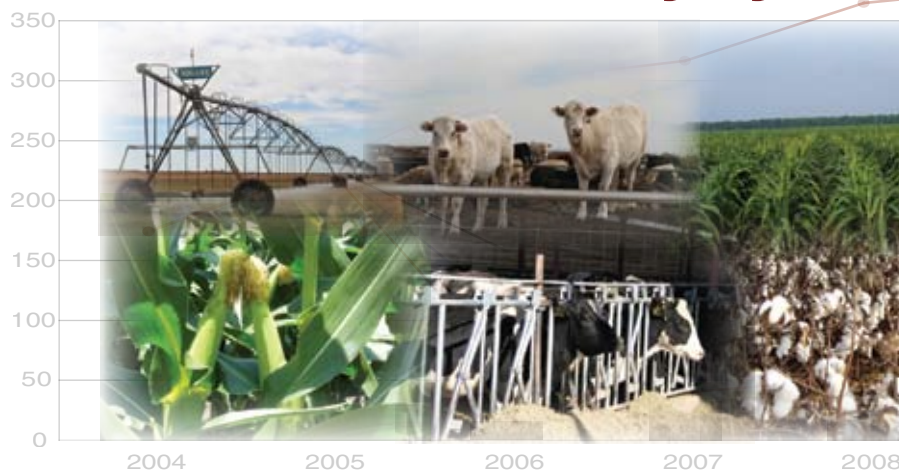

Representative Farms Economic Outlook for the August 2007 FAPRI/AFPC Baseline

AFPC Working Paper 07-2

August 2007

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



AFPC

Teaching Research Extension

A policy working paper is designed to provide economic research on a timely basis. It is an interim product of a larger AFPC research project which will eventually be published as a policy research report. These results are published at this time because they are believed to contain relevant information to the resolution of current policy issues. AFPC welcomes comments and discussions of these results and their implications. Address such comments to the author(s) at:

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

AFPC Working Paper 07-2

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EXECUTIVE SUMMARY

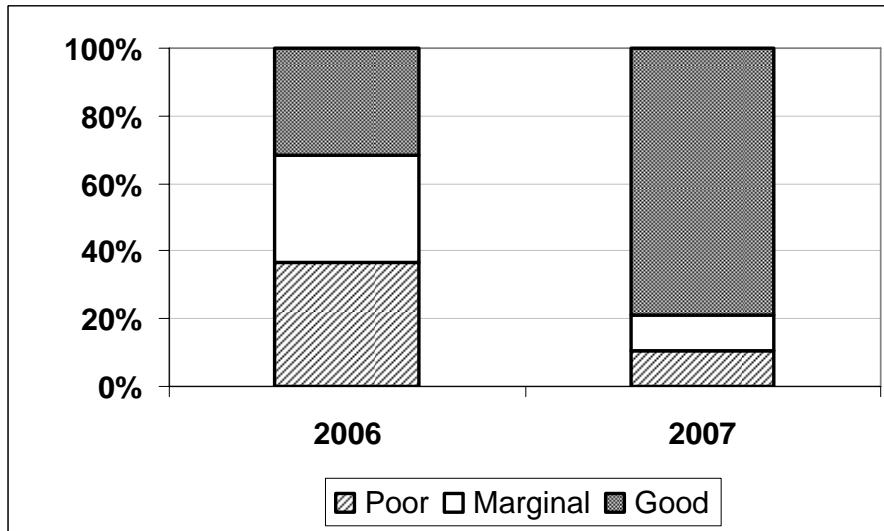
The Agricultural and Food Policy Center (AFPC) at Texas A&M University develops and maintains data to simulate 99 representative crop, dairy, and livestock operations in major production areas in 28 states. The chief purpose of this analysis is to project those farms' economic viability by region and 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 August 2007 Baseline.

Under the August 2007 Baseline, 26 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 30 crop farms have greater than a 50 percent chance of negative ending cash. Additionally, 39 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 17 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:** Fifteen of the 19 feedgrain farms are in good overall financial condition. Two are classified in marginal condition, and two are in poor condition.
- **WHEAT FARMS:** Eight of the 11 wheat farms are classified in good financial condition, three are marginal, and none are in poor condition.
- **COTTON FARMS:** Five of the 20 cotton farms are classified in good condition, six are in marginal condition, and nine are in poor condition. Also, seven of these farms have more than a 50 percent chance of losing real net worth by 2012.
- **RICE FARMS:** None of the 14 rice farms are in good condition, five are classified in marginal condition, and nine farms are projected to be in poor financial condition through 2012.
- **DAIRY FARMS:** Seventeen of the 23 dairy farms are in good overall financial condition. Four are considered to be in marginal condition, and two are in poor condition.
- **BEEF CATTLE RANCHES:** Six of the 12 cattle ranches are classified in good financial condition, six are classified in marginal condition, and none are projected to be in poor condition.

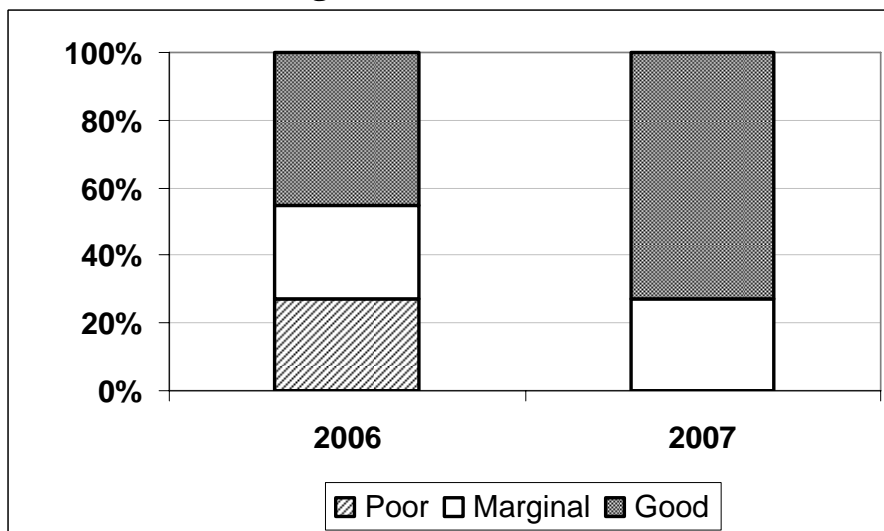
Comparison of Projected Overall Economic Viability of Representative Farms, Dairies, and Ranches Between August 2006¹ and August 2007² FAPRI/AFPC Baselines

Figure 1. Feedgrain Farms



- The improvement in price projections, partially driven by increased ethanol production, helped increase the percentage of farms classified as *good*.
- The 2007 baseline indicates a significant improvement in financial viability of representative feedgrain farms with more than 75 percent of the farms in the *good* category.

Figure 2. Wheat Farms

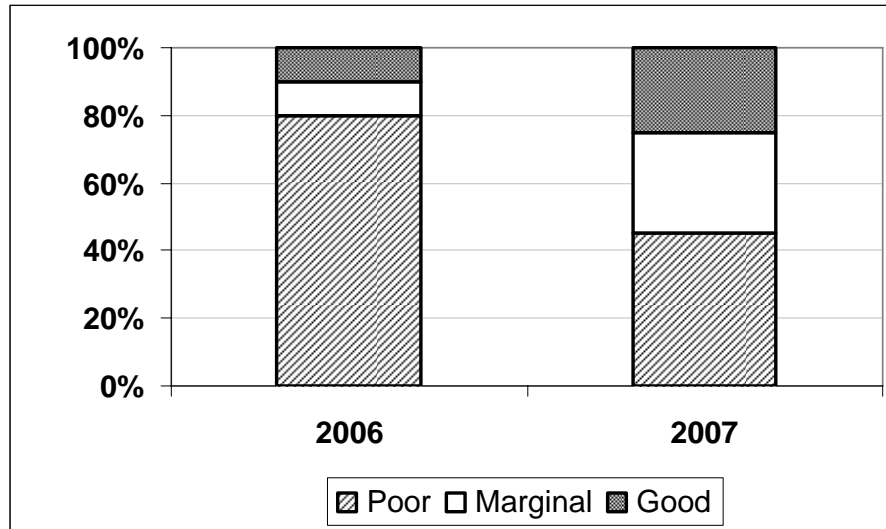


- Increased price projections contributed to the elimination of farms categorized as *poor*.
- The 2007 baseline results in an improvement in the overall financial viability of the representative wheat farms over the previous baseline.

¹ Projected overall economic viability for August 2006 Baseline is based on a 2006-2011 study period.

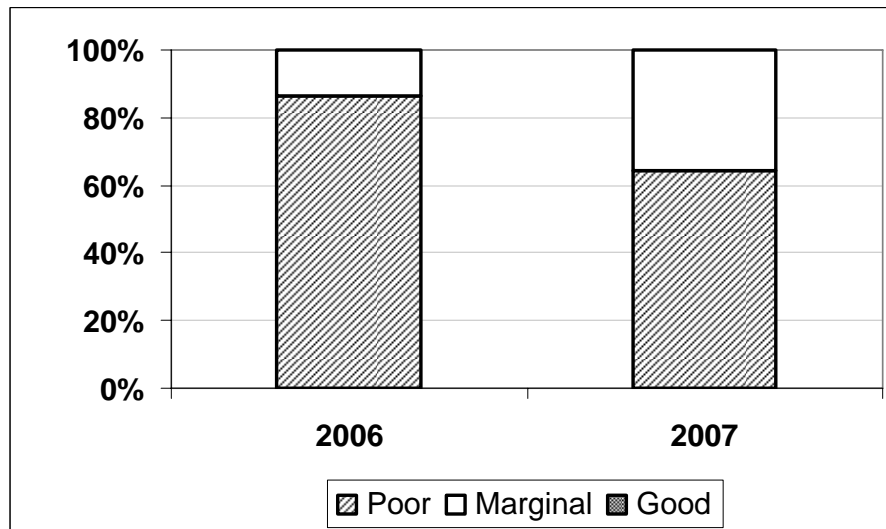
² Projected overall economic viability for August 2007 Baseline is based on a 2007-2012 study period.

Figure 3. Cotton Farms



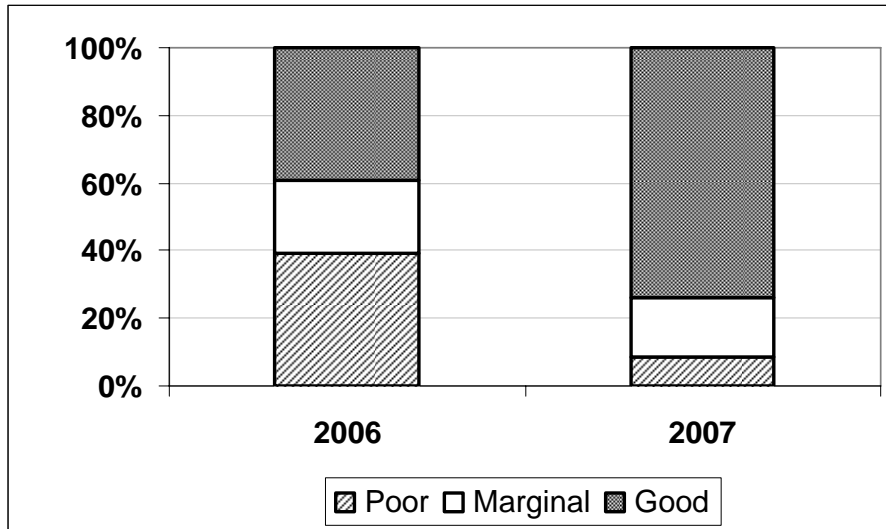
- The 2007 baseline results in improvement in the financial viability of the representative cotton farms.
- Cotton prices rise well above the loan rate, reaching \$0.61/lb. in 2008/09 and remaining around \$0.60 throughout the rest of the projection period.

Figure 4. Rice Farms



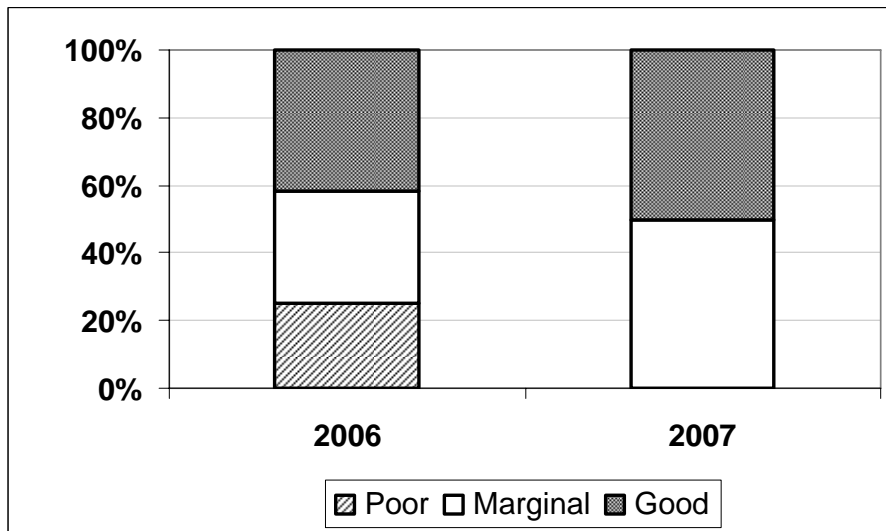
- The majority of representative rice farms continue to be classified as *poor*.
- Increases in projected prices under the August 2007 Baseline were significant enough to shift some farms from *poor* to *marginal*.

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 \$19.07/cwt in 2007 to a low of \$15.72 in 2012; however, these prices are significantly higher than the 2006 baseline projections.

Figure 6. Ranches



- Significantly higher cattle price projections have contributed to an increase in ranches being classified as either *good* or *marginal*. No ranches are classified as *poor*.
- 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 AUGUST 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) August 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 August 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 August 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.

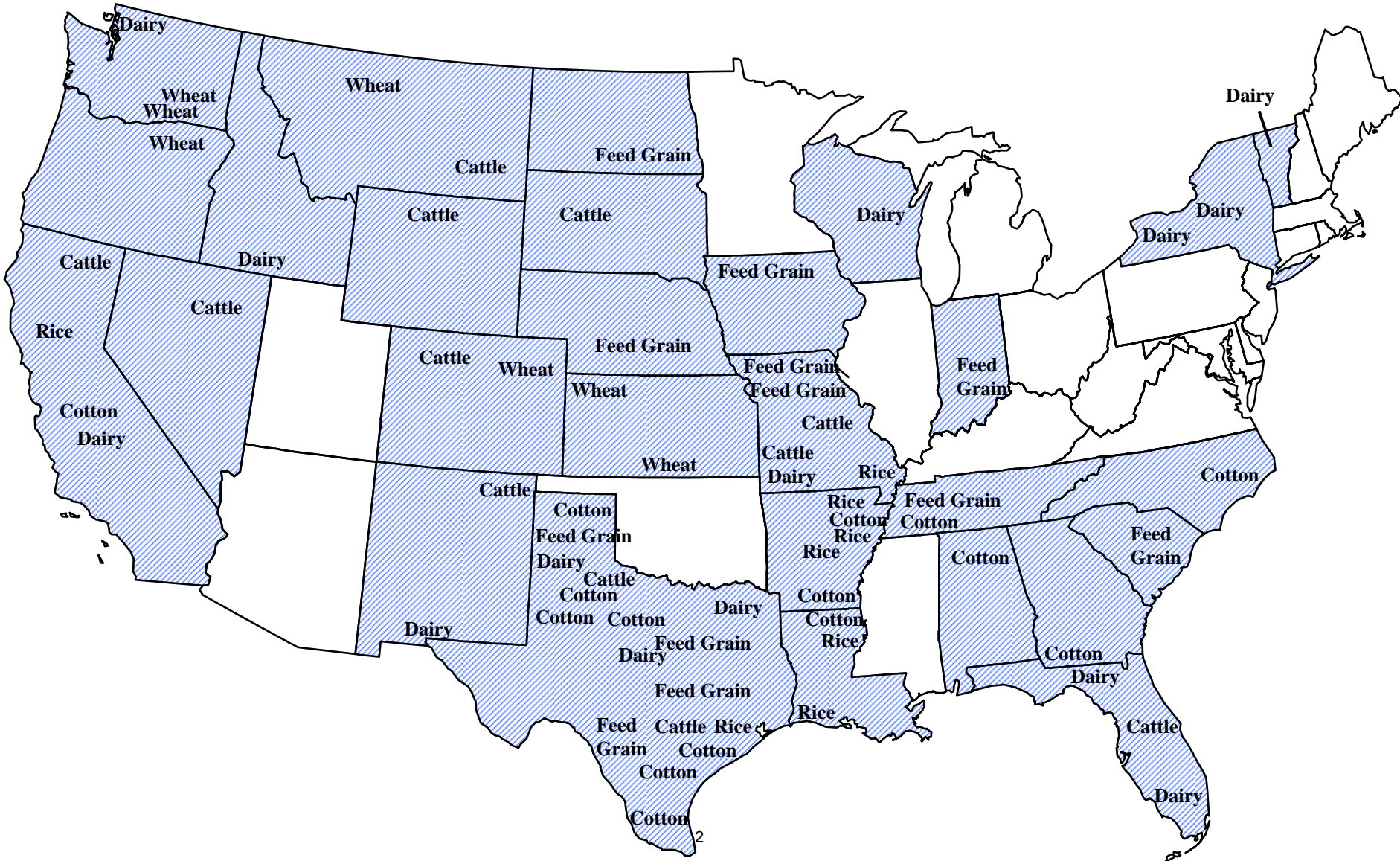
Panel Process

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 October 2002, 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

- 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 August 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 August 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 August 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 August 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 August 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 January 2007 Baseline Update

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

SCG1500	Moved from Clarendon County to Barnwell County, which affected the crop mix by adding cotton and peanut acreage while decreasing corn and soybean acreage.
SCG3500	No change in total acreage. Crop mix changed slightly.
MOWR4000	No changes to acreage or crop mix.
TXUG1200	Increased corn and grain sorghum acreage, and decreased cotton acreage in 2007. All crops are now custom harvested.
COW3000	No change in total farm size. Crop mix changed slightly.
COW5640	Total size remained the same, but sunflower acreage was switched to a wheat/fallow rotation.
NCC1500	Farm size increased from 1,100 to 1,500 acres. Cotton acreage was reduced, while corn acreage was added. Wheat and soybean acreage also increased.
ALC3000	Cotton acreage was reduced in 2007, while corn and soybean acreage was increased.
CABR1300	Farm size increased from 1,100 to 1,300 acres, with 1,200 acres planted to rice.
CAR2365	Farm size remained the same at 2,365 acres, with 2,240 acres planted to rice.
CAR550	Farm size remained the same at 550 acres, with 500 acres planted to rice.
CACR715	Farm size remained the same at 715 acres, with 650 acres planted to rice.
TXPG3760	Total size remained the same, but the majority of cotton acreage was switched to corn and wheat in 2007.

FAPRI August 2007 Baseline

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

- Corn prices start at \$3.10/bu in 2007, reach a high of \$3.38/bu in 2008, and decline to \$3.25/bu by 2012.
- Wheat prices spike to \$5.11/bu in 2007, and return to a range of \$4.19/bu to \$4.32/bu for the remainder of the planning horizon.
- Cotton prices are now expected to peak at \$0.6116/lb in 2009, and then stay above \$0.5900/lb through 2012.
- Rice prices are expected to remain above \$9.00/cwt throughout the planning horizon, peaking at \$9.90/cwt in 2007.
- Sorghum prices are expected to remain relatively stable, ranging between \$2.92/bu and \$3.19/bu between 2007 and 2012.
- Soybeans are expected to range between \$7.72/bu and \$8.01/bu during the planning horizon.
- The U.S. all hay prices are expected to peak at \$123.20/ton in 2007, and stay above \$110.00/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 August 2007 Baseline are presented in Table 2. Beef cattle price projections are significantly higher than they were in the January 2007 Baseline. Feeder cattle prices are now expected to remain above \$100/cwt throughout the planning horizon. While fat cattle price projections are also higher, the changes to the estimates were less extreme than those for feeder cattle. Specifically, classes of cattle and milk prices are projected to move as follows:

- Feeder cattle prices are projected to reach a high of \$118.46/cwt in 2008 and decrease to \$102.03/cwt by 2012.
- Fat cattle prices are expected to range between \$86.40/cwt and \$94.21/cwt.
- Cull cow prices peak at \$52.98/cwt in 2008, decreasing to \$47.14/cwt by 2012.
- The U.S. all milk price projections have been increased, and are expected to reach a high of \$19.07/cwt in 2007 and then decrease to \$15.72/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 August 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 are provided by the FAPRI Baseline and are projected to range between 3.51% and 13.68% per year.

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

	2005	2006	2007	2008	2009	2010	2011	2012
Crop Prices								
Corn (\$/bu.)	2.00	3.03	3.10	3.38	3.35	3.34	3.28	3.25
Wheat (\$/bu.)	3.42	4.26	5.11	4.19	4.32	4.31	4.31	4.29
Cotton (\$/lb.)	0.4770	0.4730	0.5394	0.6086	0.6116	0.6044	0.6021	0.5990
Sorghum (\$/bu.)	1.86	3.28	2.92	3.19	3.12	3.15	3.10	3.07
Soybeans (\$/bu.)	5.66	6.40	7.77	8.01	7.92	7.85	7.79	7.72
Barley (\$/bu.)	2.53	2.85	3.01	3.31	3.18	3.16	3.12	3.09
Oats (\$/bu.)	1.63	1.87	2.04	2.17	2.19	2.18	2.16	2.14
Rice (\$/cwt.)	7.65	9.68	9.90	9.70	9.64	9.65	9.64	9.64
Soybean Meal (\$/ton)	166.12	195.53	207.88	205.71	200.41	196.80	194.79	192.68
All Hay (\$/ton)	98.20	109.00	123.20	114.46	110.86	110.46	111.15	111.52
Peanuts (\$/ton)	346	352	412.06	476.67	460.83	458.36	459.64	456.82
Loan Rates								
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
Direct Payment Rates								
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 August 2007 Baseline Projections of Livestock and Milk Prices, 2005-2012

	2005	2006	2007	2008	2009	2010	2011	2012
Cattle Prices								
Feeder Cattle (\$/cwt)	120.11	117.68	117.53	118.46	114.27	107.60	103.83	102.03
Fat Cattle (\$/cwt)	87.28	85.41	91.09	94.21	92.93	90.04	87.84	86.40
Culled Cows (\$/cwt)	54.36	47.56	50.94	52.98	52.36	49.92	47.93	47.14
Milk Prices -- National and State								
All Milk Price (\$/cwt)	15.19	12.97	19.07	16.05	15.78	15.72	15.74	15.72
California (\$/cwt)	13.92	11.58	16.93	14.66	14.44	14.37	14.39	14.37
Florida (\$/cwt)	18.60	15.90	22.18	19.08	18.68	18.65	18.70	18.70
Idaho (\$/cwt)	14.00	11.80	18.11	14.86	14.65	14.61	14.66	14.65
Missouri (\$/cwt)	15.50	13.30	19.63	16.46	16.15	16.11	16.16	16.15
New Mexico (\$/cwt)	14.30	12.10	18.47	15.27	14.99	14.94	14.99	14.98
New York (\$/cwt)	15.90	13.40	19.81	16.65	16.32	16.27	16.31	16.30
Texas (\$/cwt)	15.30	13.30	19.67	16.48	16.18	16.14	16.19	16.18
Vermont (\$/cwt)	16.00	13.70	20.12	16.96	16.63	16.58	16.62	16.61
Washington (\$/cwt)	14.90	12.60	19.11	15.94	15.62	15.56	15.59	15.58
Wisconsin (\$/cwt)	15.60	13.30	19.53	16.25	16.07	16.05	16.10	16.10

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

Table 3. FAPRI August 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
Annual Rate of Change for Input Prices Paid							
Seed Prices (%)	8.03	3.60	2.18	1.45	1.49	1.66	1.40
All Fertilizer Prices (%)	6.95	4.52	3.37	0.12	-0.07	0.55	-0.01
Herbicide Prices (%)	3.71	1.80	1.73	1.19	1.08	1.29	1.09
Insecticide Prices (%)	3.06	0.97	0.80	0.70	1.42	1.72	1.46
Fuel and Lube Prices (%)	8.08	0.89	1.70	-0.75	-0.51	-1.17	-1.41
Machinery Prices (%)	4.04	3.39	3.00	1.71	1.81	2.10	2.08
Wages (%)	2.72	3.14	2.22	2.75	2.96	3.09	3.12
Supplies (%)	5.11	3.68	4.07	3.13	2.22	2.03	1.61
Repairs (%)	3.38	2.87	2.43	2.40	2.47	2.60	2.51
Services (%)	4.14	2.30	1.90	1.30	1.88	2.11	2.03
Taxes (%)	2.59	4.24	2.95	2.04	2.08	2.65	1.44
PPI Items (%)	3.53	5.11	1.77	0.82	0.81	1.08	0.74
PPI Total (%)	3.64	4.70	2.03	1.37	1.15	1.37	1.06
Annual Change in Consumer Price Index (%)	2.64	1.83	1.99	1.96	1.89	2.08	2.26
Annual Interest Rates							
Long-Term (%)	5.81	5.89	6.24	6.73	6.87	6.97	7.06
Intermediate-Term (%)	4.70	4.77	5.05	5.44	5.56	5.65	5.72
Savings Account (%)	1.61	1.63	1.73	1.86	1.90	1.93	1.96
Annual Rate of Change for U.S. Land Prices (%)	15.15	13.68	9.20	4.37	3.65	3.51	3.51

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, and marketing loan gains/loan deficiency 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

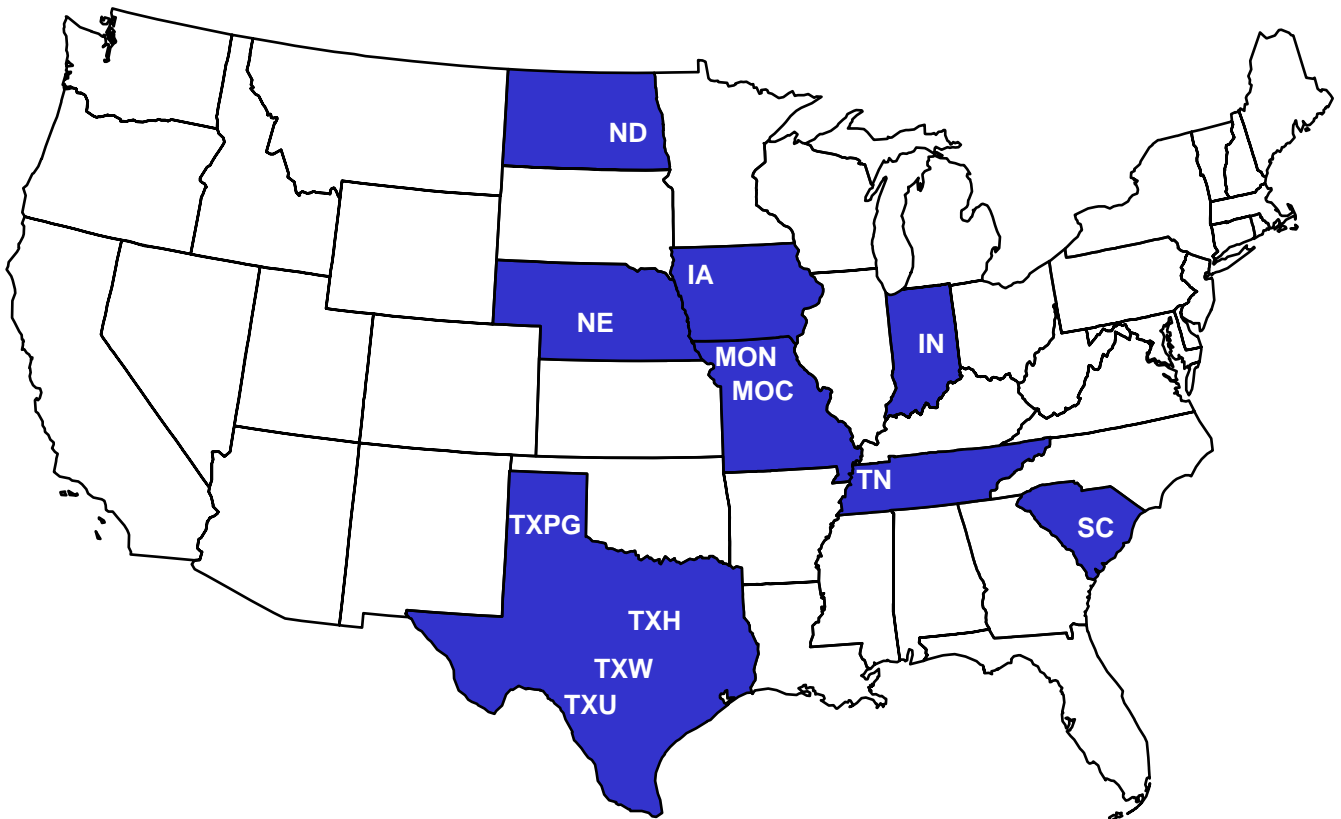


Table 4. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Feed Grains and Oilseeds.

