	0.00	0.00	0.00
2006 Planted Acres**						
Total	220.00	1,000.00	222.00	600.00	130.00	500.00
Hay	30.00	100.00	190.00	315.00	130.00	100.00
	0.14	0.10	0.86	0.53	1.00	0.20
Silage	190.00	900.00	32.00	135.00	0.00	400.00
	0.86	0.90	0.14	0.23	0.00	0.80
Improved Pasture	0.00	0.00	0.00	150.00	0.00	0.00
	0.00	0.00	0.00	0.25	0.00	0.00

\*Receipts for 2006 are included to indicate the relative importance of each enterprise to the farm. Percents indicate the percentage of the total receipts accounted for by the livestock categories and the crops.

\*\*Acreages for 2006 are included to indicate the relative importance of each enterprise to the farm. Total planted acreage may exceed total cropland available due to double cropping. Percents indicate the percentage of total planted acreage accounted for by the crop.



## 2006 CHARACTERISTICS OF PANEL RANCHES PRODUCING BEEF CATTLE

- CAB500** Located in the northern Sacramento Valley (Tehama County, California), this 500-cow operation covers 10,000 acres of deeded and privately owned leased range. Additionally, 2,000 AUMs are leased from the federal government. All 2006 receipts were generated by the cow-calf operation.
- NVB700** NVB700 is a 700-cow ranch located in northeastern Nevada (Elko County). The operation consists of 1,300 acres of owned hay meadow and 8,725 acres of owned range, supplemented by 4,450 AUMs leased from the U.S. Forest Service. Each year, the ranch harvests 975 acres of hay. Annually, cattle sales represent all of the ranch's receipts.
- MTB500** A 500-cow ranch located on the eastern plains of Montana (Custer County), MTB500 runs cows on a combination of owned land and land leased from federal, state, and private sources. Federal land satisfies one quarter of total grazing needs. The ranch owns 14,000 acres of pasture. 640 acres of hay are produced annually on the owned land. Also, all deeded acres are leased for hunting. Cattle sales represented 98 percent of this ranch's 2006 receipts.
- WYB335** This 335-cow ranch is located in north central Wyoming (Washakie County). The ranch leases 2000 AUMs from the U.S. Forest Service and owns 1,000 acres of range. In response to drought, the ranch has begun leasing 700 acres of private pasture. Annually, the ranch harvests 305 acres of alfalfa and grass hay on owned ground. The ranch backgrounds two-thirds of its calves for ninety days. In 2006, cattle sales accounted for 81 percent of gross receipts, while hay sales accounted for 17 percent.
- COB250** This 250-cow ranch is located in northwestern Colorado (Routt County). Federal land provides seven percent of the ranch's grazing needs. The ranch owns 2,300 acres of rangeland, and the cattle graze federal land during the summer. COB250 harvests 450 acres of hay each year at a projected yield of 2.5 tons per acre. The ranch sold 350 tons of meadow hay in 2006. Cattle sales accounted for 68 percent of the ranch's 2006 total receipts.
- NMB240** NMB240 is a 240-cow ranch located in northeastern New Mexico (Union County). In 2002, this ranch liquidated 20 percent of its mature cowherd in response to oppressive drought, culling 60 of its 300. With improving range conditions, ranchers have opted to fill the gap with summer stockers. Accordingly, 200 summer stocker steers were added to this ranch. During 2006, 97 percent of gross receipts were derived from cattle sales with the balance of receipts generated from fee hunting.

Appendix Table A11. Characteristics of Panel Farms Producing Beef Cattle.

	CAB500	NVB700	MTB500	WYB335	COB250	NMB240
County	Tehama	Elko	Custer	Washakie	Routt	Union
Total Cropland	0.00	1,300.00	0.00	330.00	450.00	0.00
Acres Owned	0.00	1,300.00	0.00	330.00	450.00	0.00
Acres Leased	0.00	0.00	0.00	0.00	0.00	0.00
Pastureland						
Acres Owned	5,000.00	8,725.00	14,000.00	1,000.00	2,300.00	10,072.00
Acres Leased	0.00	0.00	0.00	0.00	0.00	2,261.00
Federal AUMs Leased	2,000.00	4,450.00	1,350.00	2,000.00	200.00	0.00
State/Private AUMs	5,000.00	640.00	5,180.00	700.00	520.00	0.00
Assets (\$1000)						
Total	5,664.00	4,149.00	3,992.00	3,095.00	14,180.00	5,104.00
Real Estate	5,050.00	3,053.00	3,150.00	2,344.00	13,547.00	4,717.00
Machinery	105.00	236.00	150.00	230.00	230.00	88.00
Other & Livestock	509.00	859.00	691.00	521.00	403.00	299.00
Debt/Asset Ratios						
Total	0.02	0.02	0.02	0.03	0.02	0.01
Intermediate	0.03	0.05	0.05	0.06	0.03	0.03
Long Run	0.01	0.01	0.01	0.01	0.02	0.01
Number of Livestock						
Beef Cows	500.00	700.00	500.00	335.00	250.00	240.00
2006 Gross Receipts (\$1,000)*						
Total	277.60	354.40	299.30	258.30	225.50	292.30
Cattle	277.60	354.40	292.30	209.90	152.50	283.10
	1.00	1.00	0.98	0.81	0.68	0.97
Hay	0.00	0.00	0.00	43.40	64.00	0.00
	0.00	0.00	0.00	0.17	0.28	0.00
Other Receipts	0.00	0.00	7.00	5.00	9.00	9.20
	0.00	0.00	0.02	0.02	0.04	0.03
2006 Planted Acres**						
Total	0.00	975.00	640.00	305.00	450.00	0.00
Hay	0.00	975.00	640.00	305.00	450.00	0.00
	0.00	1.00	1.00	1.00	1.00	0.00

\*Receipts for 2006 are included to indicate the relative importance of each enterprise to the farm. Percents indicate the percentage of the total receipts accounted for by the livestock categories and the crops.