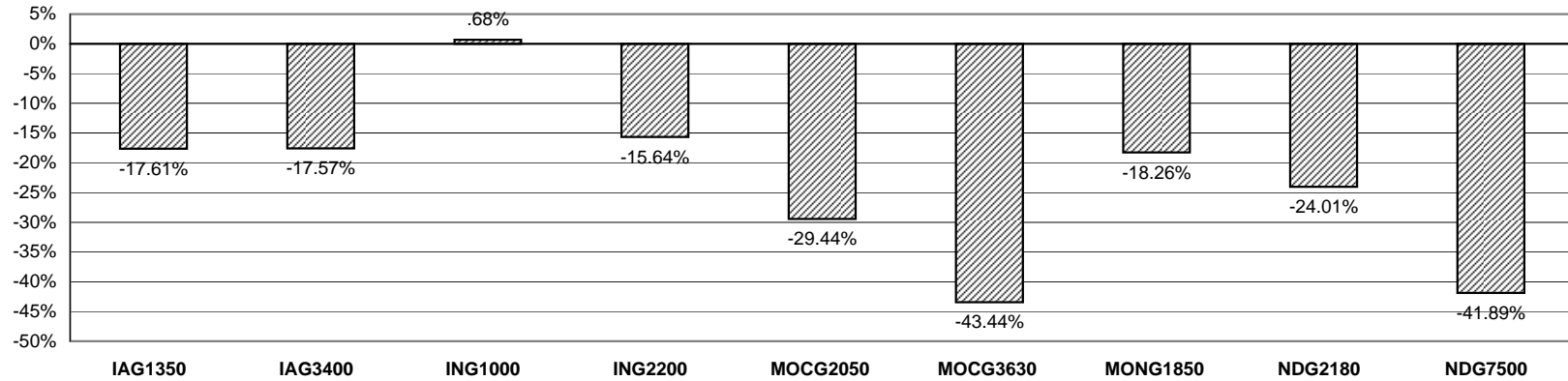
	IAG1350	IAG3400	NEG1960	NEG4300	NDG2180	NDG7500	MOCG2050	MOCG3630	MONG1850
Overall Financial Position									
2007-2012 Ranking	Good	Good	Good	Good	Good	Good	Good	Good	Good
Change Real Net Worth (%)									
2007-2012 Average	8.47	7.11	8.65	9.01	13.93	9.95	7.65	8.58	6.69
NIA to Maintain Real Net Worth (%/Rec.)									
	-30.52	-36.77	-28.94	-29.81	-28.48	-46.80	-71.65	-71.97	-54.55
NIA for Zero Ending Cash Balance (%/Rec.)									
	-17.61	-17.57	-21.26	-19.61	-24.01	-41.89	-29.44	-43.44	-18.26
Govt Payments/Receipts (%)									
2007-2012 Average	8.52	8.47	8.00	7.65	7.16	5.04	7.68	7.13	6.49
Cost to Receipts Ratio (%)									
2007-2012 Average	68.46	64.32	64.82	65.17	60.32	53.36	47.46	43.71	61.36
Total Cash Receipts (\$1000)									
2005	534.62	1,343.79	970.53	2,070.93	404.26	2,138.42	605.10	1,004.71	819.44
2006	600.04	1,483.41	1,044.00	2,026.62	472.35	2,059.03	723.19	1,205.59	782.28
2007	654.53	1,618.44	1,246.90	2,561.42	606.16	2,608.07	815.52	1,357.31	886.87
2008	699.78	1,730.34	1,307.52	2,673.22	630.41	2,635.00	866.13	1,435.43	971.04
2009	696.94	1,723.49	1,298.62	2,652.18	638.36	2,650.33	871.44	1,444.63	954.50
2010	699.67	1,729.12	1,300.15	2,631.30	618.80	2,569.72	887.29	1,470.49	926.90
2011	708.53	1,752.32	1,331.70	2,674.95	669.89	2,682.51	903.04	1,491.71	948.51
2012	704.70	1,741.67	1,292.55	2,637.75	615.72	2,579.58	903.78	1,492.95	919.49
2007-2012 Average	694.03	1,715.90	1,296.24	2,638.47	629.89	2,620.87	874.53	1,448.75	934.55
Government Payments (\$1000)									
2005	110.34	288.53	213.62	401.94	55.76	296.52	101.74	166.48	121.29
2006	47.93	116.44	232.08	427.13	25.71	102.44	52.45	77.99	50.52
2007	47.77	117.80	120.96	224.01	33.74	161.45	51.85	81.20	50.33
2008	55.99	137.98	98.35	192.04	38.83	181.97	62.52	98.68	56.69
2009	56.87	140.05	99.98	195.37	40.41	156.17	63.71	100.53	59.16
2010	55.27	134.85	91.39	176.80	37.38	58.46	61.15	95.15	54.24
2011	62.67	154.51	107.81	197.01	37.92	113.11	73.83	110.97	65.39
2012	51.49	125.48	88.32	168.90	35.54	84.32	58.65	84.32	54.59
2007-2012 Average	55.01	135.11	101.13	192.35	37.30	125.91	61.95	95.14	56.74
Net Cash Farm Income (\$1000)									
2005	102.71	340.10	194.66	476.70	79.88	924.23	227.02	433.46	310.63
2006	155.82	447.19	237.07	368.86	136.63	812.76	331.09	608.61	262.46
2007	203.57	565.37	424.55	868.57	266.73	1,340.26	421.48	756.01	354.56
2008	246.04	664.61	474.35	968.03	289.02	1,336.91	463.21	831.14	435.04
2009	245.06	660.15	462.29	954.31	290.61	1,324.99	473.32	844.18	409.57
2010	241.25	668.61	461.75	938.86	270.64	1,228.56	491.00	861.59	383.73
2011	244.61	686.94	497.45	974.31	317.38	1,331.42	510.98	884.00	410.13
2012	242.87	685.49	459.56	926.05	256.22	1,226.41	499.07	873.72	381.87
2007-2012 Average	237.23	655.19	463.32	938.36	281.77	1,298.09	476.51	841.77	395.82
Ending Cash Reserves (\$1000)									
2005	11.93	117.88	64.96	217.23	-5.72	519.05	39.29	146.24	119.96
2006	44.66	209.78	120.72	265.31	21.37	919.73	142.70	340.10	171.60
2007	91.55	304.97	246.48	509.14	111.25	1,508.81	255.49	585.77	233.16
2008	181.10	476.89	419.16	826.64	231.86	2,146.60	380.81	923.30	380.18
2009	277.54	612.48	569.98	1,088.53	348.33	2,709.77	503.01	1,232.99	417.78
2010	351.23	743.75	700.35	1,362.20	457.76	3,146.53	642.41	1,532.25	496.31
2011	413.78	857.83	837.21	1,633.69	571.00	3,606.30	773.73	1,834.57	562.35
2012	471.90	996.04	951.98	1,882.66	633.44	3,993.15	831.20	2,100.30	615.88
Nominal Net Worth (\$1000)									
2005	1,085.52	3,675.16	1,721.22	3,937.10	553.38	4,240.18	3,561.23	4,911.87	3,525.87
2006	1,243.27	4,194.38	1,872.65	4,241.44	624.41	5,040.31	4,177.76	5,756.70	4,017.78
2007	1,447.48	4,822.42	2,168.22	4,933.83	763.35	6,078.40	4,913.22	6,807.61	4,646.35
2008	1,647.51	5,397.05	2,446.27	5,580.90	906.80	6,968.64	5,535.45	7,750.15	5,225.93
2009	1,807.26	5,781.45	2,659.44	6,088.58	1,036.04	7,695.74	5,965.27	8,421.96	5,560.40
2010	1,934.87	6,160.38	2,870.27	6,636.91	1,156.71	8,336.23	6,393.64	9,063.75	5,880.44
2011	2,060.81	6,514.38	3,091.32	7,143.77	1,289.93	9,046.84	6,809.93	9,724.99	6,214.52
2012	2,191.12	6,905.72	3,307.16	7,633.22	1,401.79	9,738.27	7,195.69	10,350.56	6,538.02
Prob. of Negative Ending Cash (%)									
2007	13	2	1	1	7	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
Prob. of Decreasing Real Net Worth Over 2005-2012 (%)									
	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
Overall Financial Position										
2007-2012 Ranking	Marginal	Good	Good	Poor	Marginal	Poor	Good	Good	Good	Good
Change Real Net Worth (%)										
2007-2012 Average	5.65	6.88	6.59	2.40	2.88	-12.69	3.75	6.94	8.45	7.69
NIA to Maintain Real Net Worth (%/Rec.)										
	-34.86	-51.25	-13.10	-7.02	-8.84	5.22	-12.46	-32.69	-20.61	-42.11
NIA for Zero Ending Cash Balance (%/Rec.)										
	0.68	-15.64	-3.02	5.97	7.88	5.48	-0.21	-10.15	-18.70	-22.86
Govt Payments/Receipts (%)										
2007-2012 Average	8.75	8.31	7.80	10.53	13.31	12.10	7.11	7.39	15.75	12.15
Cost to Receipts Ratio (%)										
2007-2012 Average	70.18	64.98	89.00	91.02	89.42	95.41	80.70	61.54	74.05	68.22
Total Cash Receipts (\$1000)										
2005	350.78	836.18	2,414.76	410.91	304.27	743.62	247.53	795.40	938.94	1,434.03
2006	401.67	956.07	2,583.33	500.59	352.88	702.60	296.28	938.44	874.04	1,531.13
2007	445.23	1,040.85	2,898.15	514.16	371.68	646.08	330.10	1,071.68	901.88	1,614.98
2008	469.65	1,133.15	2,902.73	547.91	390.30	681.20	351.69	1,139.07	917.89	1,616.92
2009	473.95	1,121.31	2,936.55	546.80	396.98	675.98	355.30	1,137.87	904.39	1,618.87
2010	471.97	1,121.13	2,900.83	532.47	382.29	672.46	351.53	1,130.53	901.43	1,633.30
2011	483.46	1,146.66	2,963.63	561.66	399.53	700.31	370.43	1,175.94	932.55	1,700.56
2012	472.51	1,127.87	2,924.09	534.12	381.34	678.10	353.70	1,133.41	930.13	1,663.29
2007-2012 Average	469.46	1,115.16	2,921.00	539.52	387.02	675.69	352.13	1,131.42	914.71	1,641.32
Government Payments (\$1000)										
2005	60.64	137.43	487.08	105.28	89.39	174.87	38.06	96.73	260.95	296.46
2006	33.81	76.24	448.07	65.52	60.67	134.85	17.89	50.88	217.09	203.37
2007	33.66	75.19	251.95	57.07	58.31	94.90	19.77	65.91	184.46	197.33
2008	39.59	89.53	224.14	53.51	51.26	81.00	23.99	81.66	143.28	194.79
2009	40.57	91.48	217.78	52.72	47.78	75.51	24.72	85.04	129.54	182.61
2010	38.42	84.04	205.71	48.95	45.38	74.53	22.54	74.27	128.97	178.59
2011	43.56	97.51	226.25	52.29	49.63	79.14	26.86	85.24	133.89	191.76
2012	35.98	81.77	200.87	48.54	44.93	72.82	21.45	71.64	128.99	172.29
2007-2012 Average	38.63	86.59	221.11	52.18	49.55	79.65	23.22	77.29	141.52	186.23
Net Cash Farm Income (\$1000)										
2005	54.78	179.20	53.12	-8.24	9.29	86.46	1.97	183.21	277.16	433.15
2006	94.98	270.74	71.49	59.30	42.43	28.65	35.45	290.59	206.15	488.44
2007	131.87	346.35	396.46	62.92	52.24	31.79	62.01	414.94	261.50	556.54
2008	150.67	424.90	372.26	88.90	62.60	55.00	79.97	464.71	260.05	553.53
2009	150.06	413.42	373.97	80.38	64.58	45.04	79.52	463.55	243.35	548.57
2010	147.07	414.50	328.90	54.07	42.32	33.80	73.75	445.29	235.98	565.18
2011	160.02	441.98	376.45	78.23	55.95	48.39	92.91	491.56	261.84	626.88
2012	147.51	417.84	331.75	49.37	34.85	27.03	75.54	451.93	251.82	583.48
2007-2012 Average	147.87	409.83	363.30	68.98	52.09	40.17	77.28	455.33	250.76	572.36
Ending Cash Reserves (\$1000)										
2005	-25.43	26.98	-95.60	-77.43	-41.13	23.75	-58.38	-17.78	145.75	179.97
2006	-20.69	85.41	-201.89	-82.35	-41.92	-16.47	-79.21	20.65	216.84	370.93
2007	-22.61	169.17	-13.41	-101.12	-50.83	-53.98	-83.09	102.17	291.47	544.13
2008	13.07	298.30	132.93	-73.62	-45.30	-60.42	-43.15	199.68	396.29	736.87
2009	10.66	404.74	233.77	-74.33	-47.63	-87.21	-21.86	286.51	475.69	893.28
2010	6.59	492.97	278.95	-104.98	-80.73	-130.11	-15.13	266.25	542.69	1,104.84
2011	8.55	585.54	371.82	-118.75	-97.85	-151.31	5.48	358.32	625.07	1,322.32
2012	-13.24	635.42	403.87	-173.07	-152.43	-193.55	3.62	381.44	694.59	1,506.49
Nominal Net Worth (\$1000)										
2005	1,531.15	3,831.59	2,742.74	805.34	550.80	235.66	692.24	2,181.97	878.22	3,941.94
2006	1,733.73	4,415.19	3,053.11	894.14	622.40	196.95	737.31	2,507.30	1,026.35	4,765.69
2007	1,982.74	5,133.26	3,698.51	981.71	697.11	165.74	807.05	2,908.91	1,198.06	5,617.99
2008	2,196.76	5,752.78	4,146.67	1,067.38	757.74	149.46	875.47	3,221.86	1,355.16	6,322.98
2009	2,320.42	6,159.41	4,427.38	1,096.59	790.79	120.25	906.27	3,461.43	1,467.76	6,789.07
2010	2,433.11	6,529.57	4,660.15	1,102.90	795.53	79.21	930.49	3,673.02	1,572.29	7,299.07
2011	2,552.58	6,914.01	4,945.84	1,127.41	817.87	58.02	969.63	3,936.96	1,698.36	7,779.76
2012	2,665.76	7,281.03	5,162.30	1,126.94	820.71	12.79	991.81	4,136.60	1,811.42	8,236.88
Prob. of Negative Ending Cash (%)										
2007	71	3	49	85	86	78	91	13	1	1
2008	44	1	38	68	75	73	71	5	1	1
2009	44	1	32	63	70	80	50	6	1	1
2010	46	1	27	67	77	85	56	6	1	1
2011	43	1	19	67	79	86	46	5	1	1
2012	57	1	22	76	89	88	48	5	1	1
Prob. of Decreasing Real Net Worth Over 2005-2012 (%)										
	1	1	1	14	5	88	4	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

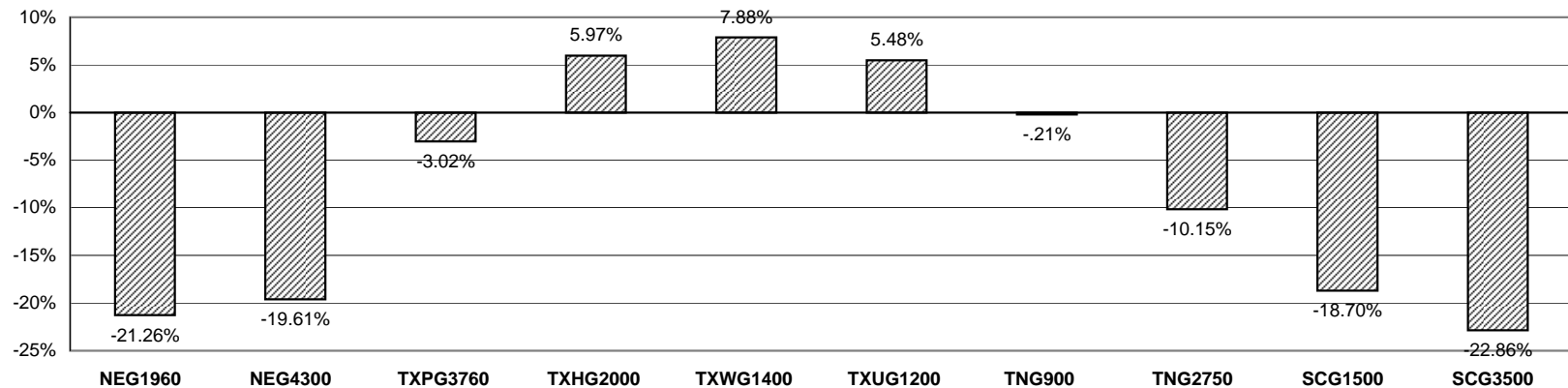
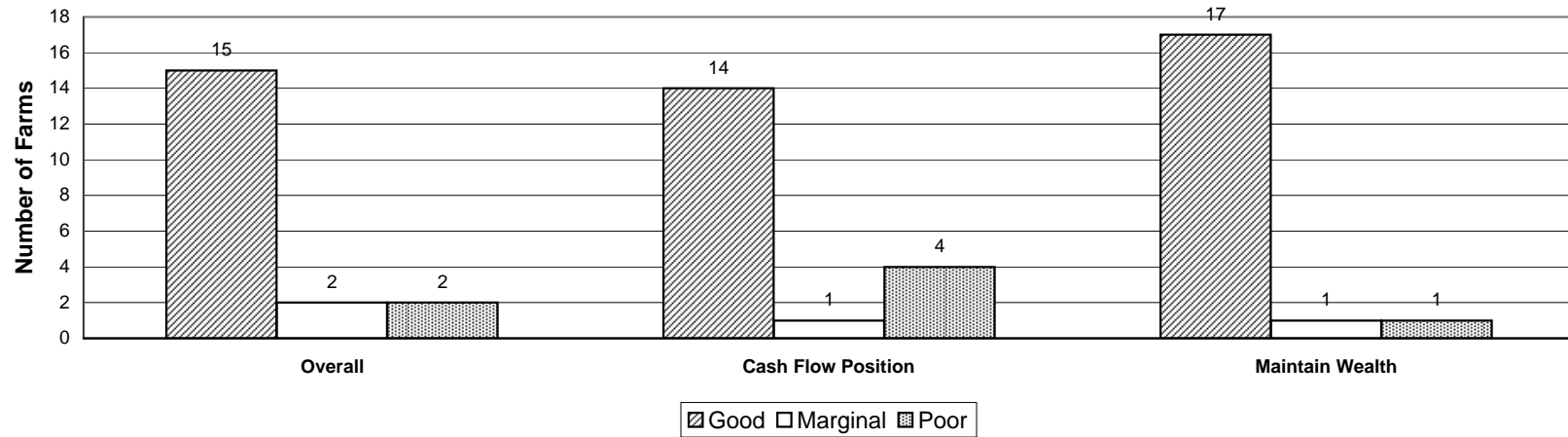


Figure 10. Feed Grain and Oilseed Farms

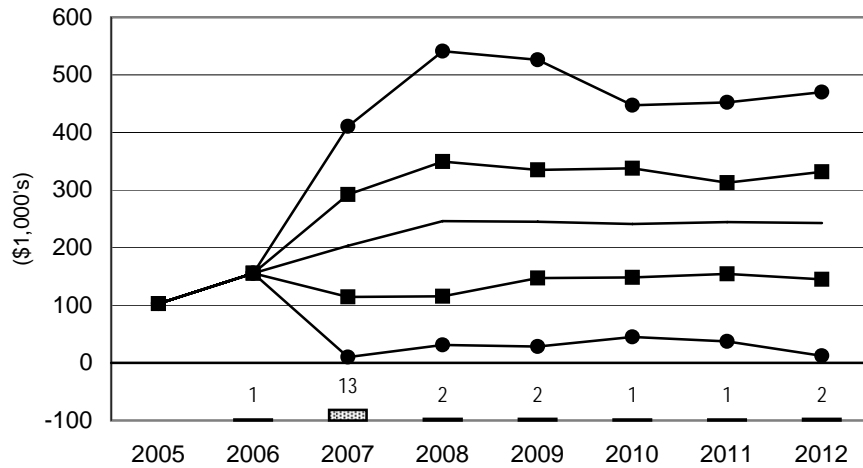
Economic and Financial Position Over the Period, 2007-2012, for all Feed Grain and Oilseed Farms



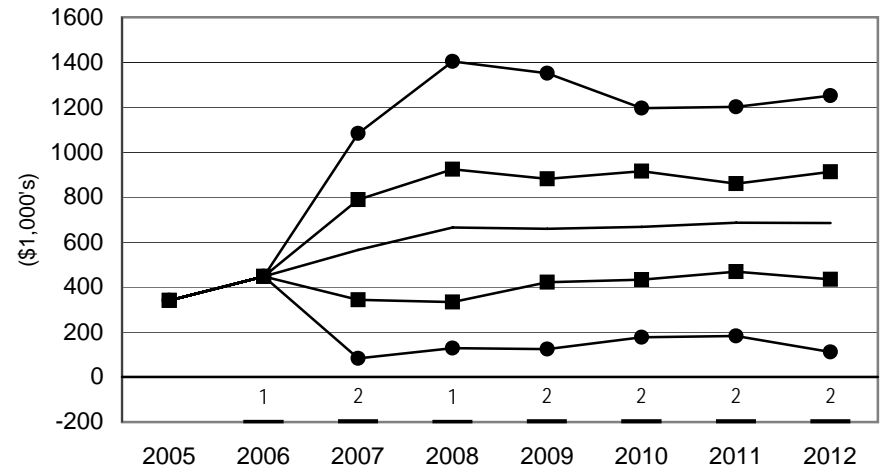
**Figure 11. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Feed Grain and Oilseed Farms**

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

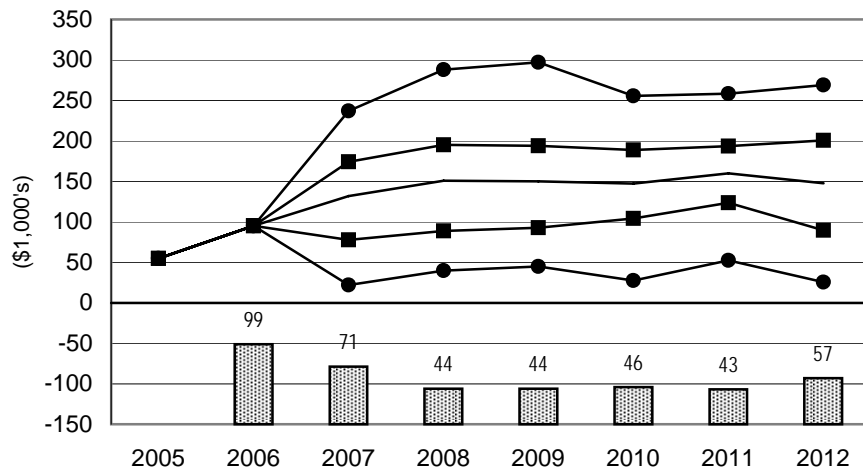
IAG1350 Iowa Grain Farm



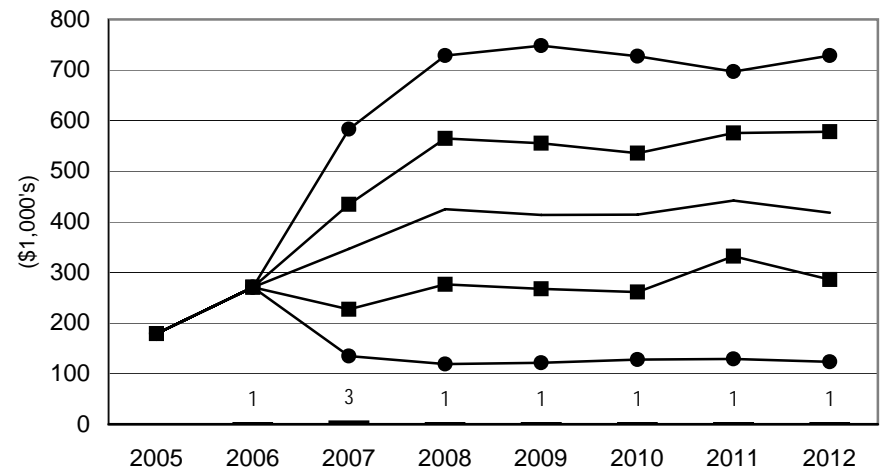
IAG3400 Large Iowa Grain Farm



ING1000 Indiana Grain Farm



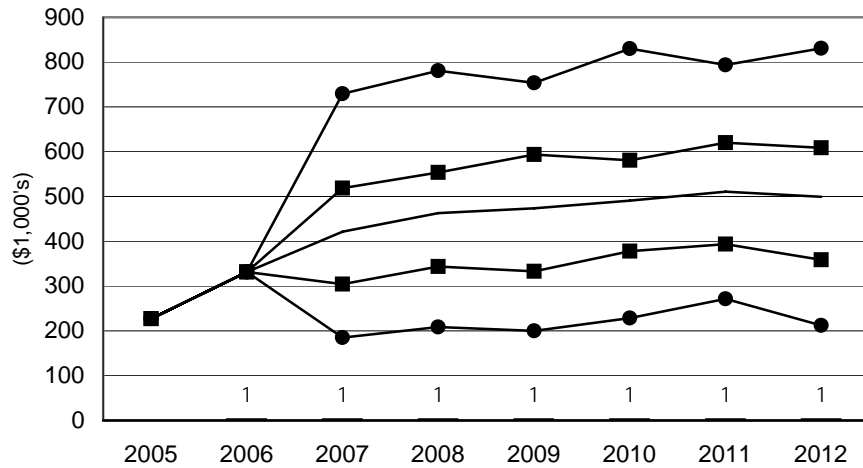
ING2200 Large Indiana Grain Farm



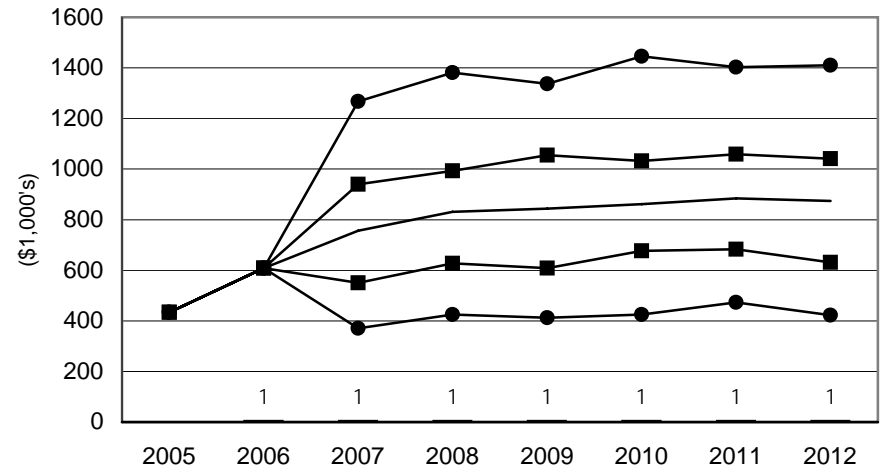
**Figure 12. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Feed Grain and Oilseed Farms**

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

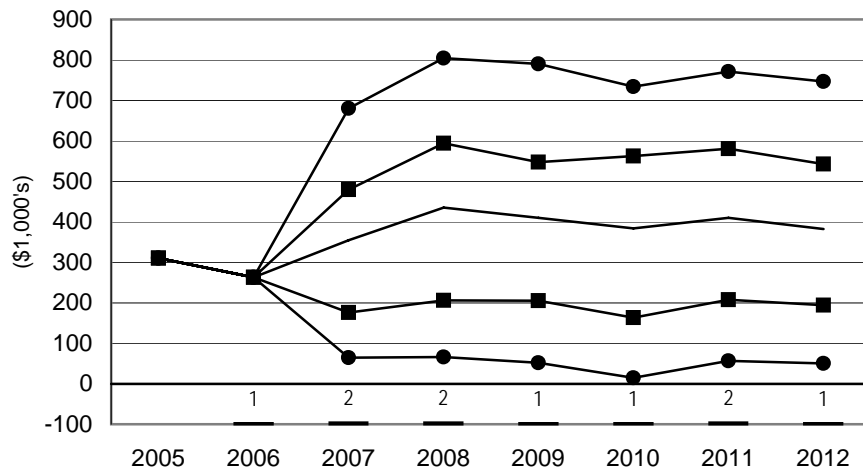
MOCG2050 Central Missouri Grain Farm



MOCG3630 Large Central Missouri Grain Farm



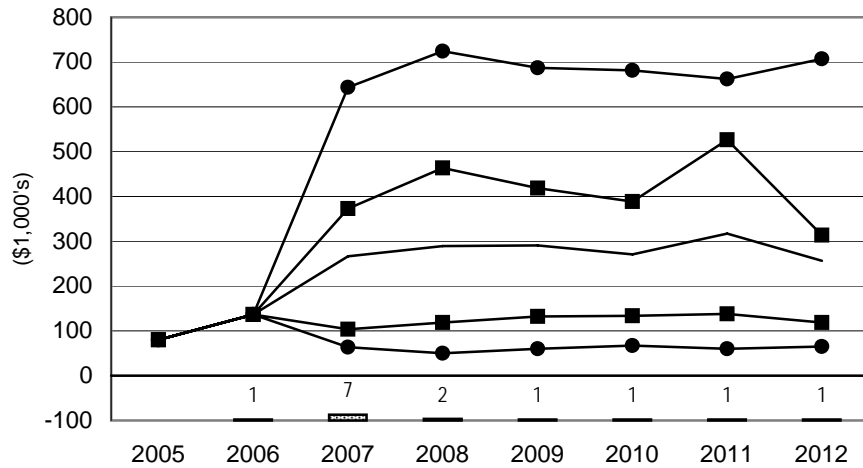
MONG1850 Northwest Missouri Grain Farm



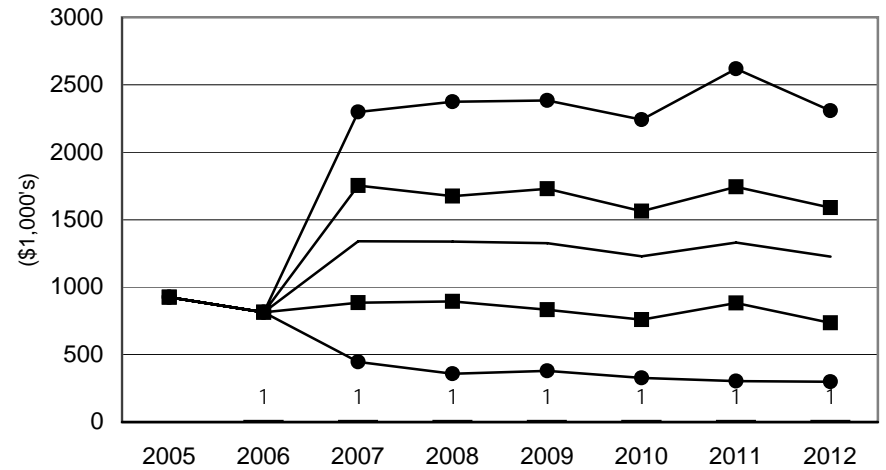
**Figure 13. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Feed Grain and Oilseed Farms**

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

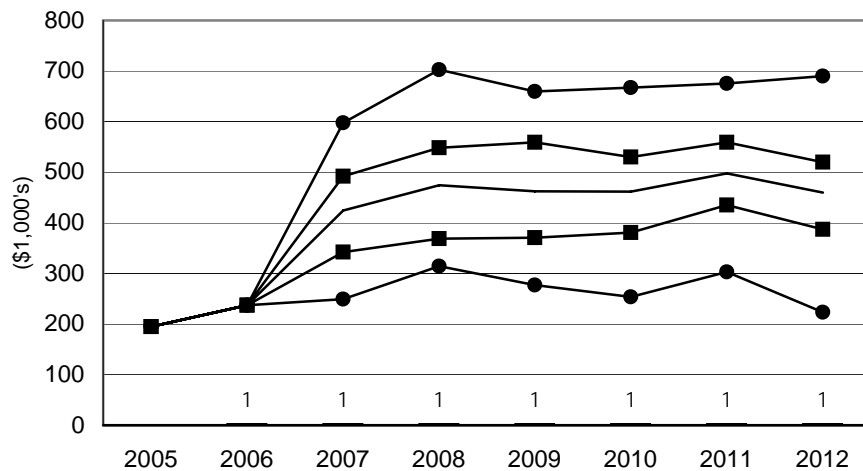
NDG2180 North Dakota Grain Farm



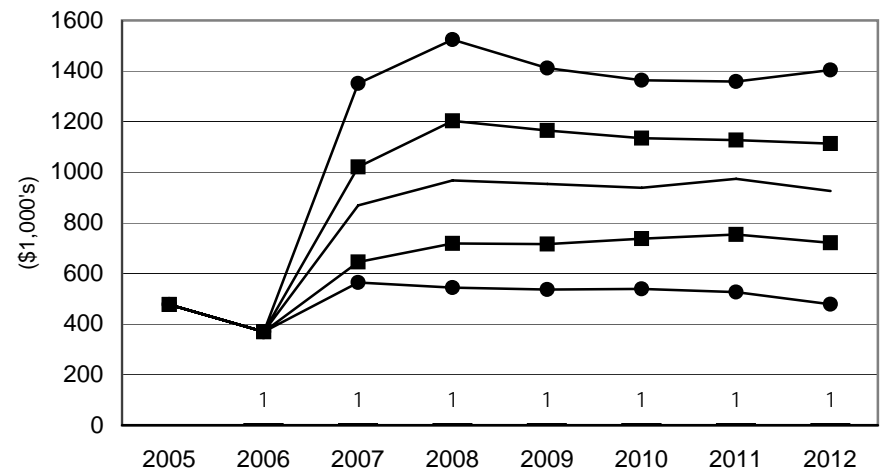
NDG7500 Large North Dakota Grain Farm



NEG1960 Nebraska Grain Farm



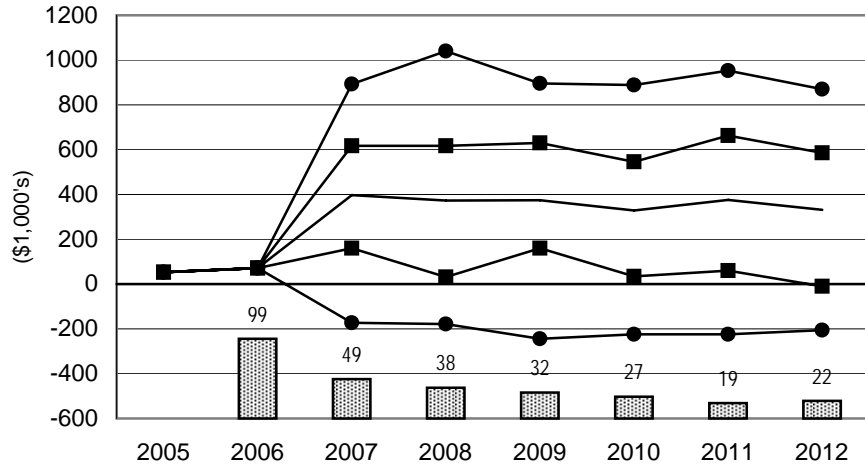
NEG4300 Large Nebraska Grain Farm



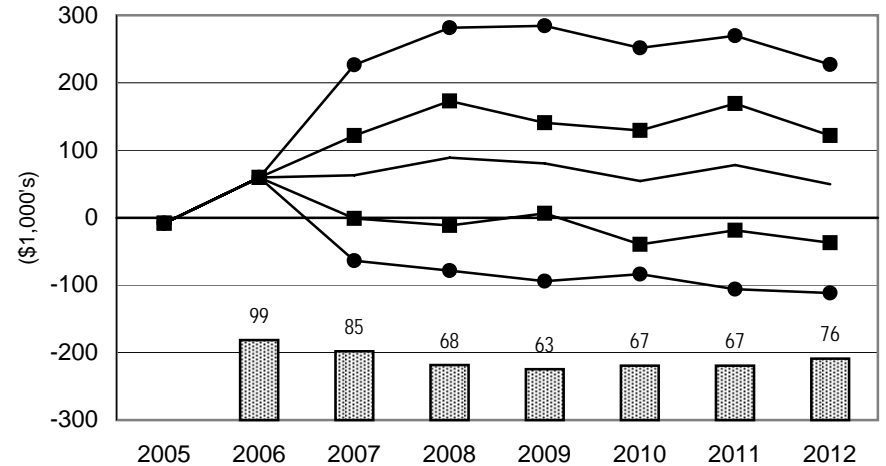
**Figure 14. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Feed Grain and Oilseed Farms**

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

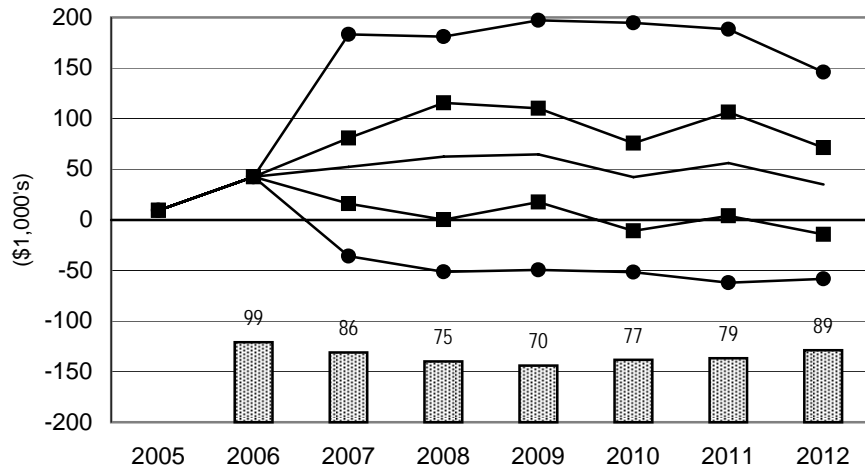
TXPG3760 Texas Panhandle Grain Farm



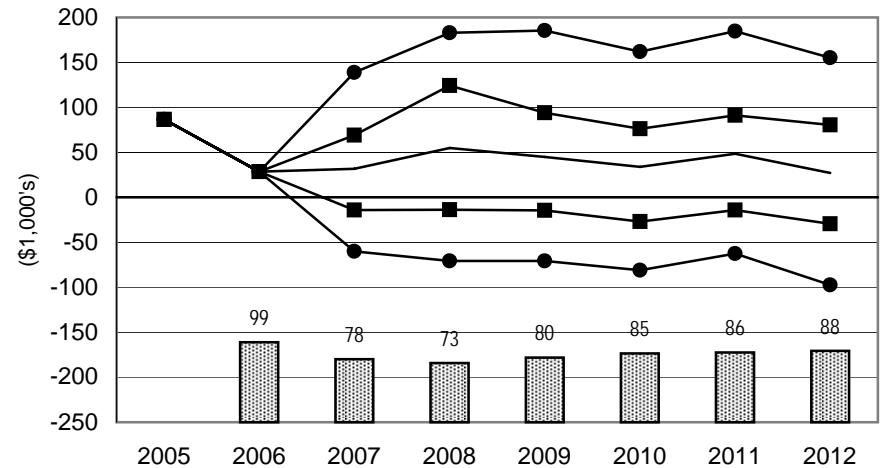
TXHG2000 Texas North Blacklands Grain Farm



TXWG1400 Texas South Blacklands Grain Farm



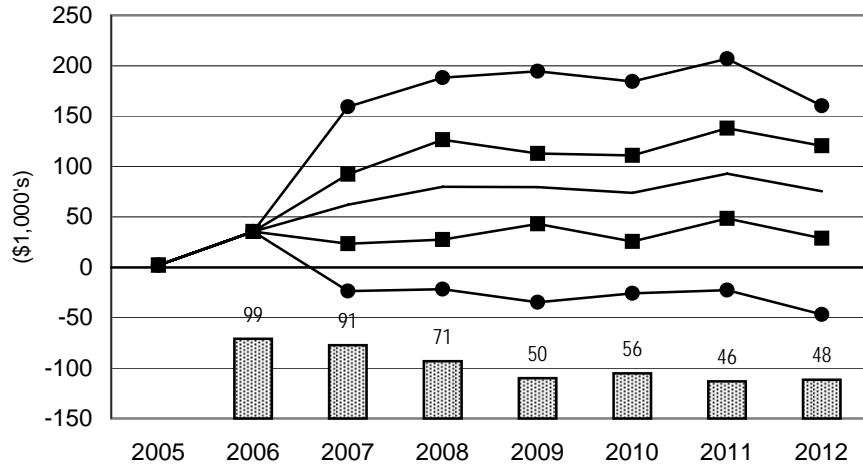
TXUG1200 Uvalde Texas Grain Farm



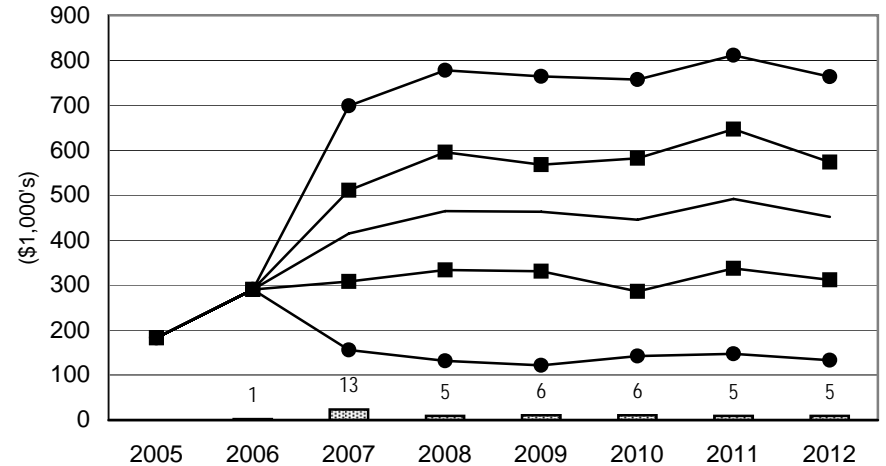
**Figure 15. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Feed Grain and Oilseed Farms**

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

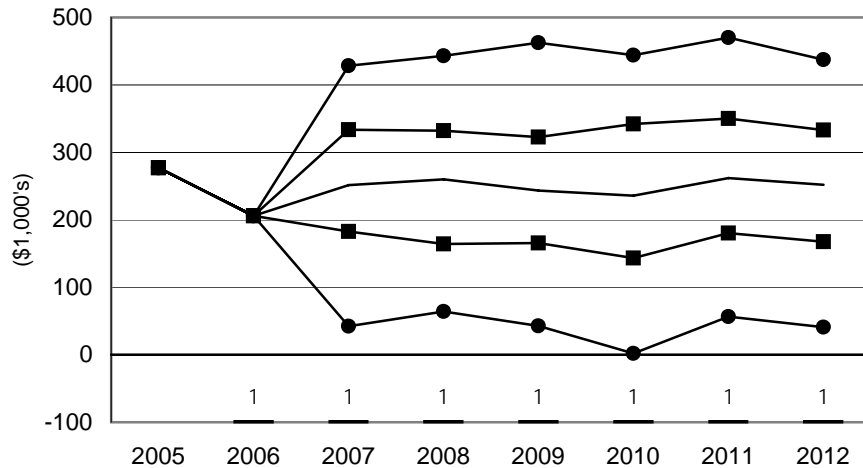
TNG900 Tennessee Grain Farm



TNG2750 Large Tennessee Grain Farm



SCG1500 South Carolina Grain Farm



SCG3500 Large South Carolina Grain Farm

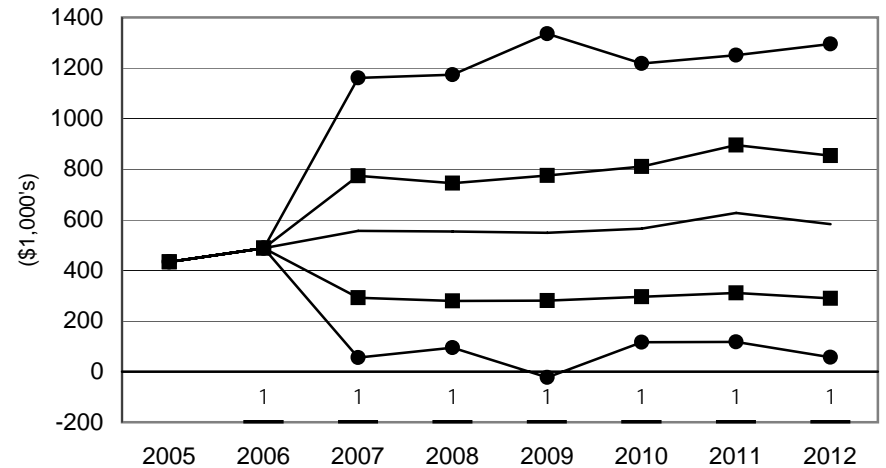


Figure 16. Representative Farms Producing Wheat

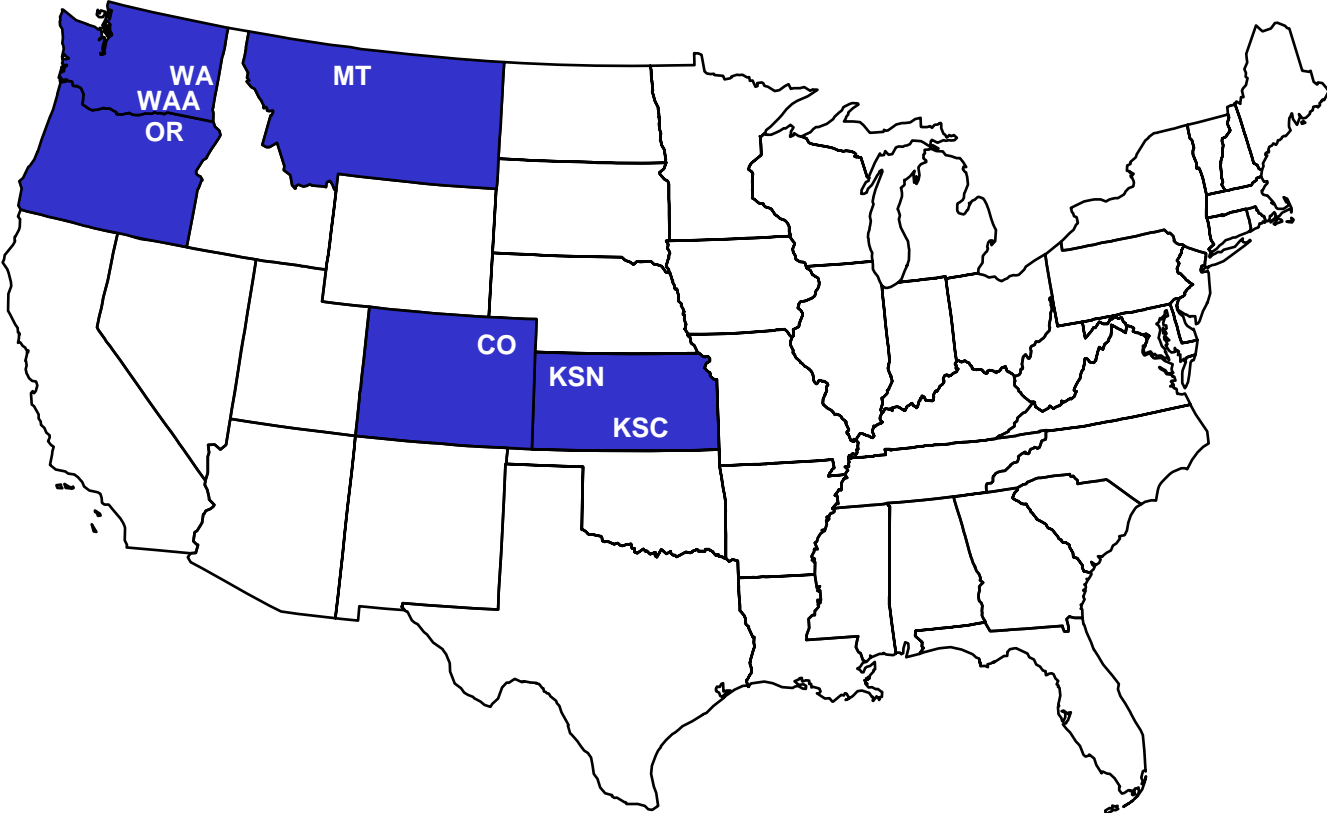
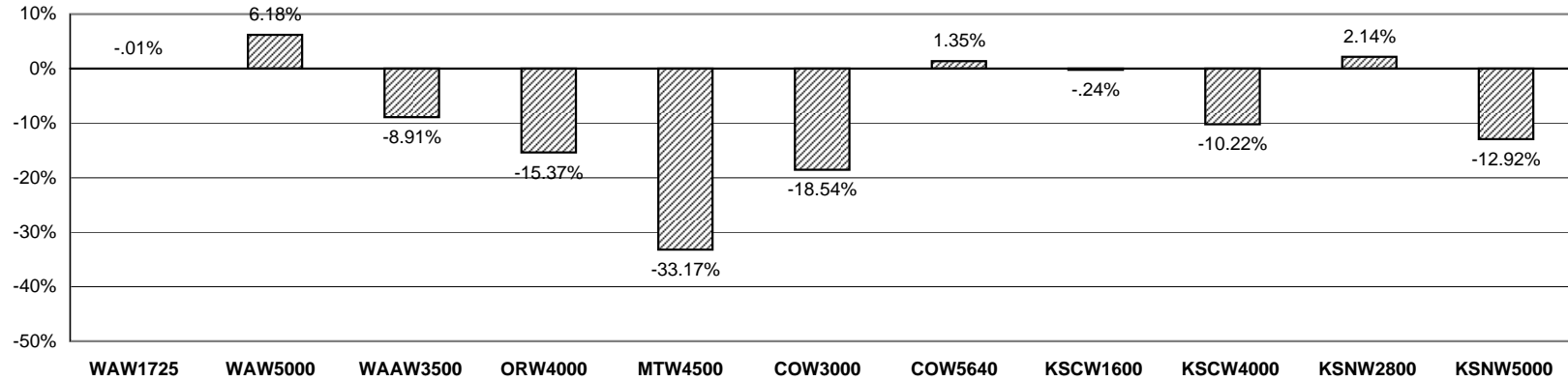


Table 6. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Wheat.

	WAW1725	WAW5000	WAAW3500	ORW4000	MTW4500	COW3000	COW5640	KSCW1600	KSCW4000	KSNW2800	KSNW5000
Overall Financial Position											
2007-2012 Ranking	Good	Marginal	Good	Good	Good	Good	Marginal	Good	Good	Marginal	Good
Change Real Net Worth (%)											
2007-2012 Average	4.08	3.73	5.49	4.23	6.11	7.85	5.46	3.53	5.34	3.72	5.71
NIA to Maintain Real Net Worth (%/Rec.)											
2007-2012 Average	-17.55	-19.74	-34.15	-32.33	-52.30	-40.34	-24.12	-17.36	-25.30	-20.86	-27.68
NIA for Zero Ending Cash Balance (%/Rec.)											
2007-2012 Average	-0.01	6.18	-8.91	-15.37	-33.17	-18.54	1.35	-0.24	-10.21	2.14	-12.91
Govt Payments/Receipts (%)											
2007-2012 Average	9.19	8.30	10.48	10.10	12.09	6.81	7.90	9.26	9.37	8.93	7.83
Cost to Receipts Ratio (%)											
2007-2012 Average	80.98	85.50	67.79	64.59	58.35	51.96	68.32	78.78	66.06	78.38	72.28
Total Cash Receipts (\$1000)											
2005	372.56	1,134.57	227.22	291.46	506.59	172.08	343.62	221.05	533.26	346.06	781.35
2006	432.92	1,307.24	269.19	333.77	580.82	191.50	417.51	288.76	718.50	402.90	958.77
2007	491.56	1,451.82	312.76	385.82	503.59	356.26	651.45	337.39	777.39	435.06	1,096.52
2008	439.72	1,323.11	265.36	342.54	456.66	337.61	593.90	302.63	747.89	430.85	1,066.83
2009	451.12	1,358.33	275.47	341.12	459.48	341.29	601.27	313.17	757.43	427.56	1,073.20
2010	452.06	1,366.89	275.64	340.45	460.88	336.94	608.28	310.90	758.39	425.05	1,048.13
2011	462.07	1,403.55	280.69	332.32	490.26	346.00	638.09	324.10	776.30	426.05	1,085.38
2012	458.82	1,386.38	276.71	337.41	478.38	338.55	625.34	320.53	764.08	427.19	1,052.05
2007-2012 Average	459.22	1,381.68	281.10	346.61	474.88	342.78	619.72	318.12	763.58	428.63	1,070.35
Government Payments (\$1000)											
2005	35.75	94.77	23.82	27.20	46.64	24.14	44.32	34.87	101.39	52.29	125.18
2006	32.82	89.52	23.34	26.61	45.47	19.47	42.26	25.10	50.08	37.02	66.37
2007	36.34	98.58	25.30	29.19	48.88	19.38	40.52	24.45	59.61	32.82	70.87
2008	41.72	113.91	29.25	34.03	55.25	23.42	49.59	26.51	70.02	37.45	80.75
2009	41.28	112.35	28.60	33.34	54.81	23.03	48.02	26.79	70.09	37.63	84.29
2010	40.51	109.76	28.52	32.96	52.57	22.31	46.56	26.28	66.38	35.87	76.55
2011	42.57	115.94	29.83	33.73	54.56	24.63	51.43	27.64	73.10	37.59	85.59
2012	40.60	110.43	28.15	32.82	54.53	22.34	47.06	26.26	65.40	36.83	76.01
2007-2012 Average	40.50	110.16	28.27	32.68	53.43	22.52	47.20	26.32	67.43	36.36	79.01
Net Cash Farm Income (\$1000)											
2005	38.37	98.87	51.89	88.71	258.95	8.00	-9.25	-0.59	74.46	53.69	85.33
2006	77.62	220.61	85.41	121.38	324.59	13.81	46.51	58.07	235.79	98.93	242.03
2007	133.20	341.43	126.33	172.28	249.43	174.56	253.23	102.74	293.05	127.41	369.73
2008	77.61	193.19	80.04	128.10	200.98	160.52	196.67	68.18	263.43	116.32	334.12
2009	87.42	209.93	90.51	128.69	203.69	167.74	198.15	77.06	267.97	104.51	339.92
2010	86.81	195.11	91.83	128.00	204.00	165.91	196.54	75.51	271.63	100.57	311.65
2011	94.79	215.18	98.08	122.52	231.05	177.22	223.55	85.20	274.77	100.03	317.06
2012	89.76	194.23	90.76	125.44	220.04	163.19	206.86	79.79	253.09	91.26	277.47
2007-2012 Average	94.93	224.84	96.26	134.17	218.20	168.19	212.50	81.41	270.66	106.68	324.99
Ending Cash Reserves (\$1000)											
2005	-72.03	-72.76	-3.73	8.95	111.70	-56.49	-128.15	-71.68	-82.81	-16.98	-26.10
2006	-62.03	-48.25	10.26	32.91	243.43	-109.76	-203.86	-81.12	6.30	-5.04	73.31
2007	-33.22	-31.72	50.49	83.45	322.42	-20.39	-98.77	-56.25	70.60	14.09	185.32
2008	-29.14	-75.18	69.98	118.98	408.11	49.54	-29.30	-41.12	150.69	43.79	306.19
2009	-15.19	-112.50	95.00	146.71	488.04	118.55	4.19	-24.57	182.64	26.64	408.59
2010	-5.51	-188.72	120.20	170.99	561.66	186.15	-21.29	-14.53	255.94	24.40	484.22
2011	3.28	-260.77	147.35	187.94	627.24	255.58	-8.31	-2.35	264.78	10.96	504.40
2012	0.17	-364.36	128.34	196.25	711.13	299.76	-36.97	3.90	292.67	-42.74	517.72
Nominal Net Worth (\$1000)											
2005	890.28	3,587.61	891.08	981.43	1,862.86	845.71	1,344.56	770.38	1,500.51	1,179.33	1,980.67
2006	997.61	4,066.67	1,014.50	1,103.24	2,197.94	903.72	1,446.97	833.76	1,736.10	1,313.39	2,292.69
2007	1,148.00	4,645.60	1,188.72	1,274.70	2,532.14	1,107.00	1,741.55	950.60	1,989.93	1,490.48	2,676.30
2008	1,232.47	5,009.62	1,302.03	1,383.89	2,796.86	1,248.79	1,934.71	1,016.16	2,182.57	1,630.26	2,978.64
2009	1,284.91	5,213.41	1,377.24	1,448.94	2,969.15	1,351.78	2,037.86	1,055.04	2,302.15	1,690.88	3,168.40
2010	1,330.25	5,368.88	1,446.45	1,503.61	3,129.96	1,451.60	2,126.40	1,085.70	2,448.09	1,744.79	3,332.72
2011	1,378.80	5,537.84	1,519.11	1,553.00	3,298.54	1,554.15	2,229.14	1,121.00	2,538.65	1,796.90	3,465.93
2012	1,434.99	5,707.88	1,586.17	1,604.66	3,475.01	1,635.28	2,318.50	1,154.62	2,637.02	1,831.42	3,606.36
Prob. of Negative Ending Cash (%)											
2007	76	57	6	7	1	72	82	75	17	39	3
2008	68	64	6	9	1	14	54	71	6	29	2
2009	55	64	4	5	1	3	42	58	6	41	1
2010	51	76	3	6	1	1	49	52	3	42	1
2011	48	78	3	6	1	1	50	51	2	47	4
2012	45	84	7	8	1	1	58	50	2	59	4
Prob. of Decreasing Real Net Worth Over 2005-2012 (%)											
2007-2012 Average	1	1	1	1	1	1	1	3	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

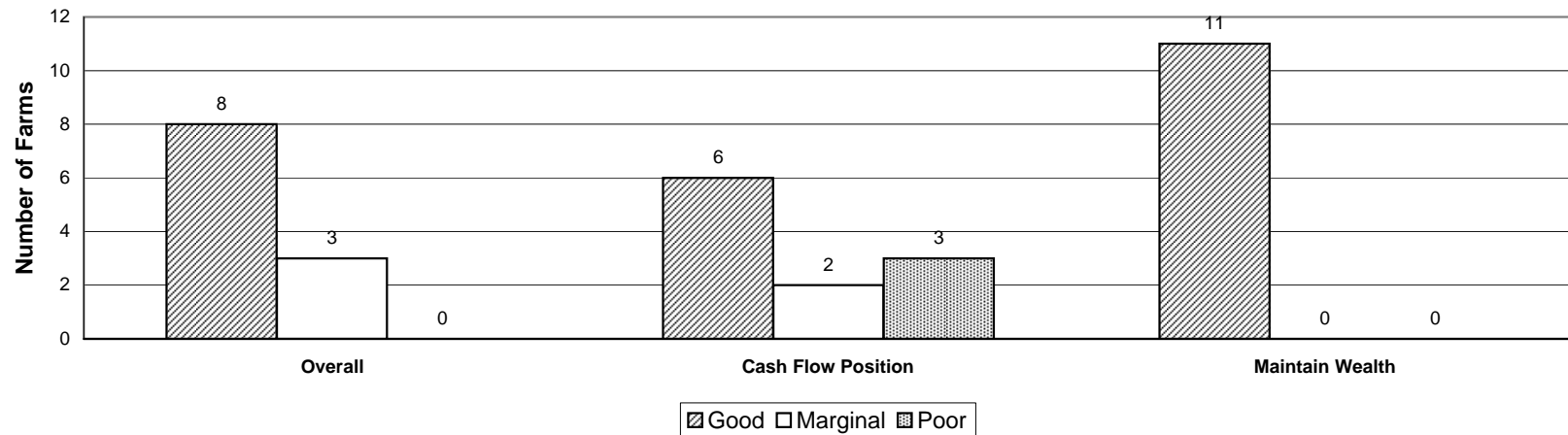
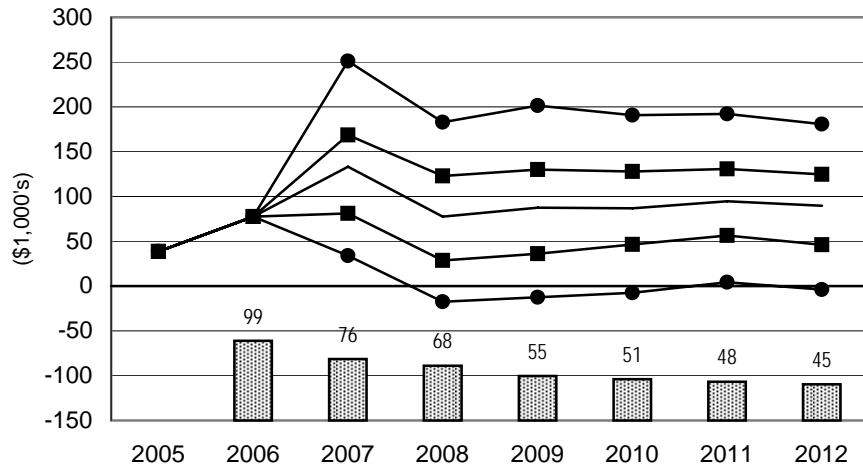