\*\*Acreages for 2006 are included to indicate the relative importance of each enterprise to the farm. Total planted acreage may exceed total cropland available due to double cropping. Percents indicate the percentage of total planted acreage accounted for by the crop.

## **2006 CHARACTERISTICS OF PANEL RANCHES PRODUCING BEEF CATTLE (continued)**

- SDB450** SDB450 is a 450-cow West River (Meade County, South Dakota) beef cattle ranch. This operation produces hay and oats on 1,150 acres of owned cropland, and runs its cows on 6,700 acres of owned native range. Grazing needs are supplemented with 2,100 AUMs leased from federal and state sources. In 2006, calf and culled cow/bull sales accounted for 90 percent of gross receipts.
- MOB240** A 240-cow beef cattle operation is the focal point of this diversified livestock and crop farm located in southwest Missouri (Dade County). MOB240 plants 100 acres of corn, 24 acres of sorghum, 58 acres of wheat, 116 acres of soybeans, and 560 acres of hay. During 2006, cattle sales comprised 64 percent of gross receipts.
- MOCB400** MOCB400 is a 400-cow beef cattle farm located in central Missouri (Dent County). This farm consists of 1,060 acres of owned ground and 500 acres of leased ground. Annually, 410 acres of hay are harvested on owned land. 2006 cattle sales represented 97 percent of MOCB400's cash receipts.
- TXRB500** The western Rolling Plains of Texas (King County) is home to this 500-head cow-calf operation. This ranch operates on 20,000 acres (half owned, half leased) of native range. After weaning, calves are placed on wheat pasture and then either sold as feeder cattle or retained as replacement females. Seventy-nine percent of 2006 receipts came from cattle sales, while 21 percent came from fee hunting.
- TXSB175** A 175-head cow-calf operation is the central focus of this full-time agricultural operation in south central Texas (Gonzales County). Faced with continued drought, the ranch liquidated 30% of its mature cowherd in 2006, and expects a decreased calf crop in 2007. The arid conditions also prompted the ranch to wean calves light in early 2006. Contract broiler production is an important source of agricultural revenue for this ranch; even so, cattle sales accounted for 83 percent of 2006 gross receipts.
- FLB1155** This is a 1,155-cow ranch located in central Florida (Osceola County). FLB1155 runs cows on 5,400 acres of owned improved pasture, from which 3,560 acres of hay are harvested annually. Sales of sod are a burgeoning source of agricultural income for area ranches. During 2006, cattle sales represented 86 percent of total receipts.
- OTHERS** Six other representative farms have beef cattle operations along with their crop production (MONG1850, TXHG2000, TXWG1400, KSNW2800, KSNW5000, and TXRP2500). These farming operations have from 17 to 200 cows. Cattle contributed from three to 18 percent of gross receipts for these farms in 2006.

Appendix Table A12. Characteristics of Panel Farms Producing Beef Cattle.

	SDB450	MOB240	MOCB400	TXRB500	TXSB175	FLB1155
County	Meade	Dade	Dent	King	Gonzales	Osceola
Total Cropland	1,150.00	240.00	40.00	0.00	0.00	5,400.00
Acres Owned	1,150.00	175.00	40.00	0.00	0.00	5,400.00
Acres Leased	0.00	65.00	0.00	0.00	0.00	0.00
Pastureland						
Acres Owned	6,700.00	570.00	1,020.00	10,000.00	900.00	0.00
Acres Leased	0.00	280.00	500.00	10,000.00	775.00	0.00
Federal AUMs Leased	1,800.00	0.00	0.00	0.00	0.00	0.00
State/Private AUMs	300.00	0.00	0.00	0.00	0.00	0.00
Assets (\$1000)						
Total	3,793.00	2,445.00	3,500.00	6,046.00	2,599.00	33,866.00
Real Estate	2,936.00	1,525.00	1,559.00	5,033.00	2,253.00	32,445.00
Machinery	207.00	240.00	112.00	67.00	107.00	158.00
Other & Livestock	650.00	680.00	1,828.00	946.00	239.00	1,262.00
Debt/Asset Ratios						
Total	0.02	0.02	0.01	0.01	0.02	0.01
Intermediate	0.05	0.09	0.02	0.03	0.10	0.03
Long Run	0.01	0.01	0.00	0.01	0.01	0.01
Number of Livestock						
Beef Cows	450.00	250.00	400.00	500.00	250.00	1,155.00
2006 Gross Receipts (\$1,000)*						
Total	283.90	234.20	279.50	428.80	191.00	670.40
Cattle	255.80	150.20	270.20	338.80	158.50	576.40
	0.90	0.64	0.97	0.79	0.83	0.86
Corn	0.00	34.50	0.00	0.00	0.00	0.00
	0.00	0.15	0.00	0.00	0.00	0.00
Sorghum	0.00	0.40	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00
Soybeans	0.00	18.40	0.00	0.00	0.00	0.00
	0.00	0.08	0.00	0.00	0.00	0.00
Wheat	0.00	14.10	0.00	0.00	0.00	0.00
	0.00	0.06	0.00	0.00	0.00	0.00
Hay	28.10	16.60	5.00	0.00	0.00	0.00
	0.10	0.07	0.02	0.00	0.00	0.00
Other Receipts	0.00	0.00	4.30	90.00	32.50	94.00
	0.00	0.00	0.02	0.21	0.17	0.14
2006 Planted Acres**						
Total	960.00	1,428.00	1,560.00	0.00	0.00	3,560.00
Corn	0.00	100.00	0.00	0.00	0.00	0.00
	0.00	0.07	0.00	0.00	0.00	0.00
Sorghum	0.00	24.00	0.00	0.00	0.00	0.00
	0.00	0.02	0.00	0.00	0.00	0.00
Soybeans	0.00	116.00	0.00	0.00	0.00	0.00
	0.00	0.08	0.00	0.00	0.00	0.00
Wheat	0.00	58.00	0.00	0.00	0.00	0.00
	0.00	0.04	0.00	0.00	0.00	0.00
Hay	840.00	560.00	410.00	0.00	0.00	3,560.00
	0.88	0.39	0.26	0.00	0.00	1.00
Oats	120.00	0.00	0.00	0.00	0.00	0.00
	0.13	0.00	0.00	0.00	0.00	0.00
Improved Pasture	0.00	570.00	1,150.00	0.00	0.00	0.00
	0.00	0.40	0.74	0.00	0.00	0.00

\*Receipts for 2006 are included to indicate the relative importance of each enterprise to the farm. Percents indicate the percentage of the total receipts accounted for by the livestock categories and the crops.

\*\*Acreages for 2006 are included to indicate the relative importance of each enterprise to the farm. Total planted acreage may exceed total cropland available due to double cropping. Percents indicate the percentage of total planted acreage accounted for by the crop.



**APPENDIX B:**  
LIST OF PANEL FARM  
COOPERATORS

## FEED GRAIN FARMS

### Indiana

#### *Facilitators*

Mr. Scott Gabbard - Extension Educator, Shelby County, Purdue Cooperative Extension

#### *Panel Participants*

Mr. David Brown	Mr. Kevin Carson
Mr. Jerry Drake	Mr. Gary Everhart
Mr. Richard Fix	Mr. Darrell Linville
Mr. Mark Nigh	Mr. Jeff Pfaff
Mr. Gary Robards	Mr. Doug Theobald
Mr. Keith Theobald	

### Iowa

#### *Facilitators*

Mr. Jim Patton - County Extension Director, Webster County

#### *Panel Participants*

Mr. Robert Anderson	Mr. Dean Black
Mr. Perry Black	Mr. Jason Carver
Mr. and Mrs. Jim Carver	Mr. Kevin Carver
Mr. Larry Lane	Mr. Robert Lynch
Mr. Don Sandell	Mr. William Secor
Mr. Doug Stanek	Mr. Jason Stanek
Mr. Loren Wuebker	

### Missouri - Central

#### *Facilitators*

Mr. Parman Green - Farm Management Specialist, University of Missouri-Columbia

#### *Panel Participants*

Mr. Mark Casner	Mr. Kyle Durham
Mr. Dennis Germann	Mr. Jack Harriman
Mr. Mike Hisle	Mr. Glenn Kaiser
Mr. Gerald Kitchen	Mr. Rob Korff
Mr. Ron Linneman	Mr. Terry Reimer
Mr. Mike Ritchhart	Mr. James Wheeler

### Missouri - Northwest

#### *Facilitators*

Mr. Mike Killingsworth - Farm Management Consultant

#### *Panel Participants*

Mr. Jack Baldwin	Mr. Kevin Rosenbohm
Mr. Roger Vest	

### Nebraska - Central

#### *Facilitators*

Mr. David Stenberg - Extension Educator, Dawson County

#### *Panel Participants*

Mr. Jim Aden	Mr. Rob Anderson
Mr. Jeremy Geiger	Mr. Greg Hueftle
Mr. Pat Luther	Mr. Tim Maline
Mr. Scott McPheeters	Mr. Dave Rowe
Mr. Paul Stieb	Mr. Dan Strauss

## FEED GRAIN FARMS (CONTINUED)

### North Dakota

#### *Facilitators*

Dr. Dwight Aakre - Extension Associate-Farm Management, North Dakota State University

Mr. Randy Grueneich - County Extension Agent, North Dakota State University

#### *Panel Participants*

Mr. Jim Broten

Mr. Wade Bruns

Mr. Mike Clemens

Mr. Jack Formo

Mr. Leland Gussette

Mr. Raymond Haugen

Mr. Greg Shanenko

Mr. Anthony Thilmony

Mr. Arvid Winkler

### South Carolina

#### *Facilitators*

Mr. Toby Boring - Extension Economist, Clemson University

Dr. Todd Davis - Assistant Professor/Extension Economist, Clemson University

Mr. Tripp Kemp - Loan Officer, AgSouth Farm Credit

Ms. Corey Risch - Extension Economist, Clemson University

#### *Panel Participants*

Mr. Troy Allen

Mr. Corrin F. "Bud" Bowers

Ms. Vikki Brogdon

Mr. Cag Brunson

Mr. Chris Cogdill

Mr. Johnny & Debbie Crider

Mr. Harry DuRant

Mr. Sam Durant

Mr. Jason Gamble

Mr. Steven Gamble

Mr. Jimmie Griner

Mr. Henry Herndol

Mr. Charles Horger

Mr. Bates Houck

Mr. Doug Jarrell

Mr. Tommy Lee

Mr. J. O. Patterson

Mr. Jeff Sandifer

Mr. Stephen Still

### Tennessee

#### *Facilitators*

Mr. Ken J. Goddard - Extension Agent & County Director, Henry County

Mr. Jeff Lannom - Extension Agent & County Director, Weakley County

Mr. Tim Smith - County Extension Agent, Obion County

Dr. Kelly Tiller - Agricultural Policy Analysis Center, University of Tennessee

Mr. Bob Williams - Extension Area Specialist, Weakley County

#### *Panel Participants*

Mr. Jason Crabtree

Mr. James S. Davis

Mr. John Erwin

Mr. Mike Freeman

Mr. David Grant

Mr. Wayne Grant

Mr. Bob Grooms

Mr. Donald Parker

Mr. Doug Schoolfield

Mr. Jamie Tuck

Mr. Gilbert Workman, Jr.