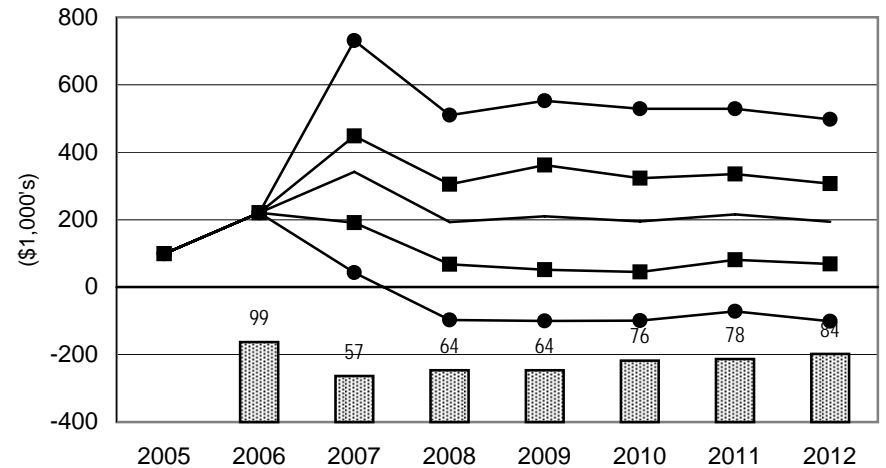
Figure 18. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Wheat Farms

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

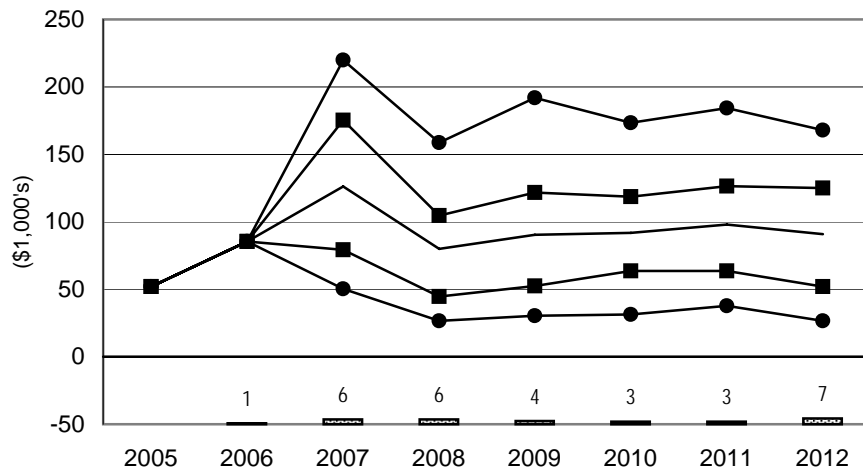
WAW1725 Washington Wheat Farm



WAW5000 Large Washington Wheat Farm



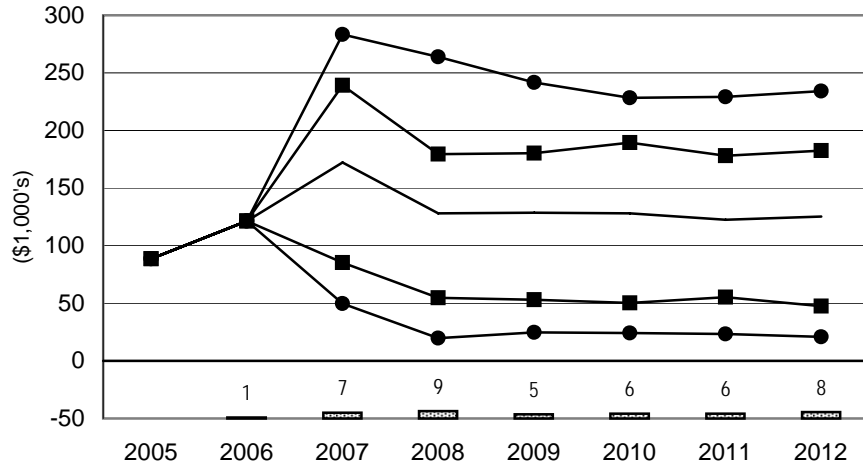
WAAW3500 Southern Washington Wheat Farm



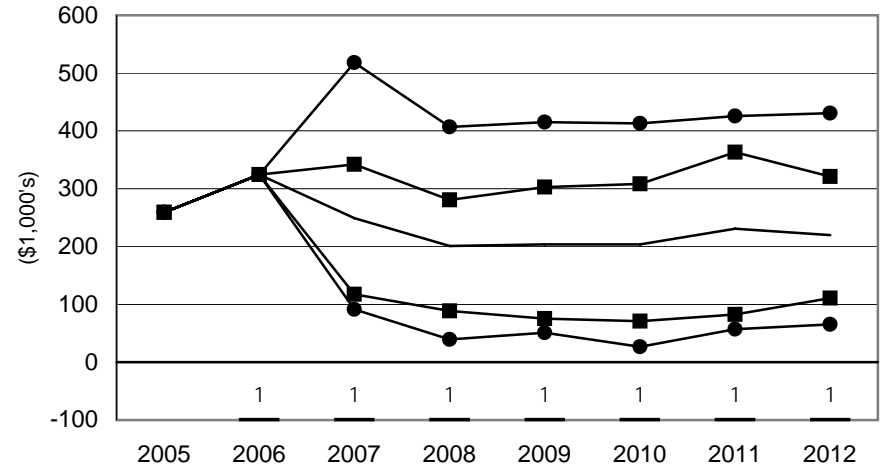
**Figure 19. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Wheat Farms**

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

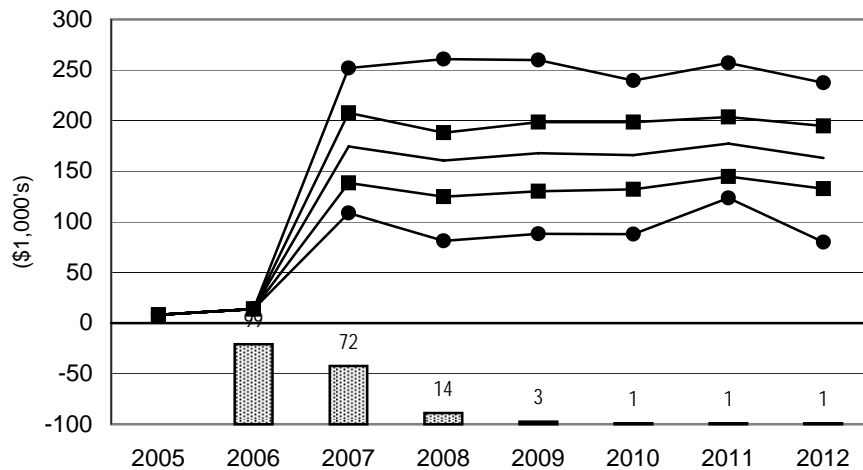
ORW4000 Oregon Wheat Farm



MTW4500 Montana Wheat Farm



COW3000 Colorado Wheat Farm



COW5640 Large Colorado Wheat Farm

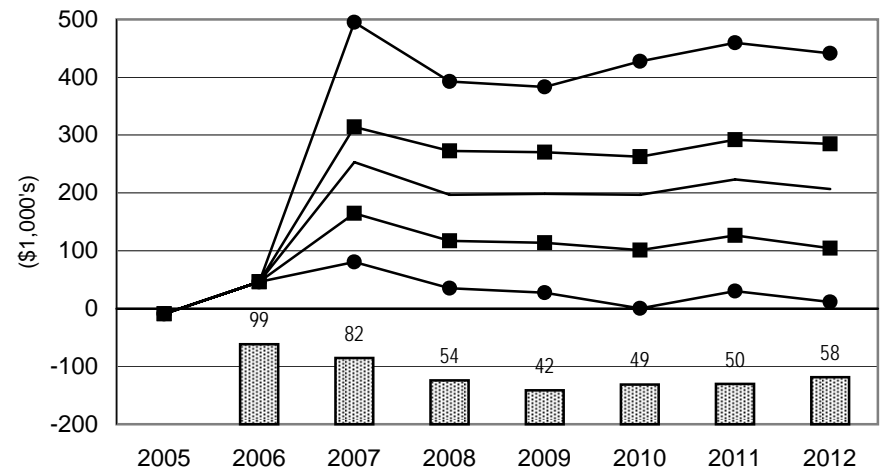
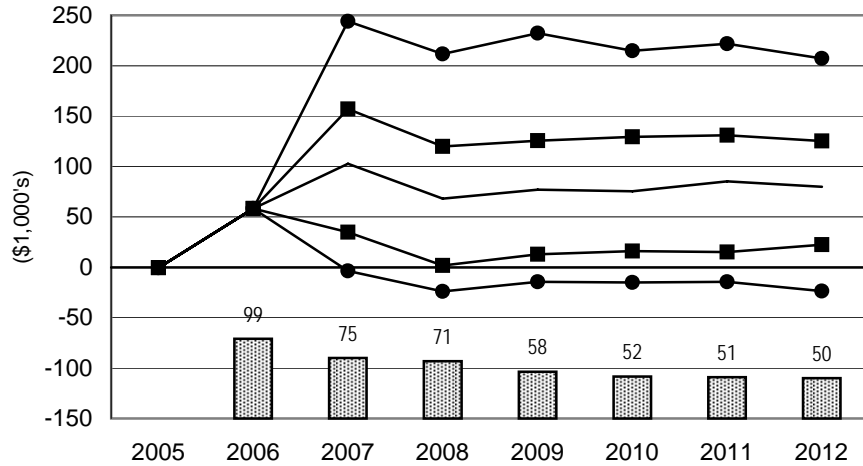


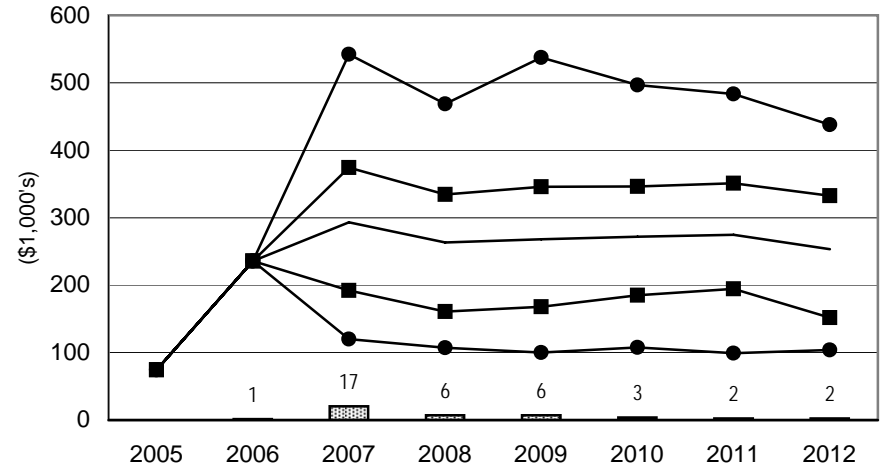
Figure 20. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Wheat Farms

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

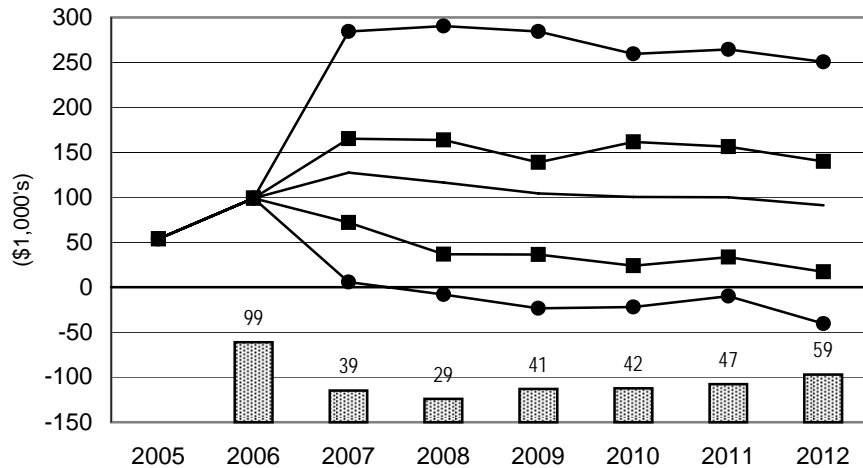
KSCW1600 Central Kansas Wheat Farm



KSCW4000 Large Central Kansas Wheat Farm



KSNW2800 Northwest Kansas Wheat Farm



KSNW5000 Large Northwest Kansas Wheat Farm

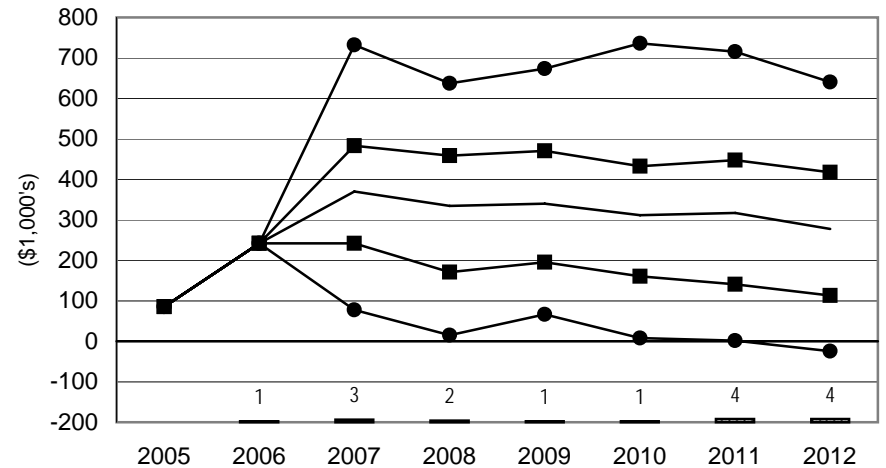


Figure 21. Representative Farms Producing Cotton

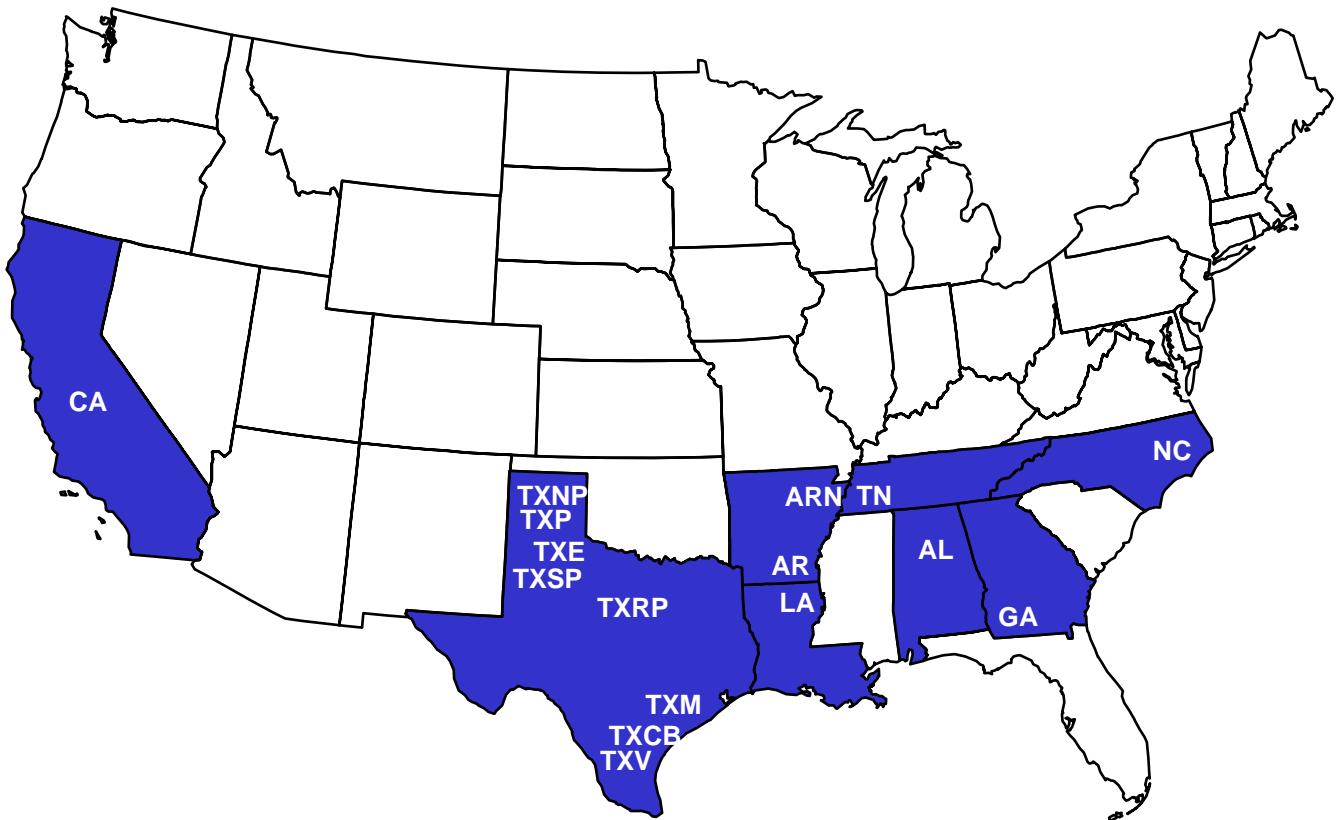


Table 7. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Cotton.

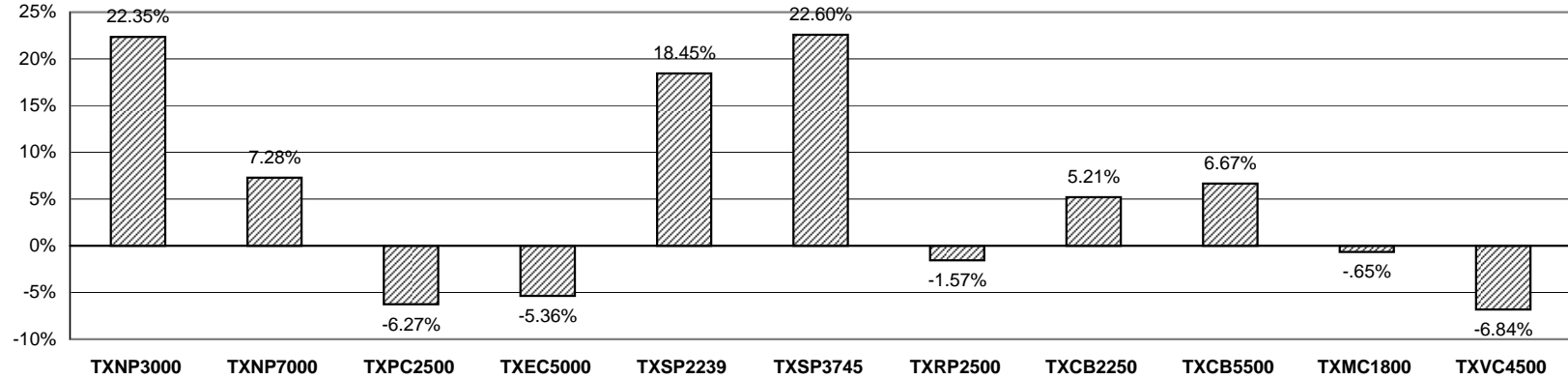
	TXNP3000	TXNP7000	TXSP2239	TXSP3745	TXPC2500	TXEC5000	TXRP2500	TXMC1800	TXCB2250	TXCB5500	TXVC4500
Overall Financial Position											
2007-2012 Ranking	Poor	Poor	Poor	Poor	Good	Marginal	Marginal	Marginal	Poor	Poor	Good
Change Real Net Worth (%)											
2007-2012 Average	-60.83	2.19	-6.12	-2.81	4.15	2.50	5.34	4.97	1.77	-5.38	7.23
NIA to Maintain Real Net Worth (%/Rec.)											
2007-2012 Average	9.55	-1.76	6.03	3.02	-12.77	-4.20	-9.19	-5.77	-4.41	1.75	-16.32
NIA for Zero Ending Cash Balance (%/Rec.)											
2007-2012 Average	22.35	7.28	18.45	22.60	-6.27	-5.36	-1.57	-0.65	5.21	6.67	-6.83
Govt Payments/Receipts (%)											
2007-2012 Average	7.34	7.31	17.61	17.44	12.76	16.43	17.13	14.08	15.41	14.28	15.17
Cost to Receipts Ratio (%)											
2007-2012 Average	102.30	94.34	105.32	105.04	84.00	85.36	87.00	86.19	92.61	96.32	80.60
Total Cash Receipts (\$1000)											
2005	1,081.18	2,452.72	542.71	927.11	1,429.39	2,103.76	444.33	497.91	658.32	1,542.72	1,381.11
2006	1,160.14	2,650.41	542.90	927.83	1,157.65	1,503.68	245.62	635.38	711.17	1,675.63	1,068.76
2007	1,236.30	2,738.24	583.49	995.97	1,370.01	1,555.15	361.12	672.07	739.15	1,709.14	1,639.42
2008	1,299.39	2,903.03	617.81	1,050.12	1,345.84	1,637.81	379.47	740.39	815.91	1,827.10	1,696.61
2009	1,310.98	2,944.49	612.92	1,044.11	1,341.99	1,622.97	381.48	729.51	800.53	1,836.13	1,677.38
2010	1,293.72	2,896.19	608.70	1,040.54	1,346.64	1,645.85	377.44	733.13	798.16	1,848.22	1,693.41
2011	1,337.48	2,997.77	627.06	1,070.10	1,410.97	1,676.26	378.52	771.65	856.06	1,884.22	1,772.19
2012	1,331.13	2,986.71	620.18	1,063.62	1,372.42	1,691.28	380.60	737.73	803.12	1,828.00	1,700.96
2007-2012 Average	1,301.50	2,911.07	611.69	1,044.08	1,364.64	1,638.22	376.44	730.75	802.15	1,822.13	1,696.66
Government Payments (\$1000)											
2005	191.38	462.80	175.88	299.54	318.95	526.98	114.97	151.85	210.61	443.00	384.67
2006	150.32	357.70	164.04	280.24	288.19	423.64	70.60	173.32	177.06	379.66	304.88
2007	105.60	220.14	133.99	229.54	227.71	330.26	75.73	117.67	144.29	311.43	325.70
2008	81.24	183.88	95.03	162.67	157.37	241.63	59.01	92.83	110.52	239.47	242.89
2009	93.72	200.87	88.09	150.14	158.28	221.40	54.72	90.48	103.90	223.56	237.39
2010	87.34	199.89	90.85	154.42	156.72	230.74	53.30	88.65	104.24	227.76	231.02
2011	96.14	215.75	89.55	152.63	158.92	228.95	56.33	93.79	109.96	242.20	241.07
2012	88.91	195.46	87.33	149.09	152.63	223.23	53.47	87.89	102.16	223.67	227.60
2007-2012 Average	92.16	202.67	97.47	166.41	168.60	246.04	58.76	95.22	112.51	244.68	250.94
Net Cash Farm Income (\$1000)											
2005	-64.80	-14.94	30.35	46.21	520.56	840.75	125.49	-8.00	26.20	38.31	179.58
2006	-62.26	55.61	3.64	-1.58	126.02	169.63	-15.77	72.53	65.99	98.48	214.34
2007	-2.35	155.89	27.97	39.67	274.80	255.78	74.01	100.60	88.26	112.55	367.72
2008	25.21	250.12	42.58	64.65	237.81	310.54	82.42	153.25	135.95	180.45	401.12
2009	13.79	264.14	25.42	36.13	225.32	278.95	85.66	140.60	115.59	173.91	374.69
2010	-18.75	202.14	9.04	3.47	213.85	286.96	80.34	133.59	98.89	136.59	371.02
2011	-8.05	263.98	13.38	7.11	264.56	304.27	78.25	158.94	122.55	98.49	408.20
2012	-31.34	238.61	-8.13	-17.58	225.37	299.86	80.82	127.17	80.28	56.76	349.63
2007-2012 Average	-3.58	229.15	18.38	22.24	240.28	289.39	80.25	135.69	106.92	126.46	378.73
Ending Cash Reserves (\$1000)											
2005	-194.29	-255.02	-49.15	-88.78	290.02	353.28	43.40	-88.82	-55.99	-92.88	41.89
2006	-393.77	-506.94	-130.05	-242.22	246.17	281.20	-33.59	-101.27	-79.21	-149.20	24.18
2007	-542.38	-681.53	-217.60	-386.79	295.45	252.32	-40.99	-127.40	-96.52	-221.01	104.19
2008	-659.70	-766.34	-262.78	-466.37	345.59	309.03	-27.89	-54.63	-56.77	-205.02	225.01
2009	-832.52	-870.74	-333.25	-601.86	365.65	299.32	-19.05	-14.49	-55.47	-217.99	310.40
2010	-1,026.29	-988.39	-429.14	-811.45	365.68	340.15	-2.53	-9.41	-97.38	-307.13	374.44
2011	-1,209.15	-1,068.07	-520.07	-1,013.45	393.09	369.63	12.08	17.38	-138.00	-491.80	477.35
2012	-1,431.92	-1,102.45	-629.09	-1,215.18	386.28	383.84	32.21	25.84	-212.70	-698.19	509.13
Nominal Net Worth (\$1000)											
2005	494.46	1,850.54	686.68	1,633.84	2,011.23	1,395.45	466.07	658.36	833.28	811.18	1,939.79
2006	367.42	1,840.81	681.97	1,689.07	2,087.61	1,401.35	419.89	671.33	903.17	812.28	2,106.49
2007	271.55	1,873.47	692.53	1,778.47	2,358.18	1,471.07	466.12	701.94	988.84	823.29	2,437.37
2008	192.52	1,939.17	693.46	1,832.30	2,540.81	1,551.55	507.52	779.27	1,080.02	875.32	2,728.56
2009	66.45	1,999.64	650.63	1,780.04	2,643.76	1,570.25	535.49	815.79	1,104.86	883.48	2,921.60
2010	-79.52	2,019.62	586.97	1,670.57	2,742.46	1,636.75	571.94	833.07	1,100.55	845.30	3,122.55
2011	-209.83	2,054.84	526.43	1,583.50	2,859.61	1,666.99	591.30	876.39	1,122.14	736.35	3,350.98
2012	-371.80	2,147.69	456.06	1,494.34	2,956.02	1,698.08	618.33	915.02	1,102.82	616.20	3,502.35
Prob. of Negative Ending Cash (%)											
2007	99	96	99	99	1	1	71	77	68	80	33
2008	99	90	91	93	1	10	63	62	58	74	19
2009	99	86	87	96	5	21	54	55	58	67	15
2010	99	89	87	98	13	16	50	52	62	69	17
2011	99	85	93	97	10	24	48	51	62	77	13
2012	99	88	92	98	14	23	43	49	73	82	16
Prob. of Decreasing Real Net Worth Over 2005-2012 (%)											
2007-2012 Average	98	47	69	61	1	6	19	37	31	63	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
Overall Financial Position									
2007-2012 Ranking	Marginal	Marginal	Poor	Poor	Good	Poor	Marginal	Good	Good
Change Real Net Worth (%)									
2007-2012 Average	4.44	4.33	-1.70	-1.68	8.29	-0.99	2.22	5.03	3.80
NIA to Maintain Real Net Worth (%/Rec.)									
	-16.42	-3.80	0.60	0.54	-34.11	-0.98	-2.59	-16.38	-26.28
NIA for Zero Ending Cash Balance (%/Rec.)									
	0.72	-1.06	21.82	20.14	-22.24	21.23	-1.76	-5.93	-10.90
Govt Payments/Receipts (%)									
2007-2012 Average	2.69	15.69	12.08	13.77	12.30	15.26	18.67	14.94	14.22
Cost to Receipts Ratio (%)									
2007-2012 Average	95.03	87.27	100.08	100.44	66.92	104.99	81.79	83.44	73.74
Total Cash Receipts (\$1000)									
2005	6,379.93	1,259.39	3,041.31	2,851.94	895.52	1,651.58	1,291.26	1,788.43	909.97
2006	6,384.80	1,345.34	3,219.80	2,828.58	932.97	1,698.10	923.32	1,970.41	870.61
2007	6,475.34	1,442.50	3,332.51	2,873.23	961.22	1,866.21	1,073.08	1,851.47	840.88
2008	6,475.24	1,504.27	3,446.10	3,079.71	1,039.60	1,929.39	1,276.54	1,959.48	824.97
2009	6,330.28	1,473.53	3,431.09	2,995.09	1,033.61	1,906.16	1,245.34	1,938.24	811.43
2010	6,193.04	1,480.52	3,413.02	3,045.24	1,028.10	1,900.26	1,233.00	1,964.02	816.48
2011	6,436.77	1,549.61	3,517.21	3,072.34	1,065.24	1,951.04	1,307.73	2,007.86	856.99
2012	6,322.26	1,470.32	3,455.53	3,063.71	1,047.53	1,854.61	1,267.31	2,014.46	826.84
2007-2012 Average	6,372.15	1,486.79	3,432.58	3,021.55	1,029.22	1,901.28	1,233.83	1,955.92	829.60
Government Payments (\$1000)									
2005	330.82	386.64	729.72	754.89	211.68	473.13	417.22	482.25	225.60
2006	300.40	298.56	547.65	683.98	176.53	422.75	330.90	497.87	198.47
2007	232.54	273.60	475.32	532.73	146.32	382.18	270.32	393.19	148.57
2008	148.50	227.51	393.90	372.30	115.73	287.92	225.22	282.36	115.33
2009	130.20	216.01	386.05	346.07	109.95	269.71	198.40	258.93	108.07
2010	139.08	210.07	386.29	359.72	109.26	271.24	194.84	260.74	104.37
2011	139.70	220.90	391.91	353.78	113.25	275.34	204.92	265.68	108.73
2012	138.99	203.18	372.76	336.07	104.83	253.11	193.25	258.76	102.11
2007-2012 Average	154.83	225.21	401.04	383.45	116.56	289.92	214.49	286.61	114.53
Net Cash Farm Income (\$1000)									
2005	968.21	111.14	149.95	285.04	282.29	45.58	326.49	274.32	267.24
2006	792.57	137.95	126.53	138.66	289.12	0.05	-24.17	378.72	220.62
2007	825.30	216.44	146.50	132.07	314.53	94.89	146.72	287.47	164.66
2008	752.48	256.40	167.74	240.75	381.59	100.75	315.39	355.33	239.48
2009	559.37	205.05	83.34	103.91	365.92	24.66	278.06	321.89	211.87
2010	393.58	192.37	-5.22	81.50	361.47	-30.94	255.08	331.43	207.21
2011	538.20	248.08	21.11	34.38	377.40	-24.10	310.26	353.95	242.38
2012	414.55	156.26	-102.11	-36.74	363.12	-142.38	252.59	343.17	216.28
2007-2012 Average	580.58	212.43	51.89	92.65	360.67	3.81	259.68	332.21	230.31
Ending Cash Reserves (\$1000)									
2005	328.39	24.41	-357.26	-98.25	130.81	-148.66	154.86	126.76	131.76
2006	454.38	4.52	-668.35	-446.80	202.72	-316.16	-53.27	266.16	191.99
2007	460.51	36.96	-1,085.86	-831.04	300.66	-478.42	-100.89	326.59	247.05
2008	497.54	125.18	-1,382.08	-1,025.43	455.58	-599.66	52.75	400.56	317.51
2009	357.77	132.04	-1,884.72	-1,483.35	565.49	-910.96	126.48	421.42	335.33
2010	135.58	87.33	-2,508.43	-1,915.43	679.33	-1,309.29	147.33	432.77	336.91
2011	-56.32	126.39	-3,098.91	-2,406.76	754.78	-1,702.07	177.34	441.76	342.46
2012	-196.35	72.09	-3,753.16	-2,958.02	855.06	-2,134.63	106.40	427.17	320.46
Nominal Net Worth (\$1000)									
2005	10,005.90	659.19	4,416.34	3,908.84	1,676.53	3,218.60	1,504.77	2,854.08	2,275.79
2006	11,547.99	705.65	5,113.22	4,553.32	1,991.45	3,485.74	1,309.36	3,354.69	2,548.64
2007	13,264.14	780.79	5,512.86	4,919.79	2,329.30	3,802.83	1,293.00	3,783.18	2,825.69
2008	14,623.73	874.03	5,696.93	5,115.16	2,646.62	4,015.43	1,387.51	4,164.85	3,042.50
2009	15,240.63	902.64	5,564.89	4,965.00	2,852.01	3,931.33	1,435.68	4,380.79	3,152.74
2010	15,708.48	909.78	5,371.05	4,875.65	3,076.00	3,802.34	1,447.86	4,587.34	3,256.67
2011	16,273.00	1,003.25	5,238.87	4,701.85	3,291.42	3,708.25	1,491.65	4,765.69	3,382.02
2012	16,858.34	981.18	4,978.32	4,450.69	3,501.24	3,599.76	1,466.72	4,946.20	3,483.95
Prob. of Negative Ending Cash (%)									
2007	25	29	99	98	1	94	69	1	1
2008	26	29	99	94	1	93	39	1	1
2009	35	25	99	95	1	94	31	1	1
2010	43	42	99	95	1	99	34	1	1
2011	49	32	99	95	1	99	30	1	2
2012	47	43	99	98	1	99	33	1	5
Prob. of Decreasing Real Net Worth Over 2005-2012 (%)									
	1	17	46	40	1	44	33	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