### Texas - Northern Blackland Prairie

#### *Facilitators*

Mr. Marty Jungman - County Extension Agent, Hill County

#### *Panel Participants*

Mr. Kenneth Machac

Mr. Lanny Neil

Mr. Barney Pustejovsky

Mr. John Sawyer

Mr. Aaron Walters



## FEED GRAIN FARMS (CONTINUED)

### Texas - Panhandle

#### *Facilitators*

Mr. Steve Young - County Extension Agent, Castro County

#### *Panel Participants*

Mr. Donny Carpenter

Mr. Coby Gilbreath

Ms. Rosie Kleman

Mr. Lance Loudder

Mr. Greg Sides

Mr. Andy Williams

### Texas - Southern Blackland Prairie

#### *Facilitators*

Mr. Ronnie Leps - County Extension Agent, Williamson County

#### *Panel Participants*

Mr. Bob Bartosh

Mr. Herbert Raesz

Mr. Doug Schernik

Mr. Ken Seggern

Mr. Donald Stolte

### Texas - Southwest

#### *Facilitators*

Mr. Kenneth White - County Extension Agent, Uvalde County

#### *Panel Participants*

Mr. Jimmy Carnes

Mr. Austin Clary

Mr. Mark Landry

Mr. Danny Parker

Mr. James Parker

## WHEAT FARMS

### Colorado

#### *Facilitators*

Mr. John Deering - Ag Business Agent, Colorado State University  
Mr. Dennis Kaan - Director, Golden Plains Area Extension, Colorado State University

#### *Panel Participants*

Mr. Marvin Brandon	Ms. Sara Davis
Mr. David Foy	Mr. William Harman
Mr. Terry Kuntz	Mr. Rick Lewton
Mr. Dave Lillich	Mr. Max Olsen
Mr. Ken Remington	Mr. Calvin Schaffert
Mr. Dave Wagers	Mr. Monte Willeke
Mr. John Wright	

### Kansas - Northwest

#### *Facilitators*

Dr. Dan O'Brien - Area Extension Director, Kansas State University  
Mr. Mark Wood - Extension Agricultural Economist, Kansas Farm Mgmt. Association

#### *Panel Participants*

Mr. Vernon Akers	Mr. Steve Busse
Mr. Richard Calliham	Mr. Sam Crouse
Mr. Dennis Franklin	Mr. Lyman Goetsch
Mr. Lee Jueneman	Mr. Brian Laufer
Mr. Lance Leebrick	Mr. Harold Mizell
Mr. Steve Schertz	

### Kansas - South Central

#### *Facilitators*

Mr. Gary Cramer - County Extension Agent, Sedgwick County  
Mr. Johnny Roberts - County Extension Agent, Sumner County

#### *Panel Participants*

Mr. Donald Applegate	Mr. Dennis Gruenbacher
Mr. Kent Ott	Mr. Rae Reusser
Mr. Nick Steffen	Mr. Jim Stuhlsatz
Mr. Tim Turek	Mr. Robert White

### Montana - North Central

#### *Facilitators*

Mr. Lochiel Edwards

#### *Panel Participants*

Mr. Darin Arganbright	Mr. Steve Bahnmiller
Mr. Duane Beirwagen	Mr. Will Roehm
Mr. Dan Works	

### Oregon - North Central

#### *Facilitators*

Jon Farquharson - BMCC Farm Management

#### *Panel Participants*

Mr. Dana Heideman	Mr. Bill Jepsen
Mr. Joe McElligott	Mr. Craig Miles
Mrs. Shannon Rust	Mr. Tim Rust

## WHEAT FARMS (CONTINUED)

### Washington

#### *Facilitators*

Ms. Gretchen Borck - Director of Issues, Washington Association of Wheat Growers

#### *Panel Participants*

Mr. Dan Hille

Mr. Alan Koch

Mr. Tim Smith

Mr. Steve Taylor

### Washington - Palouse

#### *Facilitators*

Dr. Janet Schmidt - Extension Faculty, Washington State University

Mr. Steve Van Vleet - Extension Agronomist, Washington State University

#### *Panel Participants*

Mr. Ben Barstow

Mr. Asa Clark

Mr. Tom Cocking

Mr. David Harlow

Mr. Brian Largent

Mr. Gary Largent

Mr. Clark Miller

Mr. Bruce Nelson

Mr. Randy Suess

Mr. David Swanneck

Mr. Del Teade

Mr. Steve Teade

Mr. Jon Whitman

## COTTON FARMS

### Alabama

#### *Panel Participants*

Mr. James Blythe	Mr. Paul Clark
Dr. Steve Ford	Mr. William Lee
Ms. Larkin Martin	Mr. Ron Terry

### Arkansas

#### *Facilitators*

Mr. Chuck Capps  
Mr. Steve Kelley - County Agent, U. of Arkansas Cooperative Extension  
Dr. Brad Watkins - Research Assistant Professor, U. of Arkansas Cooperative Extension

#### *Panel Participants*

Mr. Jeff Keeter	Mr. Joe Mencer
Mr. Matt Miles	Mr. Jim Whitaker
Mr. Sam Whitaker	

### Arkansas - Adams Land Co. Gin

#### *Facilitators*

Dr. Rob Hogan - Extension Economist, University of Arkansas  
Mr. Ronnie Kennett

#### *Panel Participants*

Mr. Chad Costner	Mr. Heath Donner
Mr. Todd Edwards	Mr. Cole Hawkins
Mr. Randy Jackson	Mr. David Wildy