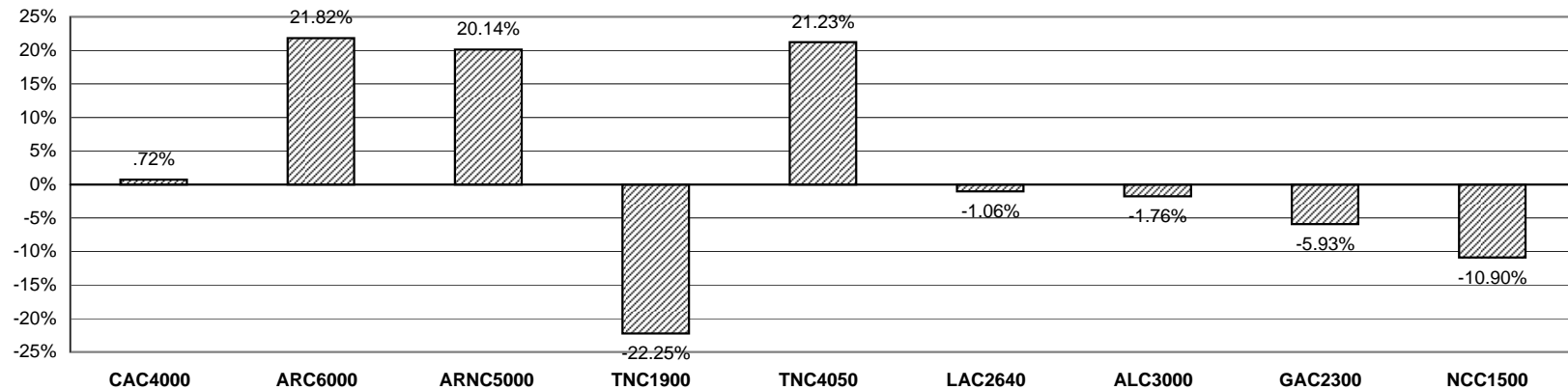
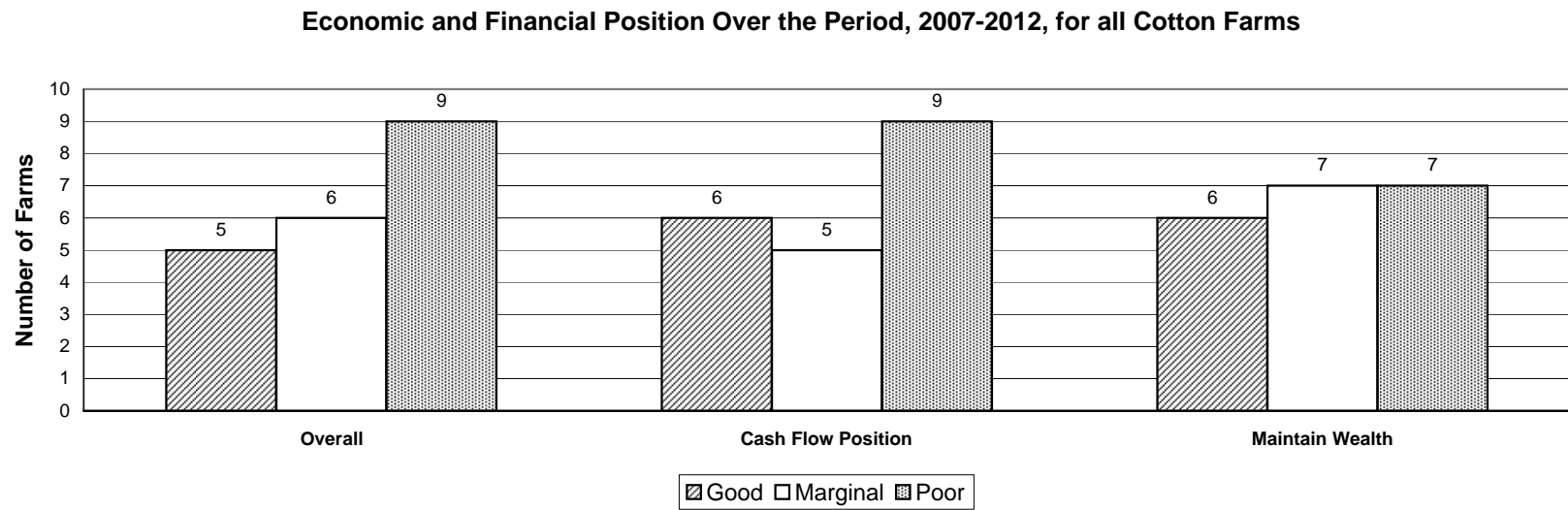


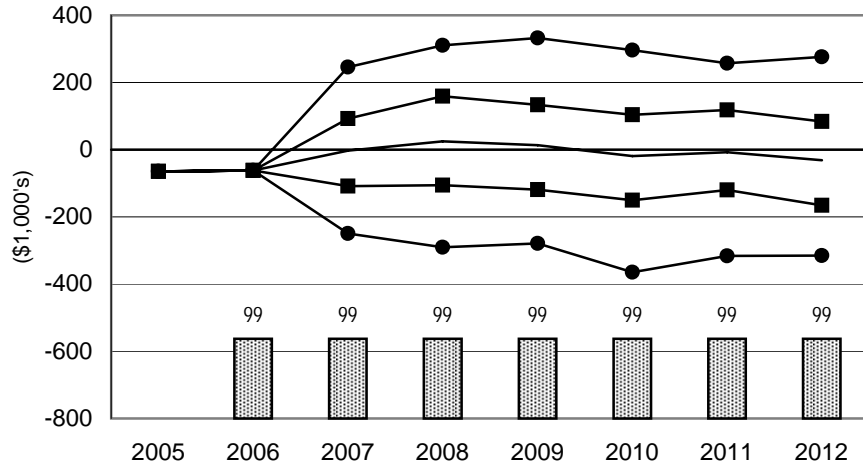
Figure 23. Cotton Farms



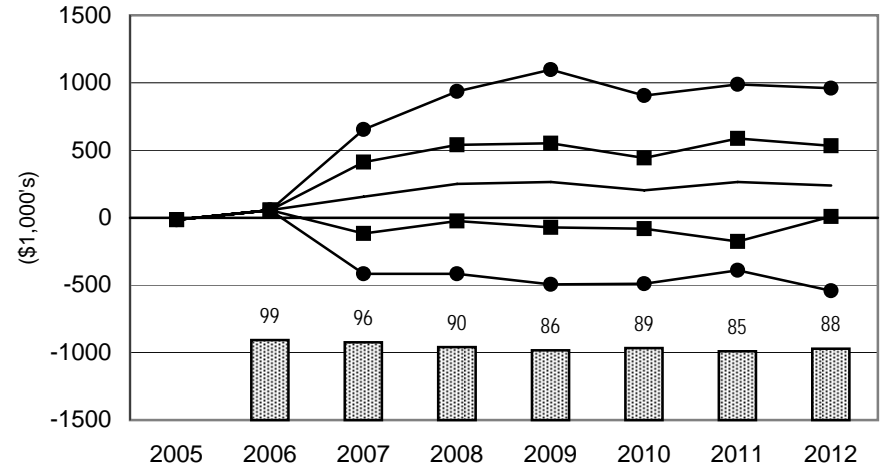
**Figure 24. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Cotton Farms**

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

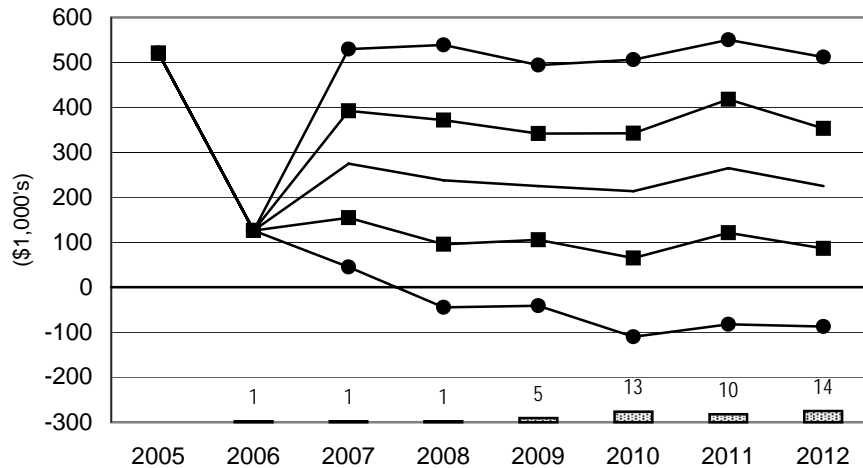
TXNP3000 Texas North Plains Cotton Farm



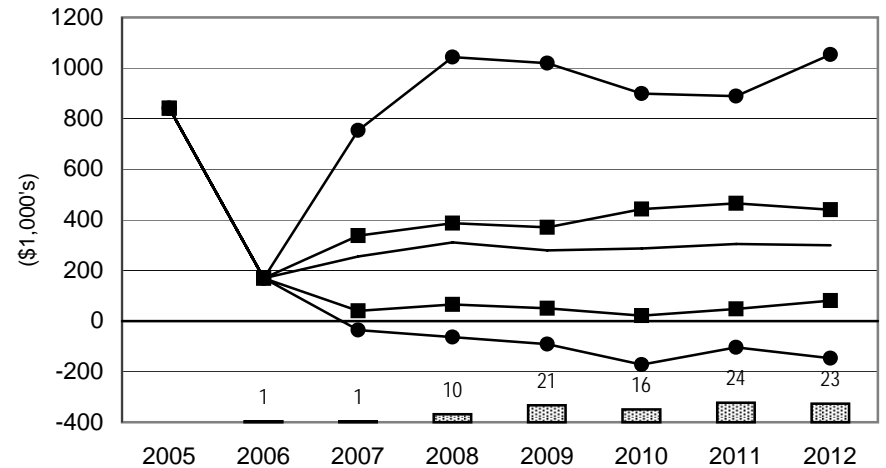
TXNP7000 Large Texas North Plains Cotton Farm



TXPC2500 Texas Panhandle Cotton Farm



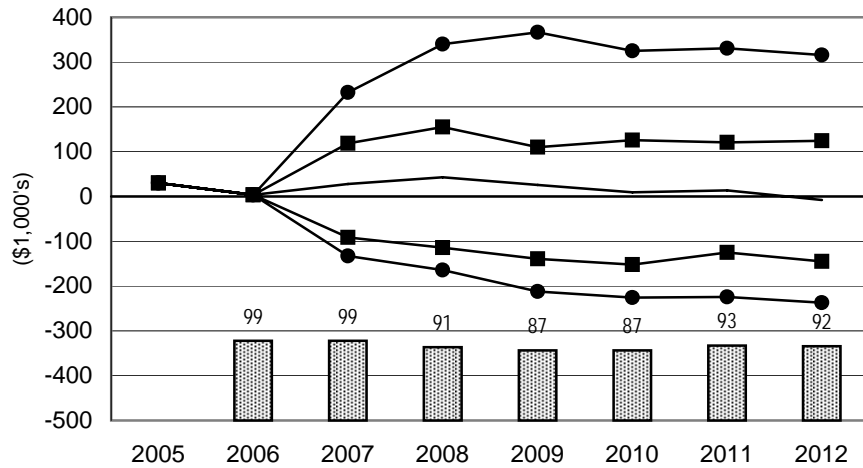
TXEC5000 Texas Eastern Caprock Cotton Farm



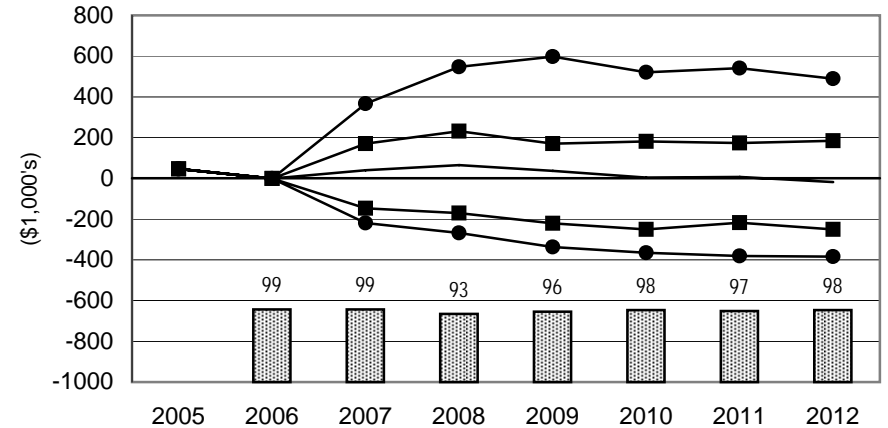
**Figure 25. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Cotton Farms**

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

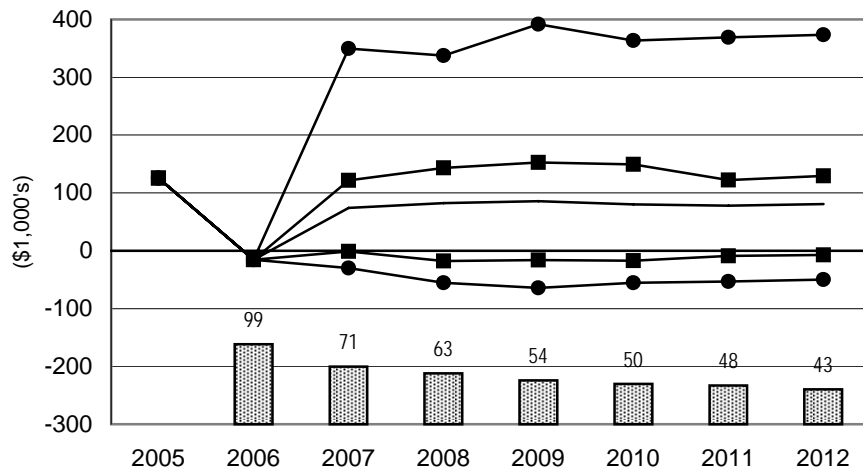
TXSP2239 Texas Southern Plains Cotton Farm



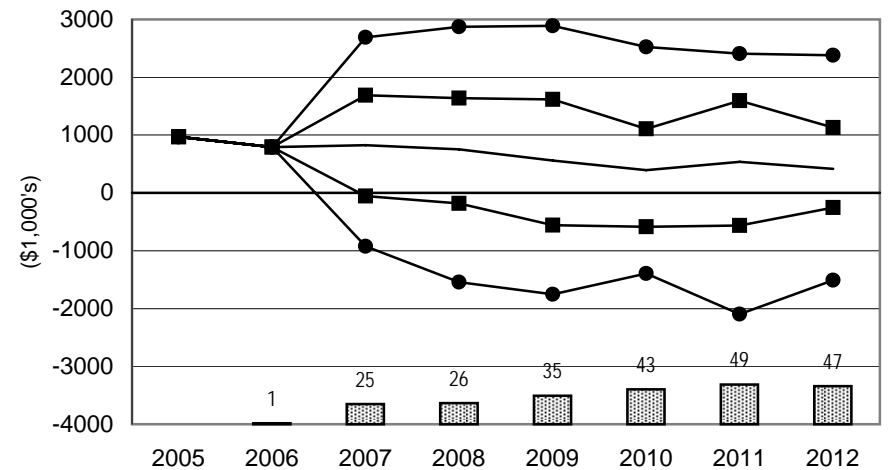
TXSP3745 Large Texas Southern Plains Cotton Farm



TXRP2500 Texas Rolling Plains Cotton Farm



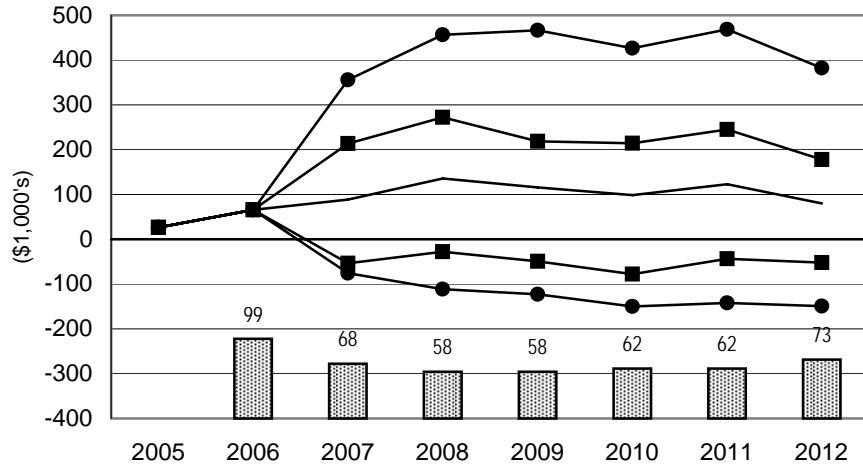
CAC4000 California Cotton Farm



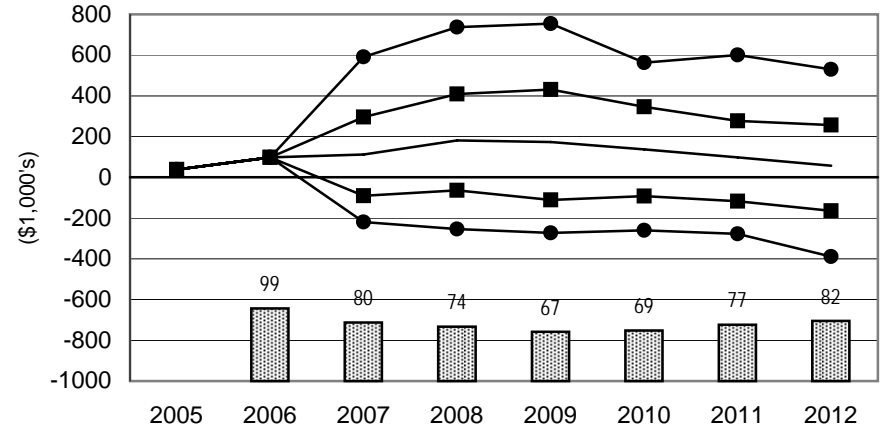
**Figure 26. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Cotton Farms**

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

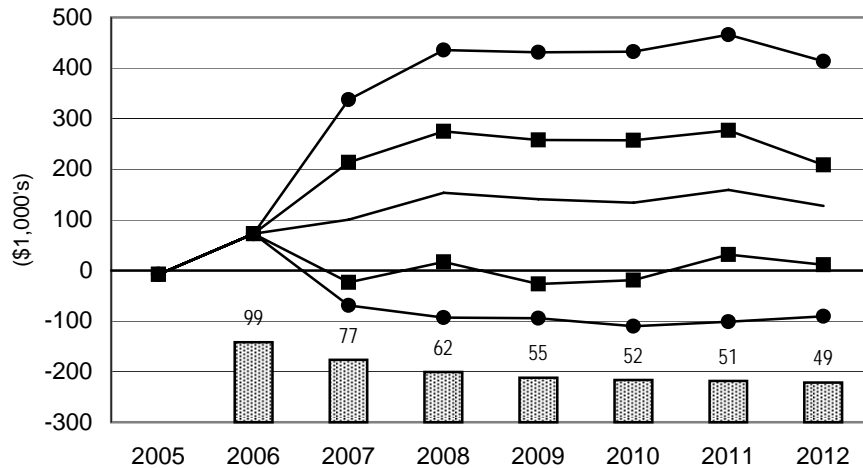
TXCB2250 Texas Coastal Bend Cotton Farm



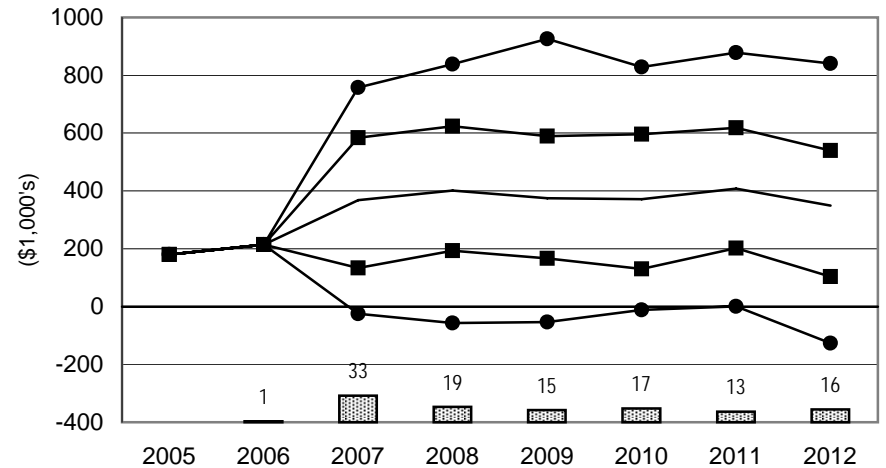
TXCB5500 Large Texas Coastal Bend Cotton Farm



TXMC1800 Texas Mid-Coast Cotton Farm



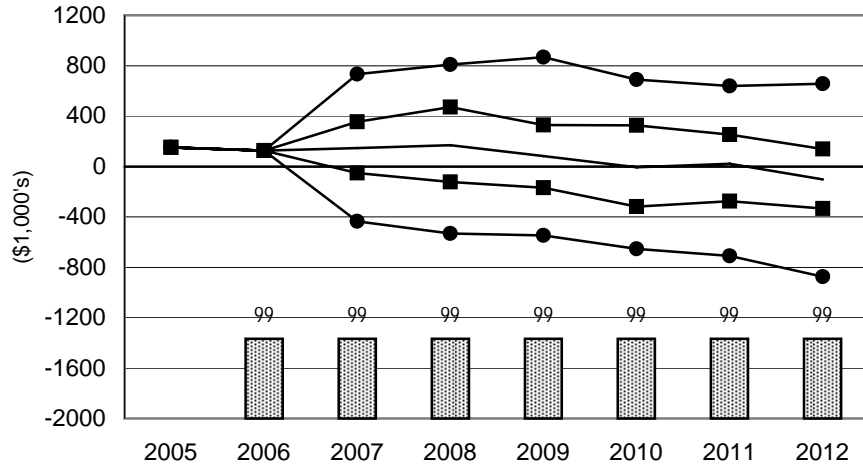
TXVC4500 Texas Rio Grande Valley Cotton Farm



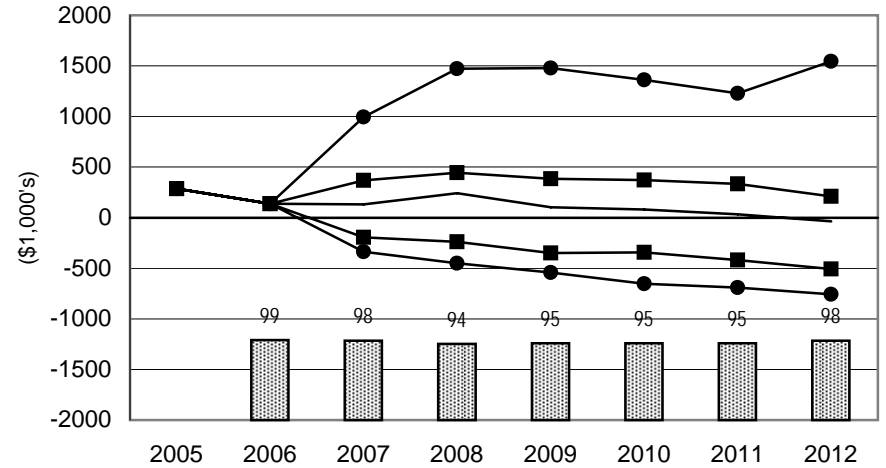
**Figure 27. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Cotton Farms**