### California - Hanford

#### *Facilitators*

Mr. Steve Wright - Cooperative Extension County Offices, Tulare County

#### *Panel Participants*

Mr. Bo Champlin	Mr. Bob Prys
Mr. Bill Stone	Mr. Bill Tos

### Georgia - Southwest

#### *Facilitators*

Mr. Joel Hudgins - County Extension Coordinator, Decatur County  
Mr. Brad Mitchell - County Extension Coordinator, Mitchell County  
Dr. Don Shurley - Professor/Economist - Cotton, University of Georgia  
Dr. Nathan Smith - Assistant Professor, Extension Economist, University of Georgia  
Ms. Amanda Ziehl

#### *Panel Participants*

Mr. Andy Bell	Mr. John Bridges, Jr.
Mr. David Holton	Mr. Donald Shirah

### Louisiana

#### *Facilitators*

Mr. John Barnett - Director, LSU Ag Center, Central Region  
Dr. Gene Johnson - Professor, Agricultural Marketing, Louisiana State University

#### *Panel Participants*

Mr. Jess Barr	Mr. Buddy Davis
Mr. J. Macon LaFoe, Sr.	Mr. Randy Miller
Mr. Buddy Page	Mr. Jerry Stutts

## COTTON FARMS (CONTINUED)

### North Carolina

#### *Facilitators*

Mr. Kevin Johnson - County Extension Agent, Wayne County

#### *Panel Participants*

Mr. Daryl Anderson  
Mr. Willie Howell  
Mr. Danny C. Pierce  
Mr. Bryant Worley

Mr. Landis Brantham, Jr.  
Mr. David B. Mitchell, Sr.  
Mr. Craig West

### Tennessee

#### *Facilitators*

Mr. Jim Castellaw - Extension Area Specialist, Farm Management  
Dr. Chism Craig - University of Tennessee  
Mr. Chuck Danehower - Extension Area Specialist, Farm Management  
Ms. Tracey Sullivan  
Dr. Kelly Tiller - Agricultural Policy Analysis Center, University of Tennessee  
Mr. Jeff Via - County Extension Director, Fayette County

#### *Panel Participants*

Mr. Harris Armour, III  
Mr. Dewayne Hendrix  
Mr. Allen King  
Mr. Travis Lonon  
Mr. Ronald Woods

Mr. R. Morris English, Jr.  
Mr. Tom Karcher  
Mr. John King  
Mr. William E. Powers

### Texas - Coastal Bend

#### *Facilitators*

Dr. Larry Falconer - Extension Economist - Management, Texas A&M University  
Mr. Mark Miller - Chief Operations Officer, Texas AgFinance  
Mr. Jeff Nunley - Executive Director, South Texas Cotton & Grain Association  
Mr. John Parker - Vice President, Texas AgFinance  
Mr. Jeffrey Stapper - County Extension Agent, San Patricio County and Aransas County

#### *Panel Participants*

Mr. Marvin Beyer, Jr.  
Mr. Clarence Chopelas  
Mr. Joel Hoskinson  
Mr. Larry McNair  
Mr. Mark Morris

Mr. Brad Bickham  
Mr. Jimmy Dodson  
Mr. Wayne Lambert  
Mr. Andrew Miller  
Mr. Darby Salge

### Texas - Eastern Caprock

#### *Facilitators*

Mr. Clay Miller - Vice President, Ag Texas Farm Credit Services

#### *Panel Participants*

Mr. Lloyd Arthur  
Mr. Edwin Moore

Mr. Brooks Ellison  
Mr. Marvin Schoepf

## COTTON FARMS (CONTINUED)

### Texas - Mid Coast

#### *Facilitators*

Dr. Larry Falconer - Extension Economist - Management, Texas A&M University  
Mr. Jeff Nunley - Executive Director, South Texas Cotton & Grain Association  
Mr. Jimmy Roppolo - General Manager, Farmers Co-op of El Campo

#### *Panel Participants*

Mr. Jimmy Barosh	Mr. Keith Bram
Mr. Glenn Emshosf	Mr. Daniel Gavranovic
Mr. Rob Kainer	Mr. Cedric Popp
Mr. Michael Popp	

### Texas - Northern High Plains

#### *Facilitators*

Dr. Steve Amosson - Extension Economist - Management, Texas A&M University  
Mr. Tim Trimble - County Extension Agent, Moore County

#### *Panel Participants*

Mr. Kerry Cartrite	Mr. Brent Clark
Mr. Kelly Hays	Mr. Rick May
Mr. Tom Moore	Mr. Clyde Tims
Mr. David Tims	

### Texas - Panhandle

#### *Facilitators*

Mr. Rick Auckerman - County Extension Agent, Texas Cooperative Extension  
Mr. Dave Peterson - Regional Vice President, First Ag Credit

#### *Panel Participants*

Mr. Michael Carlson	Mr. Roy Carlson
Mr. Greg Chavez	Mr. Steve Hoffman
Mr. Bob Meyer	Mr. Harold Sides

### Texas - Rio Grande Valley

#### *Facilitators*

Mr. Reagan Florence - Exec. VP - Chief Lending Officer, Ag Credit of South Texas  
Mr. Luis Ribera - District Economist, Texas Cooperative Extension  
Mr. Terry Wolfe - Loan Officer, Ag Credit of South Texas

#### *Panel Participants*

Mr. Derrick Swanberg	Mr. Marshall Swanberg
Ms. Mitzi Swanberg-Anzaldua	Mr. Mark Willis

### Texas - Rolling Plains

#### *Facilitators*

Mr. Todd Vineyard - County Extension Agent, Jones County

#### *Panel Participants*

Mr. Rex Ford	Mr. Dennis Olsen
Mr. Ronnie Richmond	Mr. Ronnie Riddle
Mr. Mike Sloan	Mr. Dale Spurgin
Mr. Ferdie Walker	

## COTTON FARMS (CONTINUED)

### Texas - Southern High Plains

#### *Facilitators*

Mr. Casey Barrett - County Extension Agent, Dawson County

Dr. Jackie Smith - Extension Economist - Management, Texas A&M University

#### *Panel Participants*

Mr. Steven Archer

Mr. Jerry Chapman

Mr. Mark Furlow

Mr. Donald Vogler

Mr. Brad Boyd

Mr. Terry Coleman

Mr. Johnny Ray Todd

## RICE FARMS

### Arkansas - East Central-Arkansas County

#### *Facilitators*

Mr. Bill Free - Riceland Foods, Inc.