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

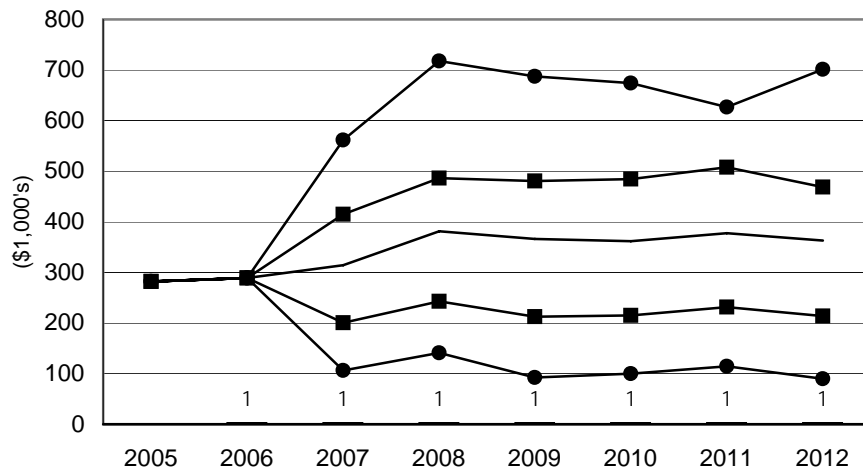
ARC6000 Arkansas Cotton Farm



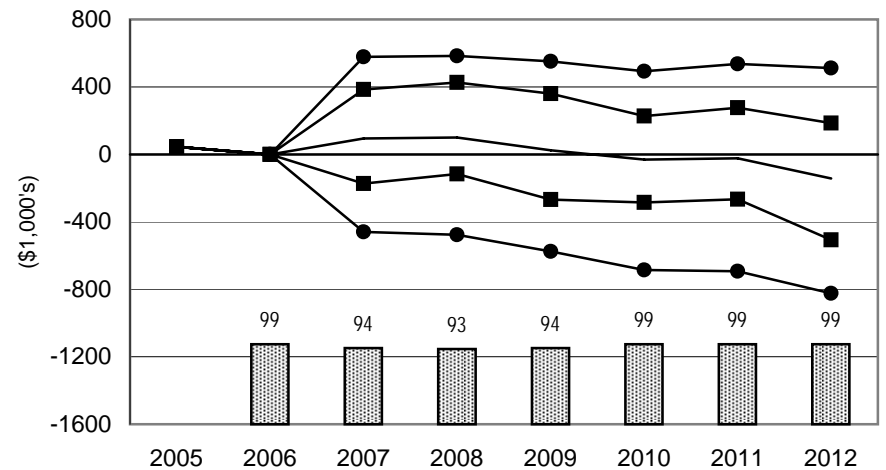
ARNC5000 Large Northern Arkansas Cotton Farm



TNC1900 Tennessee Cotton Farm



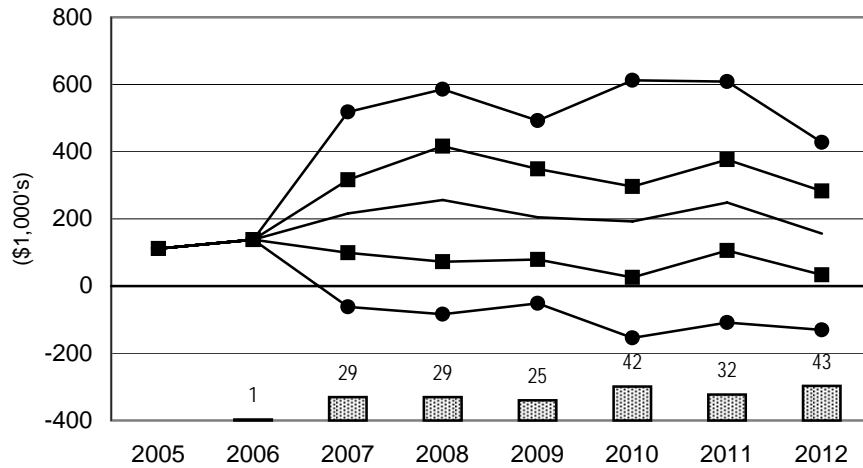
TNC4050 Large Tennessee Cotton Farm



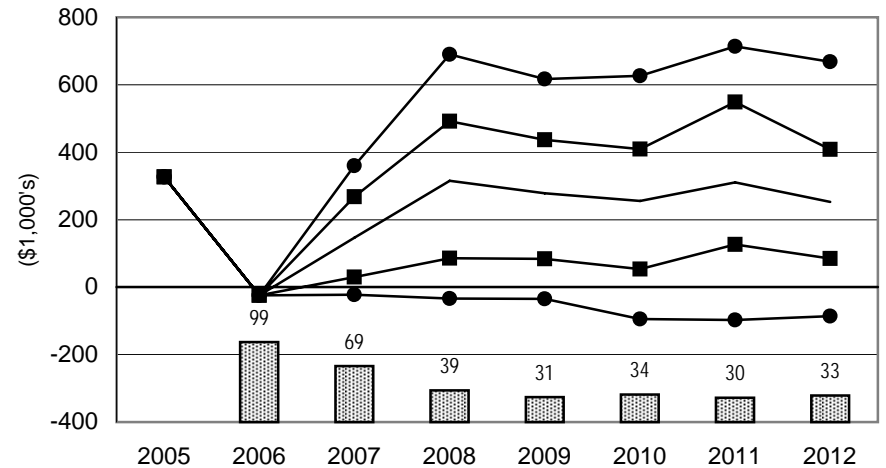
**Figure 28. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Cotton Farms**

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

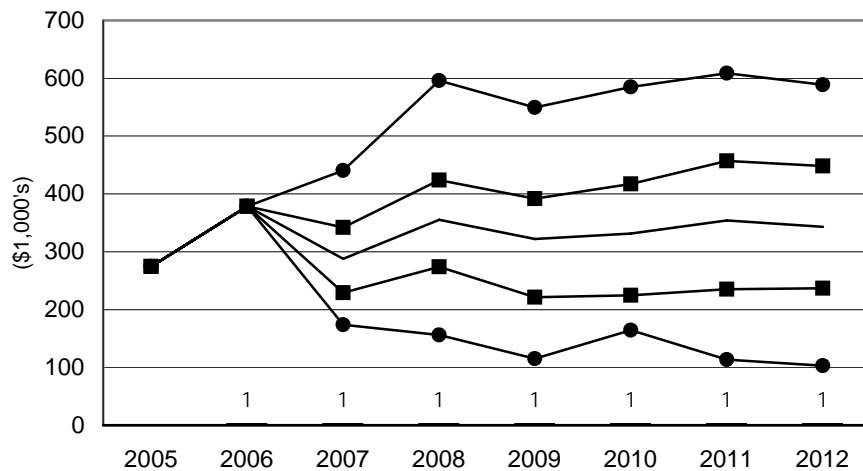
LAC2640 Louisiana Cotton Farm



ALC3000 Alabama Cotton Farm



GAC2300 Georgia Cotton Farm



NCC1500 North Carolina Cotton Farm

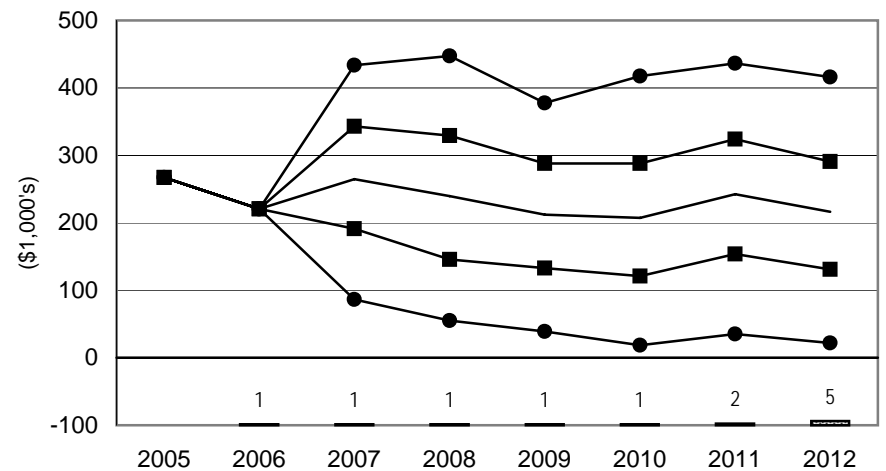


Figure 29. Representative Farms Producing Rice



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

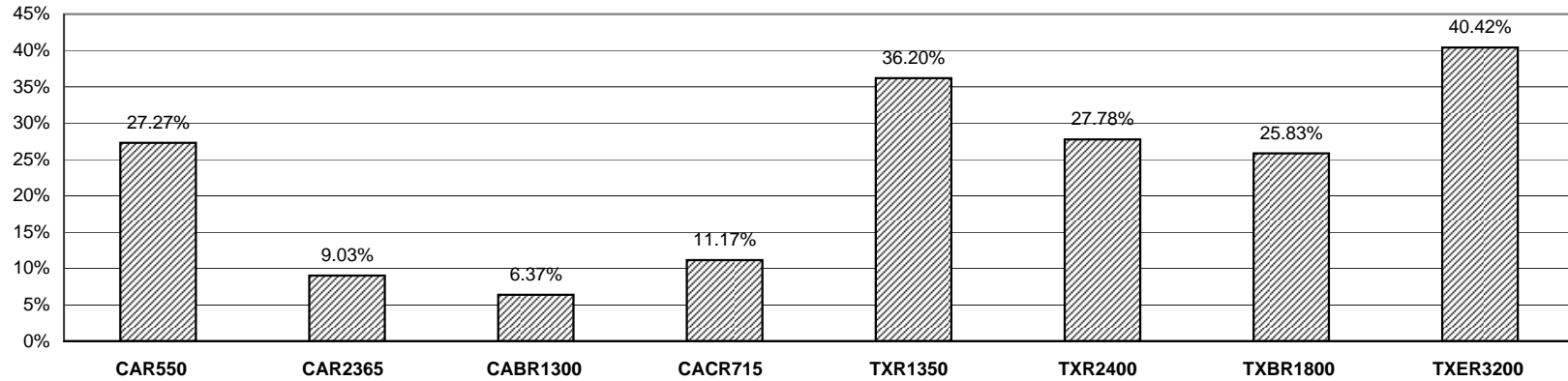
	CAR550	CAR2365	CABR1300	CACR715	TXR1350	TXR2400	TXBR1800	TXER3200
Overall Financial Position								
2007-2012 Ranking	Poor	Marginal	Marginal	Marginal	Poor	Poor	Poor	Poor
Change Real Net Worth (%)								
2007-2012 Average	-1.84	2.29	3.20	2.01	-6.84	-34.28	-20.86	-58.84
NIA to Maintain Real Net Worth (%/Rec.)								
	1.57	-8.13	-13.91	-8.84	11.79	18.12	14.45	21.91
NIA for Zero Ending Cash Balance (%/Rec.)								
	27.27	9.03	6.36	11.17	36.20	27.78	25.83	40.42
Govt Payments/Receipts (%)								
2007-2012 Average	14.48	12.12	13.89	13.39	14.65	12.67	12.75	14.27
Cost to Receipts Ratio (%)								
2007-2012 Average	114.83	105.57	96.41	107.56	116.24	114.92	110.17	125.64
Total Cash Receipts (\$1000)								
2005	506.80	2,394.75	1,236.68	725.23	363.97	753.08	623.95	997.00
2006	483.65	2,318.28	1,299.13	752.02	393.38	825.09	681.74	1,091.60
2007	519.84	2,400.68	1,286.98	734.78	381.05	800.45	659.78	1,059.62
2008	523.83	2,419.29	1,300.08	738.89	389.70	819.62	674.96	1,075.72
2009	524.32	2,421.50	1,305.55	740.04	385.00	809.41	664.12	1,073.11
2010	531.60	2,455.15	1,319.69	751.44	388.50	817.14	676.42	1,088.17
2011	545.75	2,520.45	1,354.72	769.85	392.63	825.99	688.52	1,127.13
2012	529.66	2,446.12	1,312.06	748.03	388.61	817.24	671.37	1,088.44
2007-2012 Average	529.16	2,443.86	1,313.18	747.17	387.58	814.97	672.53	1,085.37
Government Payments (\$1000)								
2005	118.01	488.79	248.52	157.85	97.74	183.23	153.18	264.17
2006	73.84	286.81	146.83	96.13	59.14	105.98	89.58	158.71
2007	65.04	248.82	154.53	84.38	52.16	93.34	79.01	141.20
2008	66.58	255.82	158.31	86.56	53.45	96.11	81.28	145.45
2009	66.87	257.10	159.02	86.93	53.82	96.85	81.77	146.49
2010	67.83	261.49	161.41	88.28	54.48	98.31	83.09	147.50
2011	68.40	264.04	162.79	89.10	55.07	99.55	84.04	149.75
2012	67.12	258.19	159.62	87.26	53.98	97.16	82.19	145.91
2007-2012 Average	66.97	257.58	159.28	87.08	53.83	96.89	81.90	146.05
Net Cash Farm Income (\$1000)								
2005	41.96	315.62	230.26	86.02	4.86	-5.23	4.55	-84.82
2006	-9.06	162.99	219.45	77.88	7.84	19.14	23.82	-66.68
2007	11.17	203.75	203.06	55.57	-16.54	-34.15	-7.37	-137.38
2008	-0.38	181.05	185.53	40.54	-23.98	-49.54	-13.36	-170.82
2009	-8.54	156.74	184.04	30.23	-39.20	-72.03	-36.47	-203.55
2010	-12.75	151.60	193.05	31.77	-48.83	-80.85	-51.32	-236.95
2011	-9.78	180.14	199.76	35.78	-59.10	-88.77	-52.75	-242.03
2012	-54.72	78.54	151.10	9.34	-72.29	-115.72	-86.79	-320.43
2007-2012 Average	-12.50	158.64	186.09	33.87	-43.32	-73.51	-41.34	-218.53
Ending Cash Reserves (\$1000)								
2005	-67.52	37.00	78.56	1.96	-57.29	-147.04	-77.96	-187.54
2006	-183.28	-69.83	62.46	-16.92	-111.01	-232.62	-133.80	-348.40
2007	-283.27	-171.22	11.46	-61.27	-203.97	-460.46	-228.80	-689.61
2008	-366.50	-236.60	-48.01	-103.90	-290.00	-625.71	-310.54	-975.78
2009	-460.98	-380.74	-96.65	-166.37	-406.07	-817.11	-431.96	-1,311.61
2010	-546.54	-510.28	-157.92	-226.76	-535.11	-989.89	-584.21	-1,744.23
2011	-625.01	-644.45	-206.60	-294.58	-677.35	-1,182.02	-746.86	-2,140.18
2012	-792.91	-910.76	-320.91	-389.40	-818.11	-1,353.38	-967.57	-2,618.55
Nominal Net Worth (\$1000)								
2005	1,245.88	3,889.91	2,802.37	1,435.59	755.44	561.63	529.01	617.71
2006	1,277.57	4,246.57	3,099.77	1,601.21	798.64	499.27	524.47	552.27
2007	1,362.22	4,726.51	3,462.98	1,786.80	814.66	348.74	489.03	387.47
2008	1,399.45	5,079.70	3,718.37	1,912.47	802.81	190.32	436.35	184.26
2009	1,373.58	5,187.32	3,846.16	1,945.56	738.47	16.60	335.56	-81.49
2010	1,355.75	5,306.50	3,954.37	1,978.53	658.20	-123.41	222.31	-383.19
2011	1,328.26	5,406.23	4,088.16	2,004.22	571.10	-310.73	94.48	-697.82
2012	1,219.34	5,399.73	4,144.12	2,011.64	485.93	-469.52	-80.43	-1,073.29
Prob. of Negative Ending Cash (%)								
2007	99	72	29	81	99	99	98	99
2008	99	75	54	88	99	99	98	99
2009	99	85	59	93	99	99	99	99
2010	99	87	72	96	99	99	99	99
2011	99	93	80	97	99	99	99	99
2012	99	93	86	99	99	99	99	99
Prob. of Decreasing Real Net Worth Over 2005-2012 (%)								
	69	9	1	7	98	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
Overall Financial Position						
2007-2012 Ranking	Poor	Poor	Marginal	Marginal	Poor	Poor
Change Real Net Worth (%)						
2007-2012 Average	-77.81	-1.59	5.16	2.34	-11.70	-2.94
NIA to Maintain Real Net Worth (%/Rec.)						
	35.95	-0.86	-28.98	-13.40	26.75	2.85
NIA for Zero Ending Cash Balance (%/Rec.)						
	52.55	26.41	2.06	17.00	73.22	44.87
Govt Payments/Receipts (%)						
2007-2012 Average	12.25	12.57	11.62	12.87	12.47	11.81
Cost to Receipts Ratio (%)						
2007-2012 Average	141.46	103.76	79.41	83.81	136.07	117.52
Total Cash Receipts (\$1000)						
2005	364.69	1,114.43	1,831.90	1,049.62	503.04	1,368.53
2006	396.37	1,205.87	2,037.80	1,150.58	558.40	1,515.95
2007	393.68	1,237.87	2,125.66	1,240.07	588.82	1,558.18
2008	397.98	1,268.70	2,147.65	1,253.88	601.14	1,597.63
2009	402.73	1,265.53	2,118.41	1,233.61	596.91	1,575.43
2010	407.73	1,273.31	2,099.52	1,217.54	601.21	1,587.07
2011	422.83	1,325.56	2,178.03	1,280.18	633.04	1,660.12
2012	407.97	1,293.69	2,140.89	1,251.39	601.73	1,620.54
2007-2012 Average	405.49	1,277.44	2,135.03	1,246.11	603.81	1,599.83
Government Payments (\$1000)						
2005	84.21	272.16	398.86	220.10	109.05	308.81
2006	48.88	176.00	217.06	139.46	67.13	175.79
2007	44.28	159.88	221.55	140.78	67.26	165.31
2008	46.36	154.54	233.35	151.84	72.51	179.15
2009	46.90	153.43	240.25	155.73	73.55	182.23
2010	46.96	151.90	235.48	150.30	72.01	178.68
2011	48.06	157.99	239.80	157.70	75.14	185.54
2012	46.10	147.79	227.93	148.15	69.92	175.26
2007-2012 Average	46.44	154.26	233.06	150.75	71.73	177.70
Net Cash Farm Income (\$1000)						
2005	-70.40	10.50	432.58	200.25	-83.85	-97.85
2006	-73.98	38.87	524.71	242.14	-77.30	-67.96
2007	-94.91	44.26	583.64	292.36	-111.96	-85.54
2008	-112.81	29.30	573.38	290.26	-136.64	-122.83
2009	-128.22	-16.23	529.82	239.60	-170.18	-201.31
2010	-149.80	-36.69	504.37	211.82	-210.60	-242.57
2011	-157.76	-45.72	576.03	251.24	-222.53	-233.15
2012	-191.10	-106.32	543.42	190.87	-303.58	-332.46
2007-2012 Average	-139.10	-21.90	551.77	246.03	-192.58	-202.98
Ending Cash Reserves (\$1000)						
2005	-129.19	-158.68	94.37	-44.73	-188.64	-381.44
2006	-263.68	-306.85	130.93	-83.78	-384.15	-710.20
2007	-422.99	-471.74	44.26	-158.45	-722.15	-1,113.77
2008	-584.07	-657.67	54.72	-148.43	-1,006.41	-1,553.89
2009	-765.78	-922.86	-40.31	-285.00	-1,348.67	-2,136.85
2010	-970.92	-1,215.22	-143.02	-457.43	-1,789.30	-2,737.12
2011	-1,177.11	-1,598.30	-145.58	-622.99	-2,240.12	-3,329.47
2012	-1,418.74	-2,068.64	-179.21	-856.30	-2,699.87	-4,038.39
Nominal Net Worth (\$1000)						
2005	152.53	2,577.39	6,608.87	2,550.52	1,522.19	3,318.98
2006	63.47	3,211.53	7,423.48	3,236.50	1,716.91	4,185.84
2007	-56.99	3,606.52	8,340.88	3,692.43	1,689.92	4,656.79
2008	-203.34	3,754.88	9,101.65	3,992.57	1,576.81	4,761.71
2009	-373.59	3,689.36	9,520.67	4,045.51	1,360.72	4,563.39
2010	-554.54	3,612.81	9,961.71	4,087.89	1,079.35	4,375.79
2011	-757.68	3,463.61	10,486.15	4,186.90	790.84	4,173.22
2012	-993.33	3,279.88	10,957.55	4,228.09	509.60	3,856.93
Prob. of Negative Ending Cash (%)						
2007	99	99	38	87	99	99
2008	99	99	46	75	99	99
2009	99	99	51	88	99	99
2010	99	99	55	92	99	99
2011	99	99	60	95	99	99
2012	99	99	54	97	99	99
Prob. of Decreasing Real Net Worth Over 2005-2012 (%)						
	99	10	1	1	99	43

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

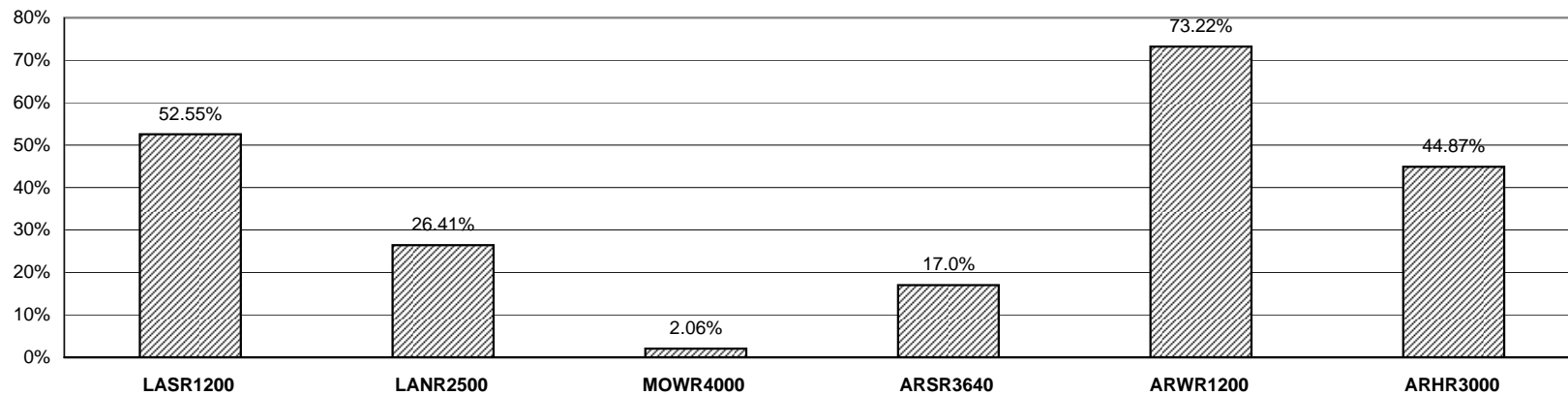
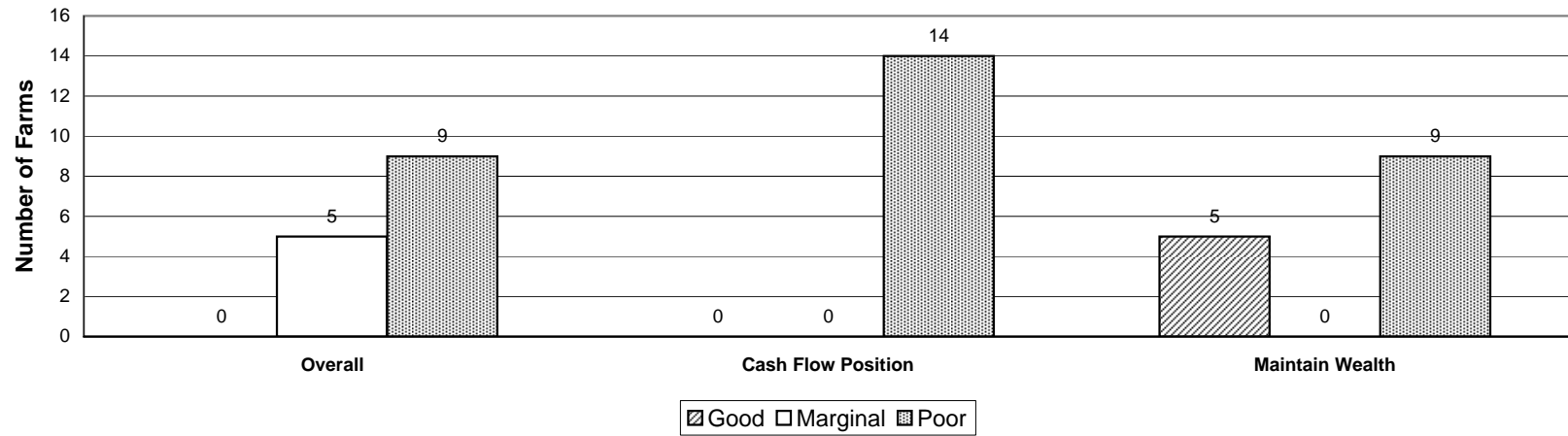


Figure 31. Rice Farms

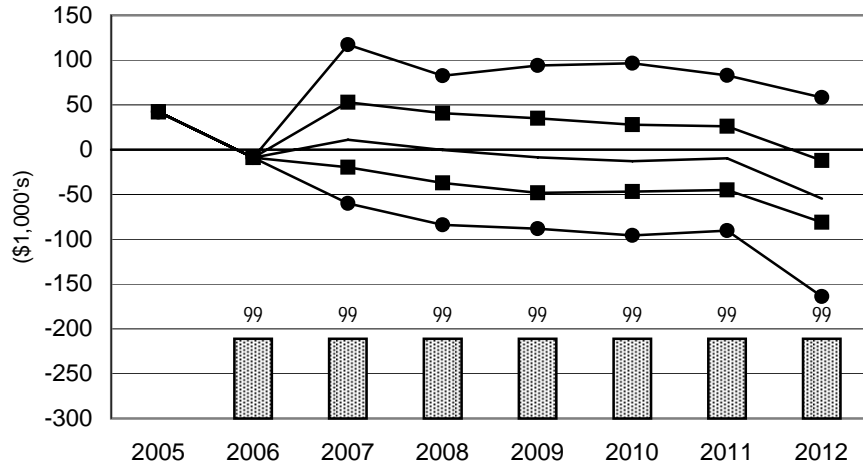
Economic and Financial Position Over the Period, 2007-2012, for all Rice Farms



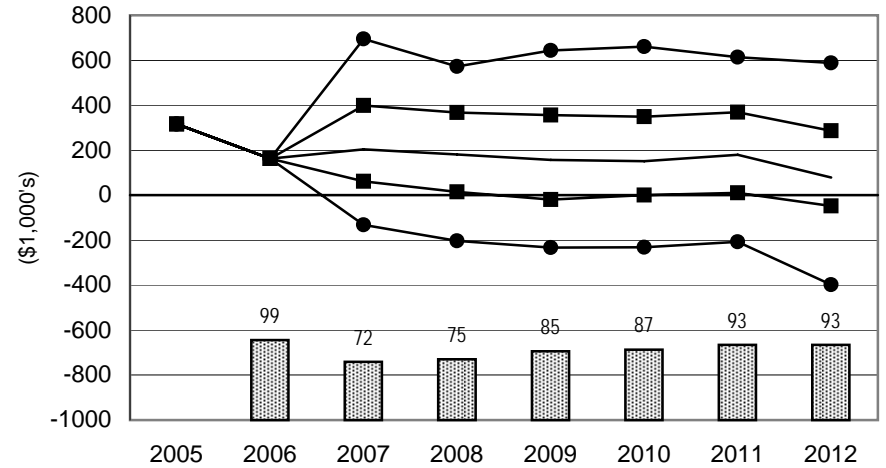
**Figure 32. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Rice Farms**