Dr. Brad Watkins - Research Assistant Professor, U. of Arkansas Cooperative Extension

#### *Panel Participants*

Mr. Derek Bohanan

Mr. Monty Bohanan

Mr. Jerry Burkett

Mr. Dusty Hoskyn

Mr. David Jessup

### Arkansas - East Central-Cross County

#### *Facilitators*

Dr. Brad Watkins - Research Assistant Professor, U. of Arkansas Cooperative Extension

#### *Panel Participants*

Mr. Bryan Holmes, Jr.

Mr. Bryan Moery

Mr. Roger Pohlner

Mr. Steve Wilson

### Arkansas - Northeast-Lawrence County

#### *Facilitators*

Mr. Herb Ginn

Dr. Brad Watkins - Research Assistant Professor, U. of Arkansas Cooperative Extension

#### *Panel Participants*

Mr. Greg Baltz

Mr. Kyle Baltz

Mr. Michael Cureton

Mr. Terry Gray

Mr. Marvin Hare, Jr.

Mr. Dwain Morris

### California - Butte County

#### *Facilitators*

Dr. Chris Greer - Farm Advisor, University of California

Dr. Cass Mutters - Farm Advisor, University of California

#### *Panel Participants*

Mr. Ken Anderson

Mr. Lee Carrico

Mr. Tom Coleman

Mr. Eric Larrabee

Mr. Steve Rystrom

Mr. Lance Tennis

Mr. Eric Waterbury

### California - Colusa County

#### *Facilitators*

Dr. Chris Greer - Farm Advisor, University of California

Dr. Cass Mutters - Farm Advisor, University of California

#### *Panel Participants*

Mr. Don Bransford

Mr. Mike Lux

Mr. Charles Marsh

Mr. Joe Struckmeyer

Mr. Robert Sutton



## RICE FARMS (CONTINUED)

### California - Sutter County

#### *Facilitators*

Dr. Cass Muters - Farm Advisor, University of California

#### *Panel Participants*

Mr. Bill Baggett	Mr. Steve Butler
Mr. Jack DeWitt	Mr. Scott Leathers
Mr. Ned Lemenager	Mr. Paul Lowery
Mr. Walt Trevethan	Mr. Scott Tucker
Mr. Bob Van Dyke	Mr. Wayne Vineyard

### Louisiana - Northeast

#### *Facilitators*

Dr. Gene Johnson - Professor, Agricultural Marketing, Louisiana State University

#### *Panel Participants*

Mr. Damian Bollich	Mr. Mark Brown
Mr. Marvin Colvin	Mr. Fred Franklin
Mr. Steve Henderson	Ms. Lindy Lingo
Mr. John Owen	Mr. Ed Patrick
Mr. Buford Perry	Mr. Morgan Smith

### Louisiana - Southwest-Acadiana

#### *Facilitators*

Mr. Howard J. Cormier - County Extension Agent, Vermilion Parish  
Mr. Eddie Eskew - County Extension Agent, Jeff Davis Parish  
Dr. Gene Johnson - Professor, Agricultural Marketing, Louisiana State University  
Mr. Ronnie Levy

#### *Panel Participants*

Mr. Tommy Faulk	Mr. Alden Horten
Mr. David Lacour	Mr. Jackie Loewer
Mr. Brian Wild	

### Missouri - Bootheel West

#### *Facilitators*

Mr. Bruce Beck - Area Agronomy Specialist, University of Missouri

#### *Panel Participants*

Mr. Rodney Eaker	Mr. Rusty Eaker
Mr. John French	Mr. Eric Patterson
Mr. Frank Smody	Mr. Mike Smody
Mr. Brian Yarbrow	

### Texas - Bay City-Matagorda County

#### *Facilitators*

Mr. Brent Batchelor - County Extension Agent, Matagorda County

#### *Panel Participants*

Mr. Lee Bossley	Mr. Donnie Bulanek
Mr. Mike Burnside	Mr. Billy Mann
Mr. Curt Mowery	Mr. Joey Sliva
Mr. Paul Sliva	

## RICE FARMS (CONTINUED)

### Texas - Eagle Lake-Colorado County

#### *Panel Participants*

Mr. Andy Anderson  
Mr. Kenneth Danklefs  
Mr. Jason Hlavinka  
Mr. John Waligura

Mr. Steve Balas  
Mr. W.A. "Billy" Hefner, III  
Mr. Patrick Pavlu  
Mr. Jim Wiese

### Texas - El Campo-Wharton County

#### *Panel Participants*

Mr. L.G. Raun  
Mr. Glen Rod

Mr. Layton Raun  
Mr. Robert Shoemate

## DAIRY FARMS

### California

#### *Facilitators*

Mrs. Carol Collar - County Dairy Specialist, California Cooperative Extension  
Mr. Carl Matz

#### *Panel Participants*

Mr. Chuck Draxler  
Mr. Jeff Wilbur  
Mr. James Netto  
Mr. John Zonneveld

### Florida - North

#### *Facilitators*

Ms. Mary Sowerby - Regional Dairy Extension Specialist, UofF Extension  
Mr. Chris Vann - County Extension Agent, Lafayette County

#### *Panel Participants*

Mr. Darren Driver  
Mr. Bobby Koon  
Mr. Kevin Koon  
Mr. Terry Reagan  
Mr. Morris Jackson  
Mr. Dwayne Koon  
Mr. Brian McAdams  
Mr. Keith Shiver

### Florida - South

#### *Facilitators*

Mr. Art Darling - Executive Director, Sunbelt Milk Producers

#### *Panel Participants*

Mr. Ben Butler  
Mr. Woody Larson  
Mr. Sutton Rucks, Jr.  
Mr. Bob Rydzewski  
Mr. Bob Butler  
Mr. Keith Rucks  
Mr. Glynn Rutledge  
Mr. Tom Watkins

### Idaho

#### *Facilitators*

Dr. Mireille Chahine - Extension Dairy Specialist, Twin Falls R&E Center, Univ. of Idaho  
Dr. Joe Dalton - Extension Dairy Specialist, Caldwell Research and Extension Center  
Dr. Wilson Gray - Extension Agricultural Economist, Twin Falls R&E Center, Univ. of

#### *Panel Participants*

Mr. William Bokma  
Mr. Mike Roth  
Mr. Donald Taber  
Mr. Harry Hogland  
Mr. Edwin Southfield  
Mr. John Wright

### Missouri

#### *Facilitators*

Mr. Stacey Hamilton - Dairy Specialist and Dade County Program Director

#### *Panel Participants*

Mr. Daryl Davis  
Mr. Charles Hicks  
Mr. John McArthur  
Mr. Wayne Whitehead  
Mr. Steve Gallivan  
Mr. Freddie Martin  
Mr. Roy Parsons

### Missouri

#### *Facilitators*

Mr. Stacey Hamilton - Dairy Specialist and Dade County Program Director

#### *Panel Participants*

Mr. Charles Fletcher  
Mr. Bernie Van Dalfsen  
Mr. Gary Townshend  
Mr. Kevin Vanderpoel

## DAIRY FARMS (CONTINUED)

### New Mexico

#### *Facilitators*

Mr. Victor Cabrera - Dairy Extension Specialist, New Mexico State Extension

Ms. Sharon Lombardi - Executive Director, Dairy Producers of New Mexico

#### *Panel Participants*

Mr. John Breedyk

Mr. Arie Breedyk, Jr.

Mr. Charlie DeGroot

Mr. Gerry Greathouse

Mr. Jason Greathouse

Dr. Al Squire, DVM

Mr. Jerry Vaz

### New York - Central

#### *Facilitators*

Dr. Wayne Knoblauch - Department of Agricultural Economics, Cornell University

#### *Panel Participants*

Mr. David Boor

Mr. and Mrs. Robert Howland

Mr. Bill Kilcer

Mr. Bill and Dan Leonard

Mr. and Mrs. Mike McMahon

Mr. Kenton Patchen

Mr. John and Martin Seymour

Mr. Ron Space

Mr. Martin Young

### New York - Western

#### *Facilitators*

Mr. William Maddison - Agriculture Program Leader, Cornell Cooperative Extension

#### *Panel Participants*

Mr. Gerry Coyne

Mr. Malachy Coyne

Mr. Peter Dueppengiesser

Ms. Kitty Dziedzic

Mr. John Emerling

Mr. Walter Faryna

Mr. Bill Fitch

Mr. Tom Fitch

Mr. Kent Miller

Mr. Russell Miller

Mr. Jeff Mulligan

Mr. John Noble

### Texas - Central

#### *Facilitators*

Dr. Tamilee Nennich - Assistant Professor and Extension Dairy Specialist

Mr. Robert Scott - County Extension Agent, Erath County

#### *Panel Participants*

Mr. Frans Buekeboom

Mr. Carson Lovoing

Mr. Leonard Moncrief

Ms. Leeann Moos

Mr. Jack Parks

Ms. Nova Schouten

Mr. Alan Vander Horst

### Texas - Northeast

#### *Facilitators*

Mr. G. H. Cain - Dairy Farmers of America

Mr. Larry Spradlin - County Agent, Texas Cooperative Extension

Mr. Ron Tosh - Field Supervisor, Dairy Farmers of America

#### *Panel Participants*

Mr. Alan Bullock

Mr. Rene Coumans

Mr. Okle Jongsma

Mr. Jack Kempenaar

Mr. Luke Oosterloo

Mr. Douwe Plantinga

Mr. Don Smith

Mr. Mark Sustaire

Mr. Adrie Vanderjagt

Mr. Piet Vanryn

Mr. Mike Webb

## DAIRY FARMS (CONTINUED)

### Texas - South Plains

#### *Facilitators*

Ms. Janet Claborn - Director of Economic Development  
Mr. Curtis Preston

#### *Panel Participants*

Mr. Brian Boehning	Mr. Larry Hancock
Mr. David Lawrence	Mr. Mark Long
Mr. Reed Mulliken	Mr. Robert "Bob" Wade

### Vermont

#### *Facilitators*

Dr. Bob Parsons - Asst. Professor-Farm Management, University of Vermont

#### *Panel Participants*

Mr. Paul Bourbeau	Mr. David Conant
Mr. Ashley Farr	Mr. Ted Foster
Mr. Kim Harvey	Mr. Steven Jones
Mrs. Polly McEwing	Mr. Les Pike
Mr. & Mrs. Stanley Scribner	Mr. Onan Whitcomb

### Washington

#### *Facilitators*

Mr. Craig MacConnell - Extension Faculty, Whatcom County

#### *Panel Participants*

Mr. Dick Bengen	Mr. Ron Bronsema
Mr. Rod De Jong	Mr. Larry DeHaan
Mr. Ed Pomeroy	Mr. Jeff Rainey
Mr. John Steensma	Mr. Peter Vlas