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

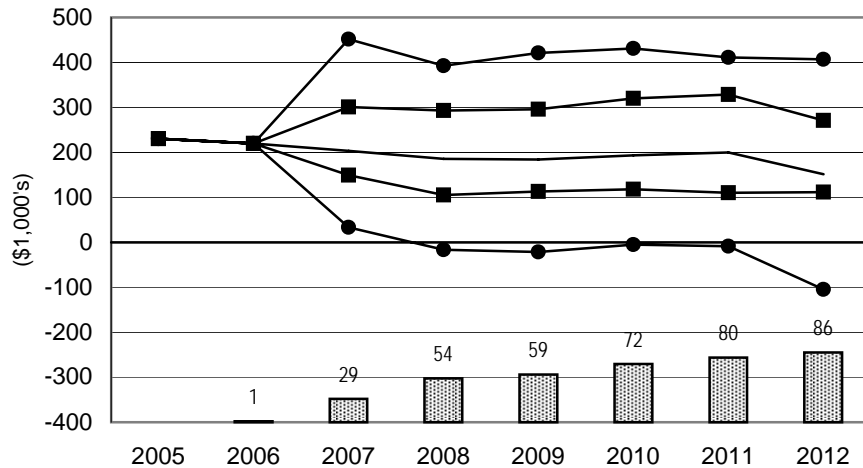
CAR550 California Rice Farm



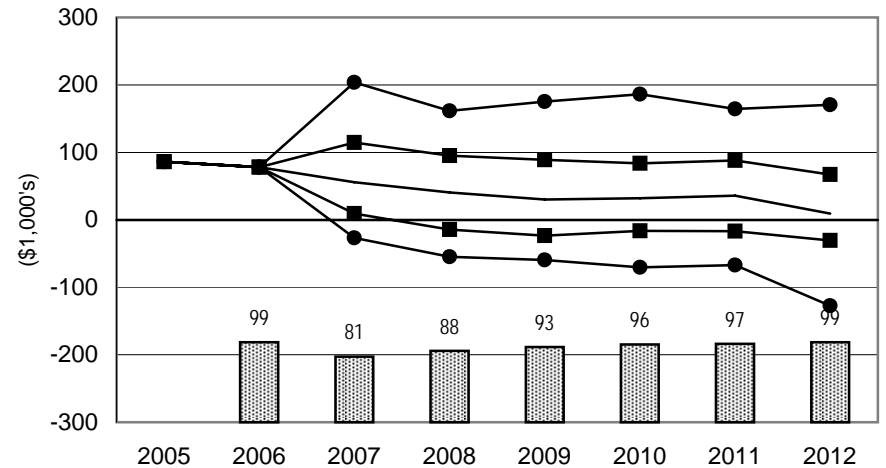
CAR2365 Large California Rice Farm



CABR1300 California Rice Farm



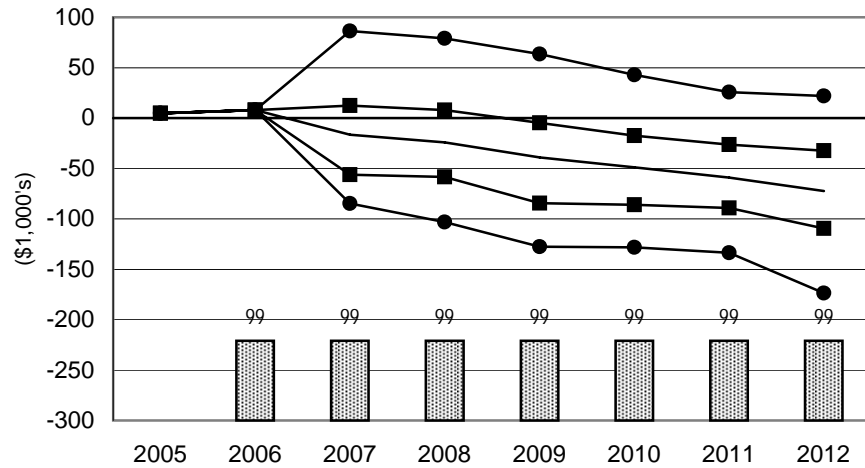
CACR715 California Rice Farm



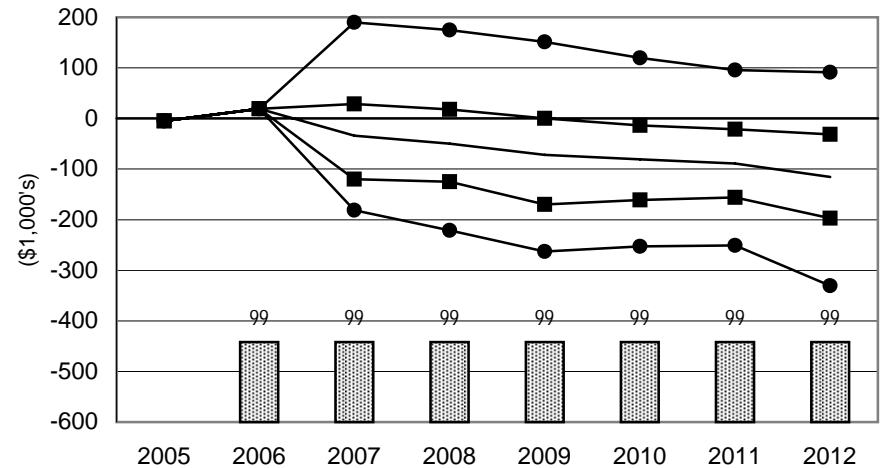
**Figure 33. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Rice Farms**

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

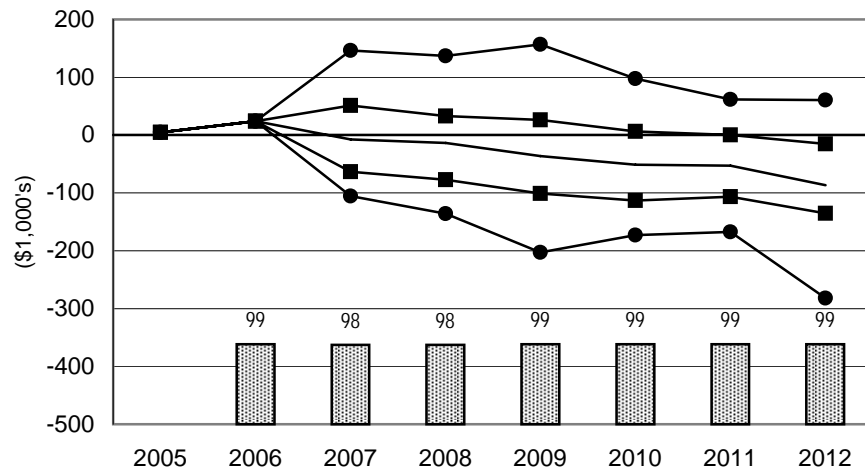
TXR1350 Texas Rice Farm



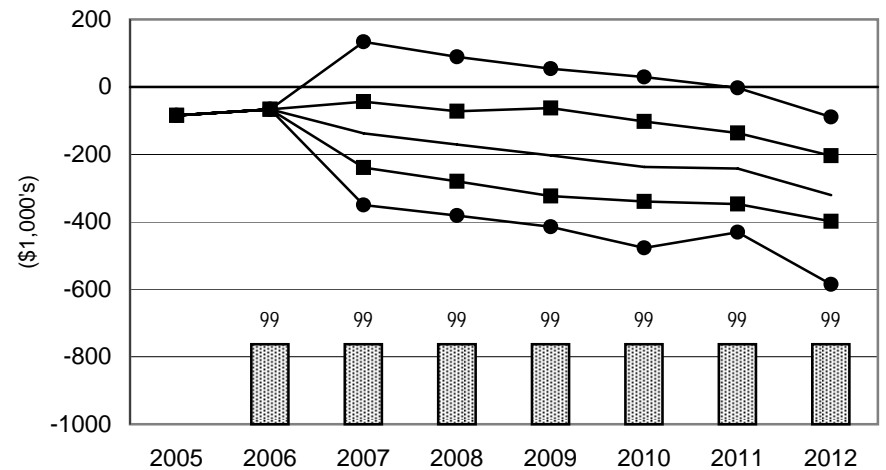
TXR2400 Large Texas Rice Farm



TXBR1800 Texas Bay City Rice Farm



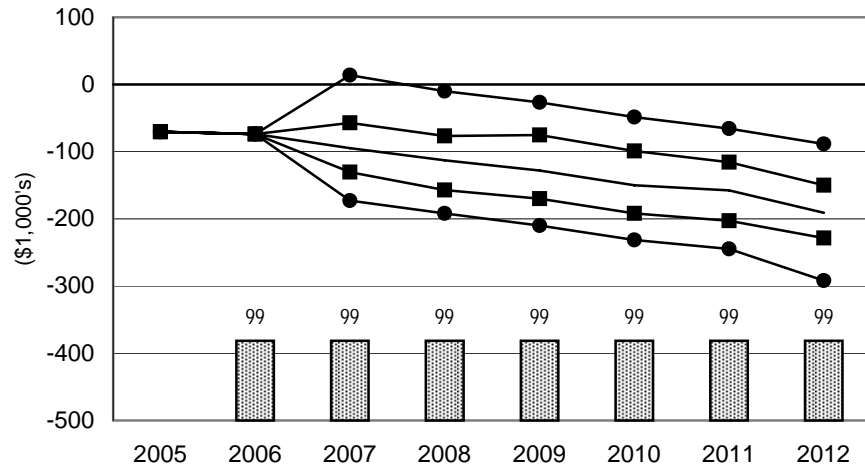
TXER3200 Texas El Campo Rice Farm



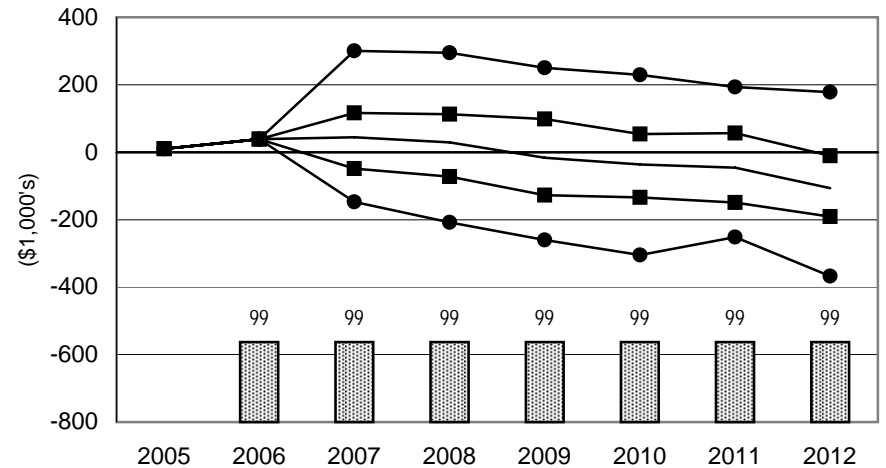
**Figure 34. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Rice Farms**

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

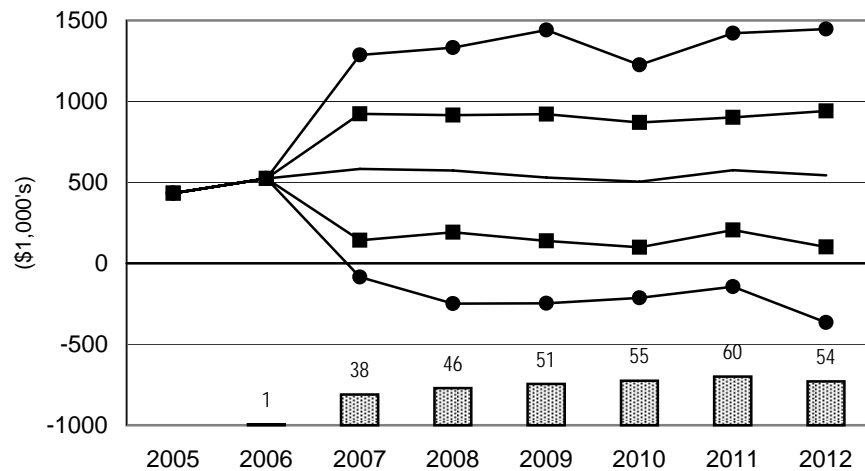
LASR1200 Southwest Louisiana Rice Farm



LANR2500 Northeast Louisiana Rice Farm



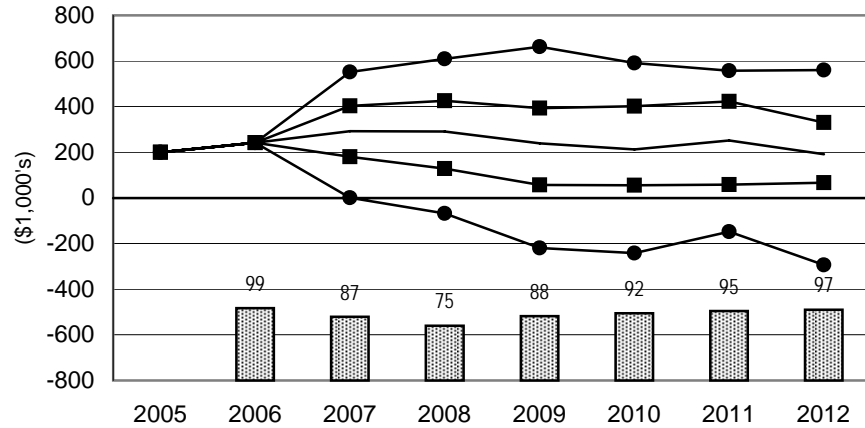
MOWR4000 Missouri Rice Farm



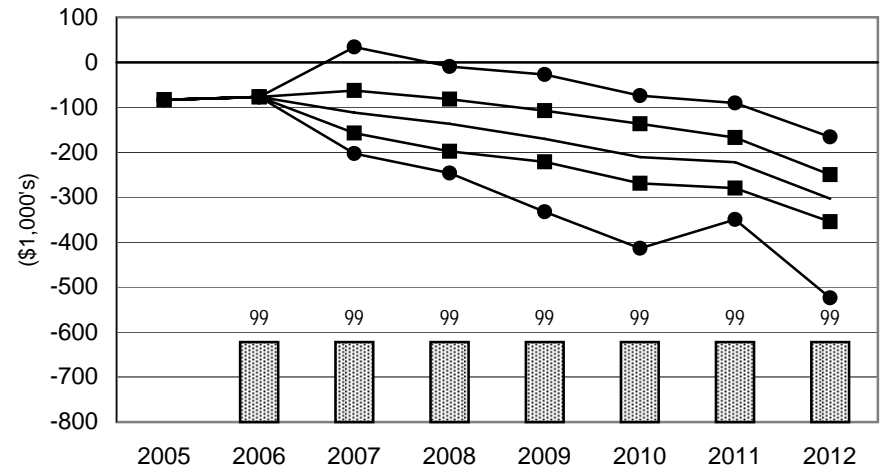
**Figure 35. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Rice Farms**

— 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

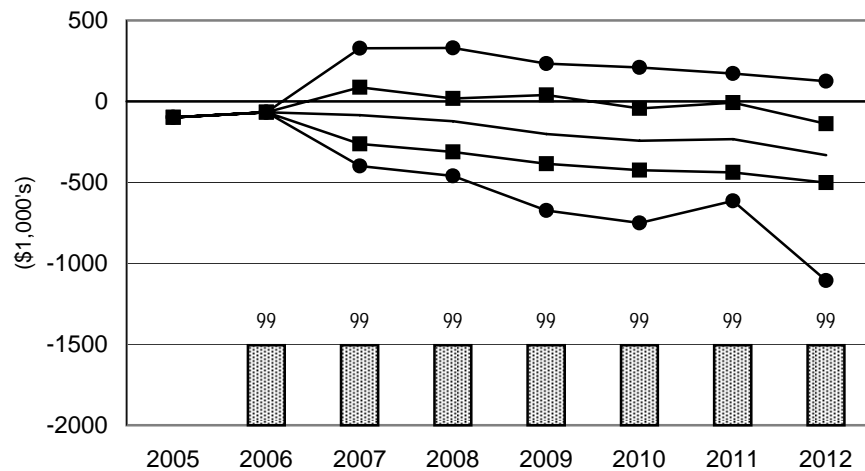


Figure 36. Representative Farms Producing Milk

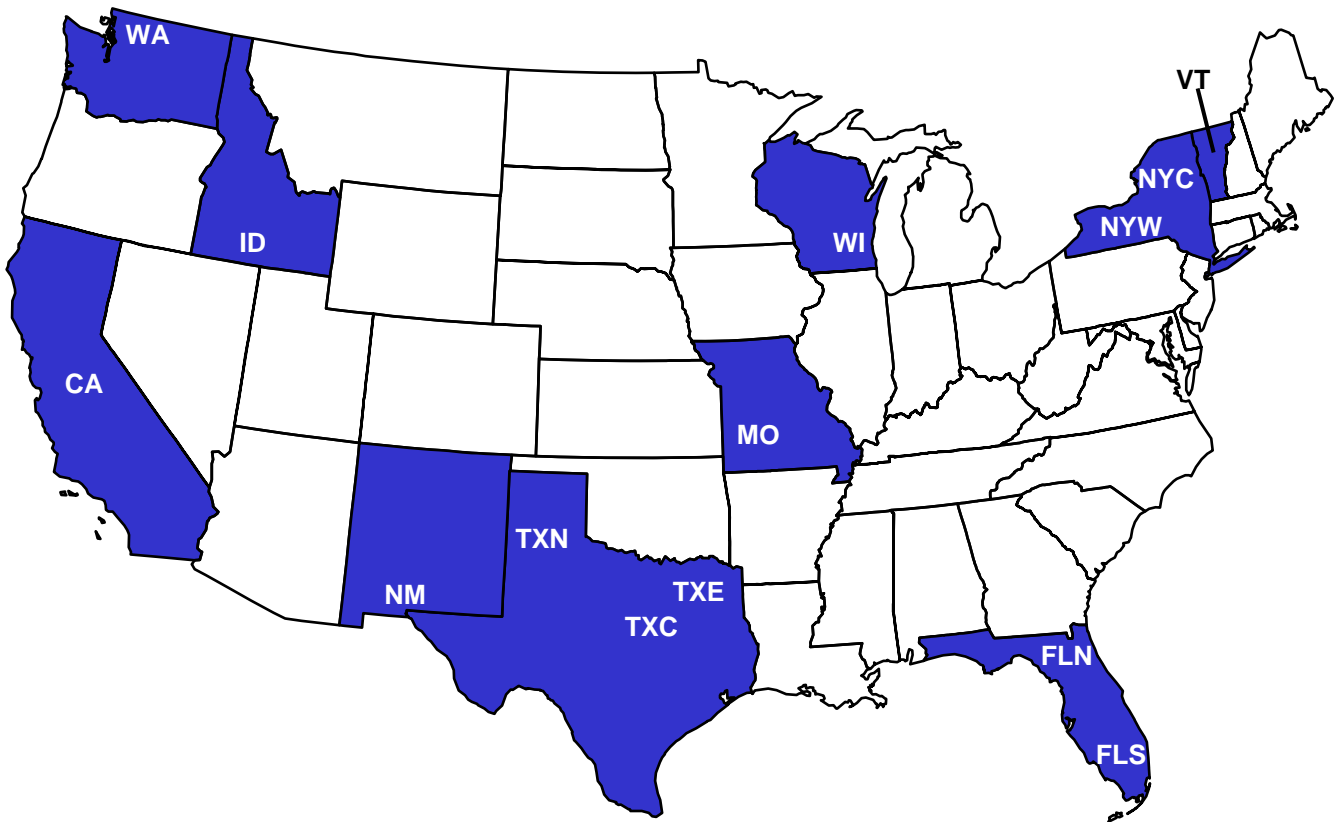


Table 11. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Milk.

	CAD1710	NMD2125	WAD250	WAD850	IDD1000	IDD3000	TXND3000	TXCD550	TXCD1300
Overall Financial Position									
2007-2012 Ranking	Good	Good	Good	Marginal	Good	Good	Good	Poor	Good
Change Real Net Worth (%)									
2007-2012 Average	5.24	7.01	5.41	1.85	5.04	5.94	1.98	-5.36	5.52
NIA to Maintain Real Net Worth (%/Rec.)									
	-22.87	-22.30	-25.70	-8.67	-16.72	-23.22	-6.60	3.33	-16.73
NIA for Zero Ending Cash Balance (%/Rec.)									
	-15.21	-19.31	-8.06	0.30	-9.72	-16.09	-5.88	12.69	-15.98
Govt Payments/Receipts (%)									
2007-2012 Average	0.14	0.00	0.23	0.43	0.00	0.04	0.00	0.00	0.00
Cost to Receipts Ratio (%)									
2007-2012 Average	81.05	76.37	76.11	90.85	84.24	77.77	89.91	104.46	80.23
Total Cash Receipts (\$1000)									
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	5,135.01	6,299.97	814.01	2,722.48	3,263.01	9,473.28	8,528.41	1,490.74	3,935.41
2007	7,219.17	9,151.68	1,162.02	4,016.83	4,739.87	13,924.10	12,482.39	2,132.74	5,602.17
2008	6,423.68	7,847.05	1,012.24	3,470.26	4,078.54	11,909.73	10,700.55	1,840.63	4,852.81
2009	6,480.87	7,898.33	1,008.45	3,456.22	4,086.69	11,936.30	10,728.21	1,846.40	4,870.12
2010	6,611.63	8,169.43	1,049.03	3,601.55	4,249.45	12,427.97	11,064.00	1,904.67	5,027.40
2011	6,715.33	8,281.41	1,064.96	3,659.14	4,334.21	12,684.21	11,201.34	1,928.46	5,091.10
2012	6,776.98	8,375.93	1,074.67	3,694.88	4,356.70	12,753.78	11,322.93	1,949.29	5,148.96
2007-2012 Average	6,704.61	8,287.30	1,061.90	3,649.81	4,307.58	12,606.01	11,249.90	1,933.70	5,098.76
Government Payments (\$1000)									
2005	37.83	0.00	5.65	31.99	0.00	64.63	0.00	0.00	0.00
2006	39.34	14.71	16.98	31.72	14.71	49.70	14.71	14.71	14.71
2007	22.88	0.00	2.17	13.96	0.00	27.82	0.00	0.00	0.00
2008	2.01	0.00	2.61	16.09	0.00	0.00	0.00	0.00	0.00
2009	8.88	0.00	2.65	16.31	0.00	0.40	0.00	0.00	0.00
2010	5.70	0.00	2.41	15.18	0.00	0.20	0.00	0.00	0.00
2011	10.72	0.00	2.76	16.76	0.00	0.80	0.00	0.00	0.00
2012	7.32	0.00	2.29	14.59	0.00	0.20	0.00	0.00	0.00
2007-2012 Average	9.58	0.00	2.48	15.48	0.00	4.90	0.00	0.00	0.00
Net Cash Farm Income (\$1000)									
2005	1,507.82	1,971.39	220.55	389.25	692.22	2,796.18	1,531.89	84.49	1,061.70
2006	368.15	662.09	78.78	-199.40	23.30	774.91	-211.06	-209.20	348.51
2007	2,041.37	3,036.30	382.48	870.82	1,287.29	4,538.38	2,843.06	232.24	1,690.90
2008	1,076.93	1,621.70	214.36	248.81	543.50	2,335.51	799.64	-111.26	837.53
2009	1,082.19	1,683.13	211.47	210.08	535.23	2,314.26	772.67	-135.77	833.16
2010	1,187.44	1,928.75	252.81	331.78	663.93	2,772.05	1,049.89	-104.21	970.88
2011	1,243.43	1,968.97	268.82	357.72	708.59	2,940.79	1,065.77	-116.20	992.65
2012	1,248.35	1,996.32	273.57	352.06	695.33	2,945.61	1,063.89	-133.26	1,015.03
2007-2012 Average	1,313.29	2,039.20	267.25	395.21	738.98	2,974.44	1,265.82	-61.41	1,056.69
Ending Cash Reserves (\$1000)									
2005	549.84	804.55	41.34	95.60	264.97	1,016.29	700.02	0.92	451.81
2006	514.11	810.23	-20.35	-329.60	121.08	881.64	188.63	-301.22	445.97
2007	1,464.33	2,232.48	119.60	161.05	658.81	2,866.90	1,738.06	-189.89	1,271.45
2008	1,788.68	2,727.28	128.89	41.13	789.61	3,454.43	1,863.07	-433.28	1,518.59
2009	2,182.14	3,295.51	149.67	-65.08	926.89	4,108.00	1,985.23	-677.08	1,833.38
2010	2,622.79	3,989.71	208.78	-70.36	1,077.62	5,034.34	2,311.18	-892.71	2,236.57
2011	3,054.68	4,746.00	261.04	-23.28	1,285.47	5,968.72	2,693.25	-1,102.76	2,642.42
2012	3,467.53	5,498.24	301.67	-44.92	1,461.95	6,890.06	2,987.71	-1,307.08	3,065.07
Nominal Net Worth (\$1000)									
2005	10,540.20	8,489.16	2,124.51	5,186.13	5,155.12	16,854.74	11,532.29	2,189.96	5,318.11
2006	11,052.71	8,719.10	2,241.33	4,937.05	5,197.95	17,403.09	10,805.07	1,964.85	5,326.92
2007	12,995.07	10,763.37	2,640.17	5,835.67	6,184.25	20,851.10	12,693.48	2,272.90	6,417.60
2008	14,109.90	11,766.85	2,865.53	6,008.31	6,680.17	22,638.30	13,143.57	2,177.12	6,861.38
2009	14,863.78	12,571.75	3,016.35	6,064.45	6,992.13	23,895.96	13,311.41	2,004.97	7,232.89
2010	15,584.38	13,450.55	3,190.19	6,186.94	7,301.64	25,295.35	13,591.46	1,853.17	7,654.94
2011	16,377.19	14,409.83	3,358.73	6,401.05	7,708.30	26,837.45	13,991.80	1,714.25	8,124.18
2012	17,137.44	15,318.38	3,509.60	6,507.25	8,072.85	28,354.31	14,234.84	1,558.74	8,557.83
Prob. of Negative Ending Cash (%)									
2007	1	1	2	27	1	1	1	83	1
2008	1	1	15	43	5	1	10	94	1
2009	1	1	16	50	4	1	14	98	1
2010	1	1	10	50	5	1	12	99	1
2011	1	1	9	51	4	1	9	99	1
2012	1	1	7	49	4	1	10	98	1
Prob. of Decreasing Real Net Worth Over 2005-2012 (%)									
	1	1	1	1	1	1	1	20	1