### Wisconsin

#### *Facilitators*

Ms Christine Kniep - Family Living Educator/Department Head, Winnebago County

#### *Panel Participants*

Mr. Chris Bonlender	Mr. and Mrs. Douglas Hodorff
Mr. and Mrs. Charlie Knigge	Mr. Kevin Krentz
Mr. Joe Kuehl	Mr. Larry Pollack
Mr. Rob Stone	

## BEEF PRODUCERS

### California

#### *Facilitators*

Mr. Josh Davy - Livestock and Natural Resources Rep, UC-Davis Extension  
Mr. Larry Forero - Farm Advisor, Livestock and Natl. Res., California Cooperative  
Mr. Glenn Nader - Farm Advisor, Livestock and Natl. Res., California Cooperative

#### *Panel Participants*

Mr. Jerry Hemsted  
Mr. Dick O'Sullivan  
Mr. Britt Schumacher  
Mr. Ron Masingale  
Mr. Wally Roney  
Mr. Louis Venturini

### Colorado

#### *Facilitators*

Mr. C.J. Mucklow - County Extension Agent, Routt County

#### *Panel Participants*

Mr. Doug Carlson  
Mr. Kurt Frentress  
Mr. Wayne Shoemaker  
Mr. Jay Fetcher  
Mr. Jim Rossi

### Florida

#### *Panel Participants*

Mr. Mike Adams  
Mr. Wes Carlton  
Mr. Carrie Lightsey  
Mr. Bert Tucker  
Mr. Wes Williamson  
Dr. Judy Lisle Bozeman  
Mr. Alan Kelley  
Mr. Ralph Pelaez  
Dr. Fred Tucker

### Missouri - Central

#### *Facilitators*

Mr. Brent Carpenter - FAPRI, University of Missouri  
Dr. Ted Cunningham - Livestock Specialist and Dent County Program Director  
Mr. Peter Zimmel - FAPRI, University of Missouri

#### *Panel Participants*

Mr. George A. Barnitz  
Mr. Paul Heithold  
Mr. G. Douglas Black  
Mr. Ken Lenox

### Missouri - Southwest

#### *Facilitators*

Mr. Brian Gillen - Agricultural Science Instructor, Lockwood High School

#### *Panel Participants*

Mr. Steve Allison  
Mr. Randall Erisman  
Mr. Gary D. Wolf  
Mr. Chuck Daniel  
Mr. James A. Nivens

### Montana

#### *Facilitators*

Mr. Kent Williams - County Extension Agent, Custer County

#### *Panel Participants*

Mr. Clarence Brown  
Mr. Alyn Haughian  
Mr. Scot Robinson  
Mr. Art Drange  
Mr. Jeff Okerman

## BEEF PRODUCERS (CONTINUED)

### Nevada

#### *Facilitators*

Dr. Kynda Curtis - Department of Resource Economics, University of Nevada  
Dr. Tom Harris - Department of Resource Economics, University of Nevada  
Mr. Willie Riggs - County Extension Agent, Eureka County  
Dr. Ron Torell - Area Extension Specialist-Livestock, University of Nevada

#### *Panel Participants*

Mr. Harvey Barnes	Mr. and Mrs. Dani Dalton
Mr. and Mrs. Jay Dalton	Mr. and Mrs. Mitch & Rhonda Heguy
Mr. and Mrs. Sam Mori	Mr. and Mrs. Ed Sarman
Mr. and Mrs. Craig Spratling	

### New Mexico

#### *Facilitators*

Dr. Nathan Elam - Superintendent, CLRC, New Mexico State University  
Dr. Manny Encinias - Extension Beef Cattle Specialist, New Mexico State University  
Mr. David Graham - County Extension Director, Union County  
Dr. Allen Torell - Professor, NMSU Agricultural Economics

#### *Panel Participants*

Mr. Justin Bennett	Mr. Damon Brown
Mr. John Gilbert	Mr. Eugene Like
Mr. John Vincent	Mr. Derek Walker

### South Dakota

#### *Facilitators*

Dr. Marty Beutler - Director, West River Agricultural Center, South Dakota State  
Dr. John Cole - Research Assistant, South Dakota State University  
Ms. Stacy Hadrick - Extension Educator, South Dakota State University  
Dr. Larry Janssen - Professor, South Dakota State University

#### *Panel Participants*

Mr. Lynn C. Frey	Mr. Leo E. Grubl
Mr. Wayne Oedekoven	Mr. Scott Phillips

### Texas - Blackland Prairie

#### *Facilitators*

Mr. Donald Kelm - County Extension Agent, McLennan County  
Mr. Steven Swaner, Jr. - County Extension Agent, Falls County

#### *Panel Participants*

Mr. Keith Drews	Mr. Harlan Huffman
Mr. Tommy Long	Mr. Billy Don Van Cleave

### Texas - Rolling Plains

#### *Facilitators*

Mr. Gary Antilley - County Extension Agent, King County  
Mr. Stan Bevers - Extension Economist - Management, Texas A&M University  
Mr. Ryan Martin - County Extension Agent, Motley County  
Mr. Jason Miller - County Extension Agent, Stonewall County  
Mr. Toby Oliver - County Extension Agent, Dickens County

#### *Panel Participants*

Mr. Greg Arnold	Hon. Duane Daniel
Mr. Bill Masterson	Mr. Glenn Springer
Mr. Mark Whitman	

## **BEEF PRODUCERS (CONTINUED)**

### **Texas - South**

#### *Facilitators*

Mr. Dwight Sexton - County Extension Agent, Gonzales County

#### *Panel Participants*

Mr. Steve Breitschopf

Mr. Brian Fink

Mr. Michael Kuck

Mr. William L. Quinney

### **Wyoming**

#### *Facilitators*

Mr. Jim Gill - Senior University Extension Educator, Washakie County

#### *Panel Participants*

Mr. Hugh Baird

Mr. Tim Flitner

Mr. Vance Lungren

Mr. Dan Rice

Mr. Gary Rice



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