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

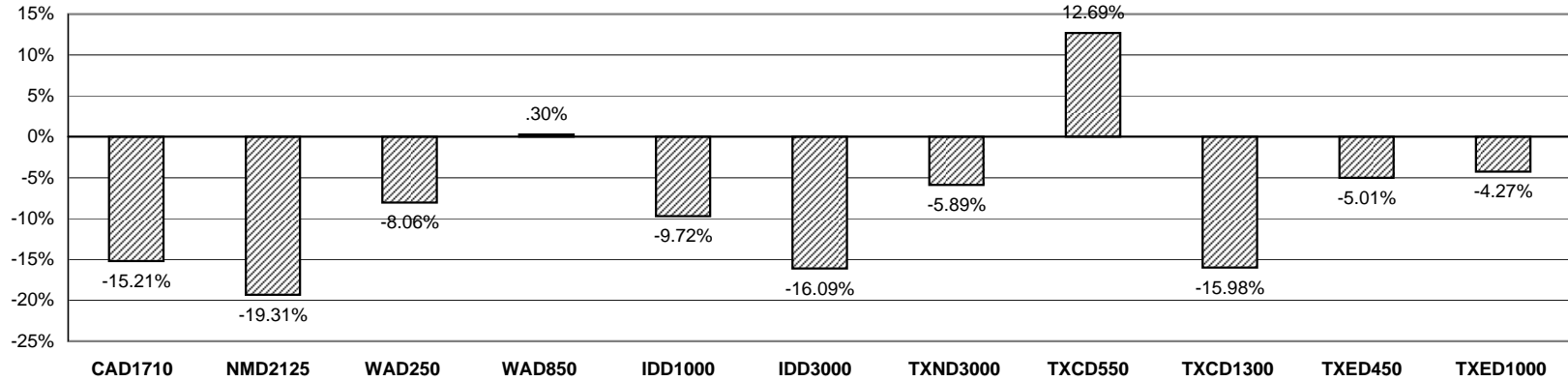
	TXED450	TXED1000	WID145	WID775	NYWD800	NYWD1200	NYCD110	NYCD500
Overall Financial Position								
2007-2012 Ranking	Good	Good	Good	Good	Marginal	Marginal	Good	Good
Change Real Net Worth (%)								
2007-2012 Average	3.80	2.64	5.13	8.63	2.47	2.37	8.14	4.97
NIA to Maintain Real Net Worth (%/Rec.)								
	-13.71	-10.31	-36.17	-32.33	-9.24	-10.05	-32.84	-18.69
NIA for Zero Ending Cash Balance (%/Rec.)								
	-5.01	-4.27	-9.29	-30.35	1.28	-1.76	-29.48	-7.28
Govt Payments/Receipts (%)								
2007-2012 Average	0.00	0.00	0.76	0.19	0.56	0.51	0.64	0.47
Cost to Receipts Ratio (%)								
2007-2012 Average	86.11	86.14	71.29	67.35	91.64	90.44	62.74	81.50
Total Cash Receipts (\$1000)								
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	550.34	2,877.86	2,806.74	4,190.11	452.98	1,869.69
2007	1,707.31	4,139.83	749.95	4,008.26	4,051.19	6,033.14	617.24	2,651.84
2008	1,471.72	3,564.67	657.80	3,501.93	3,492.19	5,210.15	538.21	2,299.48
2009	1,484.08	3,566.68	657.69	3,507.09	3,496.64	5,217.09	539.22	2,303.59
2010	1,522.58	3,732.71	683.18	3,659.20	3,576.26	5,334.84	551.29	2,357.04
2011	1,554.87	3,782.92	697.95	3,742.48	3,655.11	5,451.50	563.01	2,408.73
2012	1,567.00	3,824.71	699.26	3,753.09	3,668.64	5,471.87	565.14	2,418.44
2007-2012 Average	1,551.26	3,768.59	690.97	3,695.34	3,656.67	5,453.10	562.35	2,406.52
Government Payments (\$1000)								
2005	0.00	0.00	8.39	30.57	28.66	39.41	5.12	15.89
2006	14.71	14.71	19.36	31.24	47.92	60.42	20.53	33.13
2007	0.00	0.00	4.44	13.22	19.74	27.10	3.49	10.95
2008	0.00	0.00	5.45	4.61	20.12	27.62	3.58	11.16
2009	0.00	0.00	5.48	7.42	20.28	27.84	3.60	11.25
2010	0.00	0.00	5.11	5.01	20.24	27.24	3.59	11.23
2011	0.00	0.00	5.68	8.09	20.39	27.46	3.63	11.31
2012	0.00	0.00	4.88	4.51	20.55	28.22	3.64	11.40
2007-2012 Average	0.00	0.00	5.17	7.14	20.22	27.58	3.59	11.22
Net Cash Farm Income (\$1000)								
2005	222.97	544.53	189.45	1,211.91	439.51	764.48	195.19	456.72
2006	20.30	65.23	104.95	696.71	-133.23	-106.14	131.22	103.22
2007	432.88	1,101.44	287.20	1,653.28	873.52	1,409.23	277.67	790.93
2008	171.21	440.92	186.31	1,088.84	257.40	462.39	189.57	385.03
2009	174.93	378.18	180.90	1,061.22	201.27	359.92	190.43	363.70
2010	205.20	514.88	190.69	1,200.21	230.68	398.79	201.38	398.10
2011	223.74	529.23	198.99	1,266.58	262.74	442.77	209.22	431.72
2012	224.64	541.53	200.21	1,252.24	228.04	375.94	209.55	425.39
2007-2012 Average	238.77	584.36	207.39	1,253.73	342.28	574.84	212.97	465.81
Ending Cash Reserves (\$1000)								
2005	91.95	206.38	67.96	573.26	135.77	343.82	89.62	131.18
2006	-2.30	-13.78	48.92	775.64	-277.16	-167.32	123.14	33.94
2007	190.00	455.20	137.20	1,505.75	154.70	644.71	245.27	326.30
2008	204.95	488.56	180.04	1,901.89	47.27	608.59	311.20	374.13
2009	216.40	467.74	221.52	2,291.06	-40.78	557.73	376.84	418.25
2010	250.13	544.32	235.02	2,772.12	-82.76	551.54	453.12	483.70
2011	295.61	611.54	236.54	3,254.06	-95.21	519.82	524.97	519.84
2012	330.60	658.28	230.32	3,748.17	-202.78	421.81	606.23	567.26
Nominal Net Worth (\$1000)								
2005	2,283.38	4,876.64	2,104.53	4,333.93	4,541.14	7,194.25	755.63	3,097.98
2006	2,327.44	4,703.50	2,311.98	4,692.12	4,525.80	7,155.25	842.78	3,259.87
2007	2,745.90	5,548.81	2,699.10	5,790.97	5,549.08	8,709.14	1,038.96	3,938.73
2008	2,934.73	5,839.66	2,965.54	6,452.93	5,848.16	9,166.99	1,157.53	4,256.87
2009	3,036.82	5,935.47	3,122.29	6,975.60	5,971.72	9,346.61	1,249.71	4,470.84
2010	3,145.05	6,099.36	3,249.34	7,563.17	6,122.69	9,553.74	1,347.52	4,677.62
2011	3,272.95	6,301.37	3,396.98	8,188.63	6,285.55	9,817.98	1,447.71	4,905.14
2012	3,381.55	6,447.21	3,543.58	8,808.67	6,388.52	9,975.08	1,550.97	5,127.10
Prob. of Negative Ending Cash (%)								
2007	6	4	1	1	23	5	1	1
2008	18	20	1	1	39	16	1	4
2009	18	20	1	1	49	17	1	4
2010	19	22	1	1	52	21	1	4
2011	14	16	4	1	51	24	1	5
2012	15	18	5	1	56	25	1	3
Prob. of Decreasing Real Net Worth Over 2005-2012 (%)								
	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
Overall Financial Position						
2007-2012 Ranking	Good	Good	Marginal	Good	Good	Poor
Change Real Net Worth (%)						
2007-2012 Average	4.71	3.05	4.28	5.62	7.69	-4.88
NIA to Maintain Real Net Worth (%/Rec.)						
	-20.85	-14.11	-28.29	-24.96	-32.02	3.24
NIA for Zero Ending Cash Balance (%/Rec.)						
	-9.79	-2.67	9.59	-12.42	-24.69	13.31
Govt Payments/Receipts (%)						
2007-2012 Average	0.59	0.80	0.00	0.00	0.00	0.00
Cost to Receipts Ratio (%)						
2007-2012 Average	74.74	85.45	77.92	77.00	70.02	107.97
Total Cash Receipts (\$1000)						
2005	602.32	1,609.80	271.99	1,431.52	1,987.91	5,122.40
2006	556.75	1,445.19	247.27	1,260.88	1,743.17	4,434.26
2007	751.33	2,007.77	332.04	1,767.44	2,355.72	6,105.48
2008	658.11	1,748.02	292.81	1,548.86	2,075.74	5,353.15
2009	660.06	1,753.63	291.62	1,543.31	2,088.74	5,384.40
2010	677.46	1,801.78	303.32	1,612.26	2,160.24	5,568.99
2011	687.73	1,830.04	307.35	1,635.98	2,197.60	5,666.41
2012	693.29	1,845.83	309.88	1,652.36	2,220.13	5,723.21
2007-2012 Average	688.00	1,831.18	306.17	1,626.70	2,183.03	5,633.61
Government Payments (\$1000)						
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	3.90	14.08	0.00	0.00	0.00	0.00
2008	3.98	14.36	0.00	0.00	0.00	0.00
2009	4.01	14.48	0.00	0.00	0.00	0.00
2010	4.00	14.45	0.00	0.00	0.00	0.00
2011	4.04	14.57	0.00	0.00	0.00	0.00
2012	4.07	14.70	0.00	0.00	0.00	0.00
2007-2012 Average	4.00	14.44	0.00	0.00	0.00	0.00
Net Cash Farm Income (\$1000)						
2005	149.22	240.83	71.25	409.61	756.09	69.63
2006	84.45	23.13	41.49	189.93	442.16	-853.00
2007	255.30	519.62	105.58	586.77	887.61	401.53
2008	151.34	222.36	58.79	324.85	538.89	-489.41
2009	151.34	211.19	56.14	309.39	561.95	-550.85
2010	166.84	243.86	66.52	374.49	649.85	-482.31
2011	172.32	250.82	70.12	389.27	693.25	-517.38
2012	174.95	245.22	72.43	396.88	714.15	-595.55
2007-2012 Average	178.68	282.18	71.60	396.94	674.28	-372.33
Ending Cash Reserves (\$1000)						
2005	52.95	67.59	0.50	158.46	297.43	-63.84
2006	21.28	-84.97	-30.52	159.51	401.20	-1,056.54
2007	109.62	130.36	-16.17	372.80	772.53	-809.93
2008	140.75	142.90	-30.87	443.40	922.13	-1,508.48
2009	165.70	150.47	-54.98	491.92	1,110.58	-2,201.48
2010	203.86	181.75	-75.24	578.49	1,344.90	-2,841.35
2011	242.16	193.74	-99.50	659.58	1,586.57	-3,518.28
2012	279.69	190.11	-123.12	734.24	1,842.05	-4,277.06
Nominal Net Worth (\$1000)						
2005	1,210.62	2,991.77	1,026.58	2,887.57	3,050.09	7,171.79
2006	1,407.62	3,356.57	1,120.00	3,111.16	3,408.71	6,567.94
2007	1,643.12	3,899.37	1,302.34	3,671.73	4,142.50	7,488.98
2008	1,782.94	4,152.16	1,413.87	4,013.78	4,577.17	7,315.96
2009	1,859.80	4,269.34	1,469.60	4,227.89	4,917.24	6,845.71
2010	1,940.91	4,389.90	1,526.05	4,456.25	5,279.63	6,358.64
2011	2,035.98	4,522.39	1,584.62	4,700.84	5,673.96	5,914.03
2012	2,114.73	4,629.25	1,643.55	4,927.81	6,071.75	5,341.48
Prob. of Negative Ending Cash (%)						
2007	1	9	75	1	1	93
2008	2	20	74	1	1	97
2009	3	22	81	3	1	99
2010	3	23	84	2	1	98
2011	2	18	91	2	1	99
2012	2	19	92	2	1	99
Prob. of Decreasing Real Net Worth Over 2005-2012 (%)						
	1	1	1	1	1	23

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

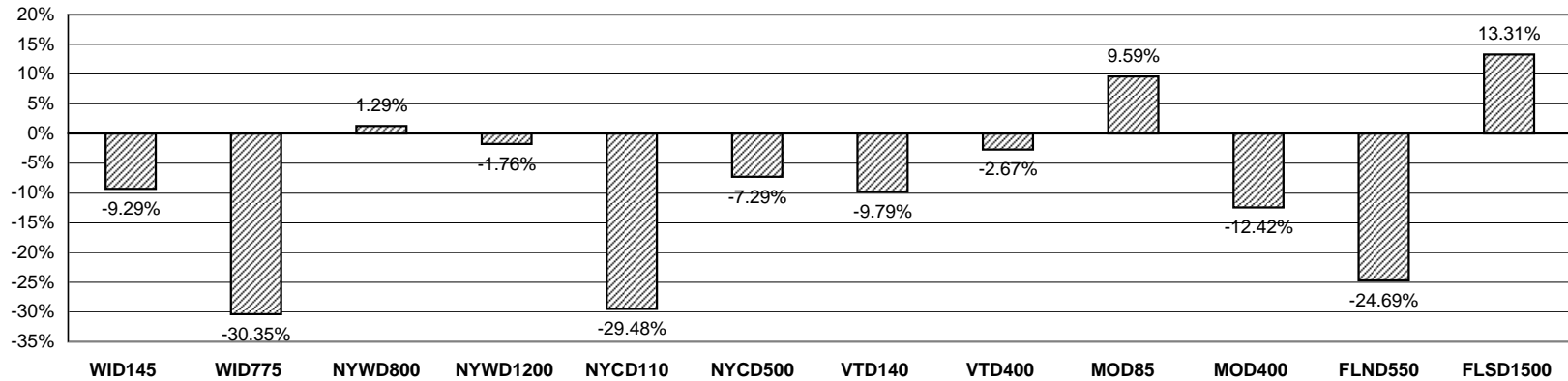


Figure 38. Dairy Farms

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

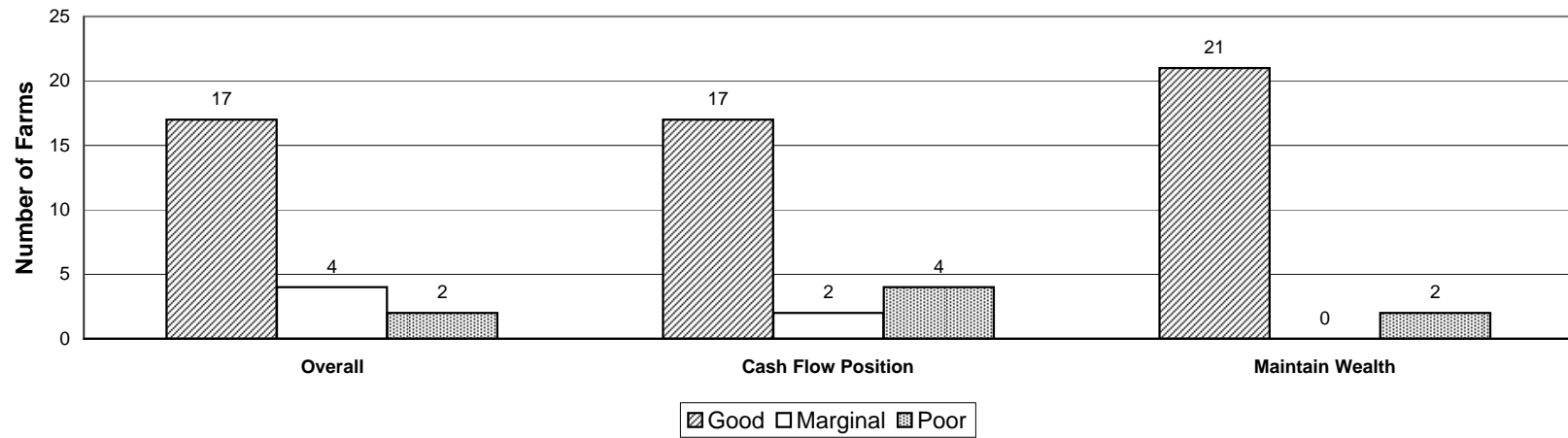
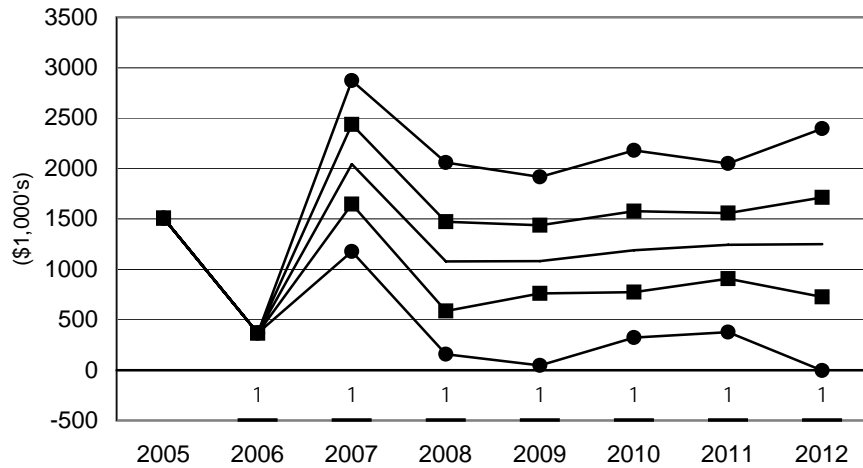


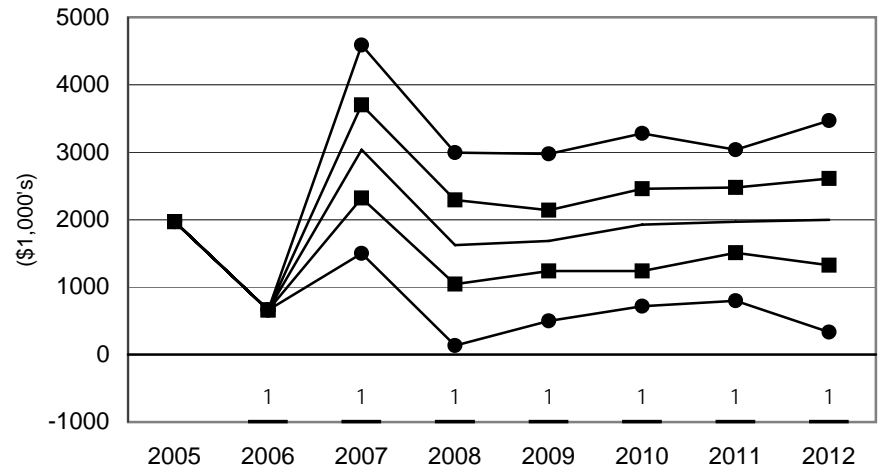
Figure 39. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Dairy Farms

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

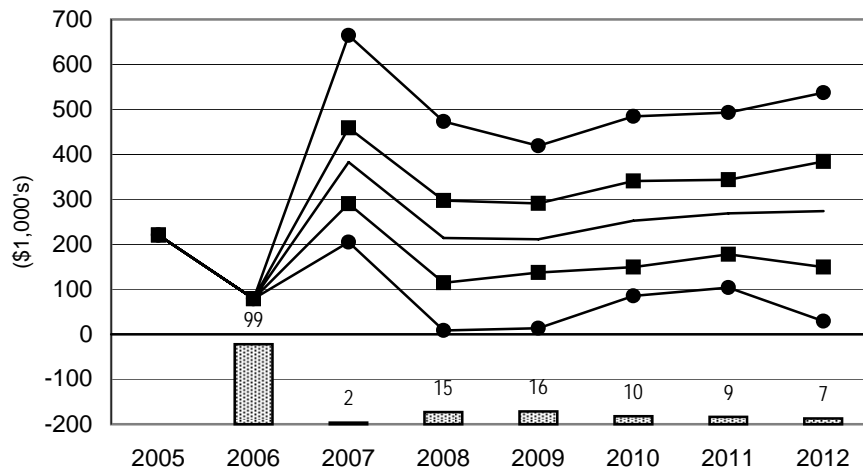
CAD1710 California Dairy Farm



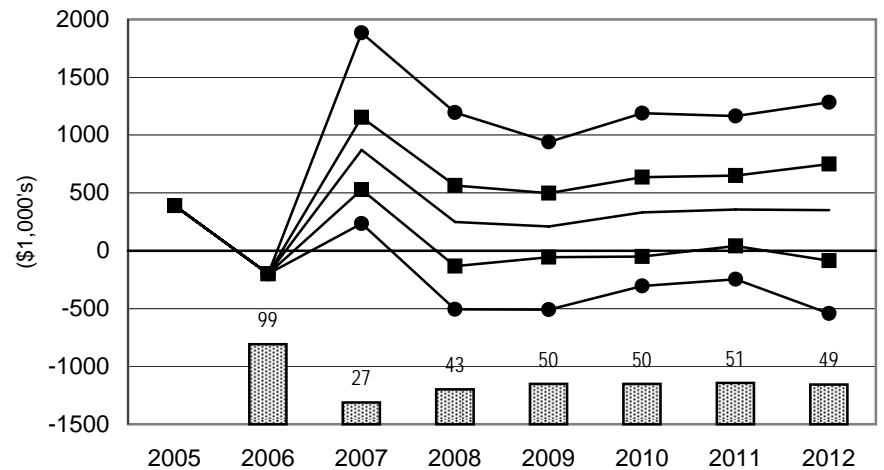
NMD2125 New Mexico Dairy Farm



WAD250 Washington Dairy Farm



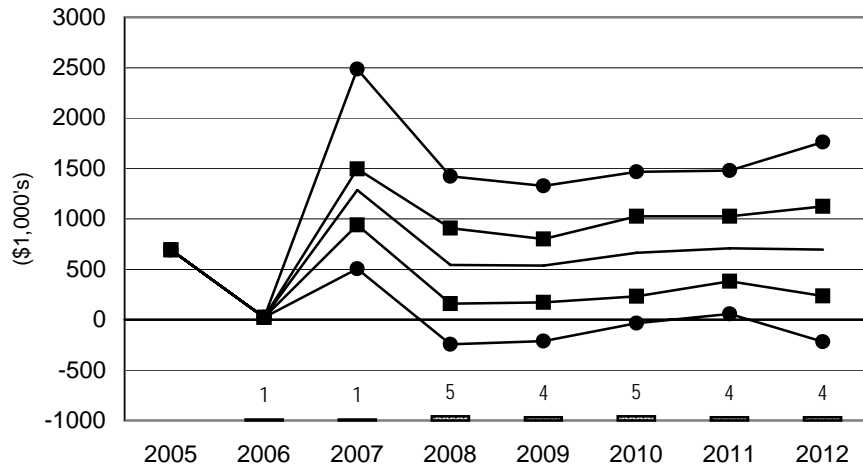
WAD850 Large Washington Dairy Farm



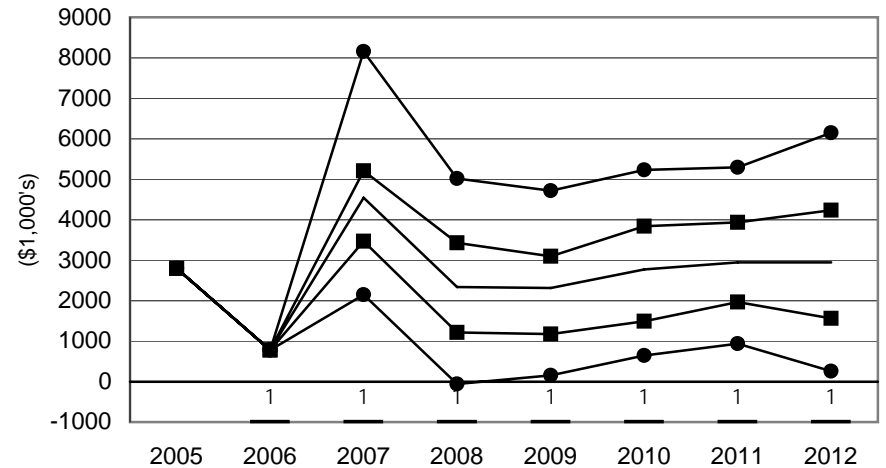
**Figure 40. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Dairy Farms**

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

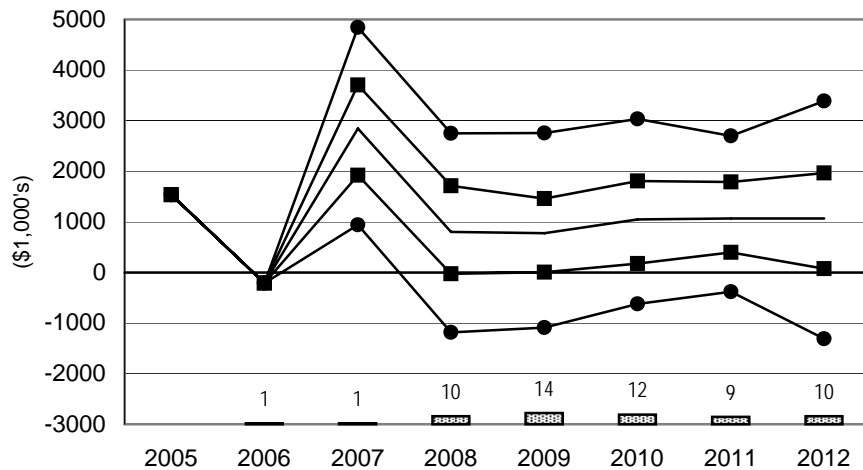
IDD1000 Idaho Dairy Farm



IDD3000 Large Idaho Dairy Farm



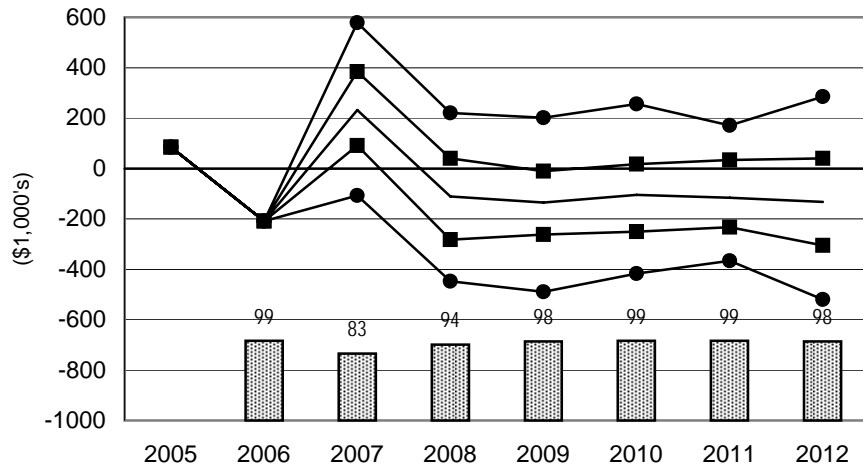
TXND3000 North Texas Dairy Farm



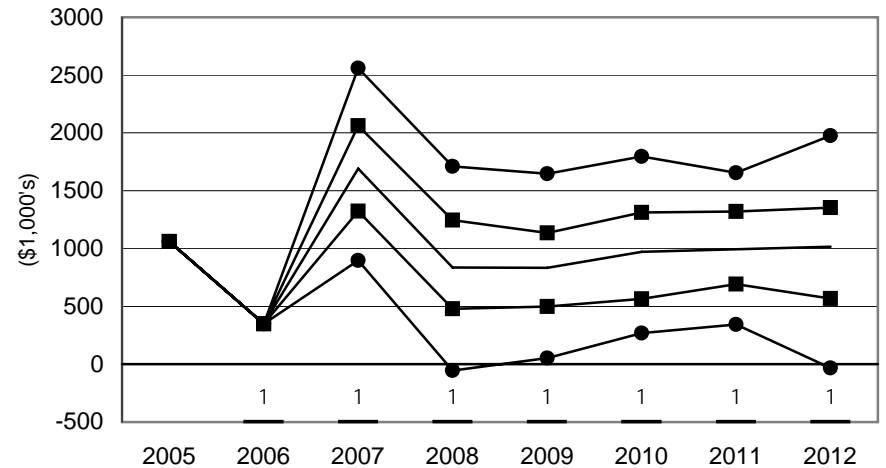
**Figure 41. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Dairy Farms**

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

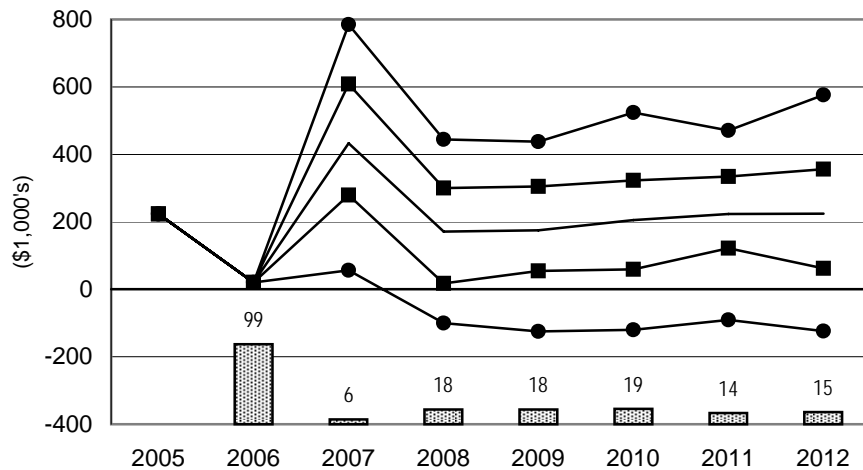
TXCD550 Central Texas Dairy Farm



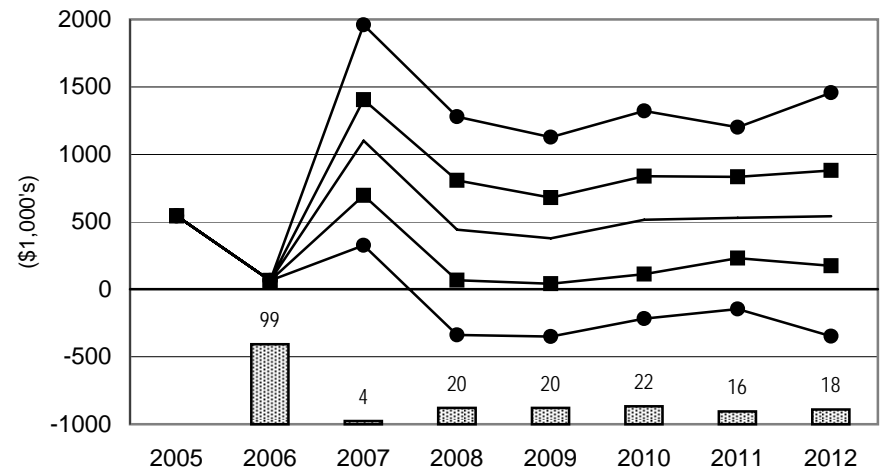
TXCD1300 Large Central Texas Dairy Farm



TXED450 East Texas Dairy Farm



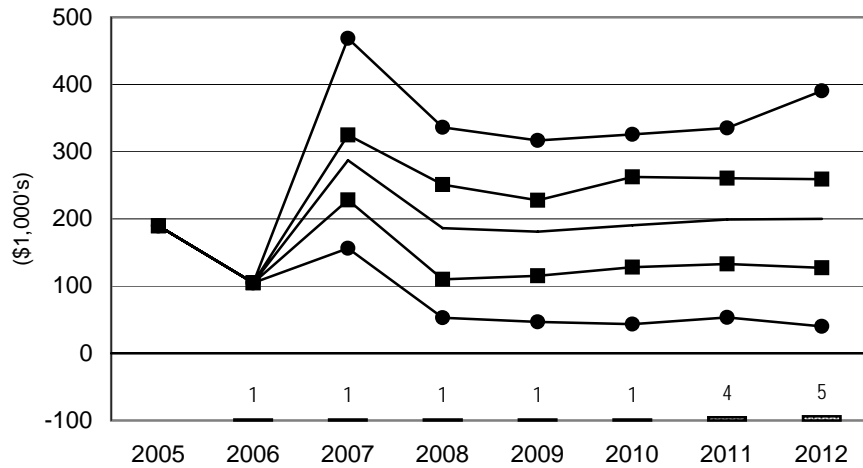
TXED1000 Large East Texas Dairy Farm



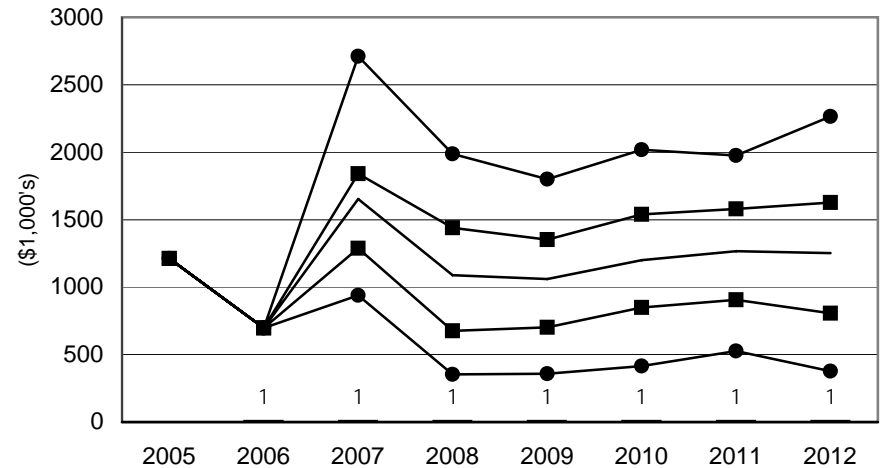
**Figure 42. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Dairy Farms**

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

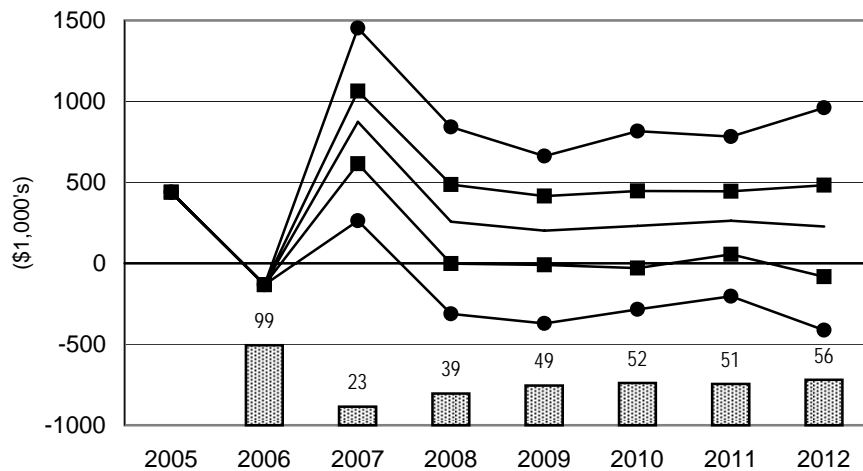
WID145 Wisconsin Dairy Farm



WID775 Large Wisconsin Dairy Farm



NYWD800 Western New York Dairy Farm



NYWD1200 Large Western New York Dairy Farm

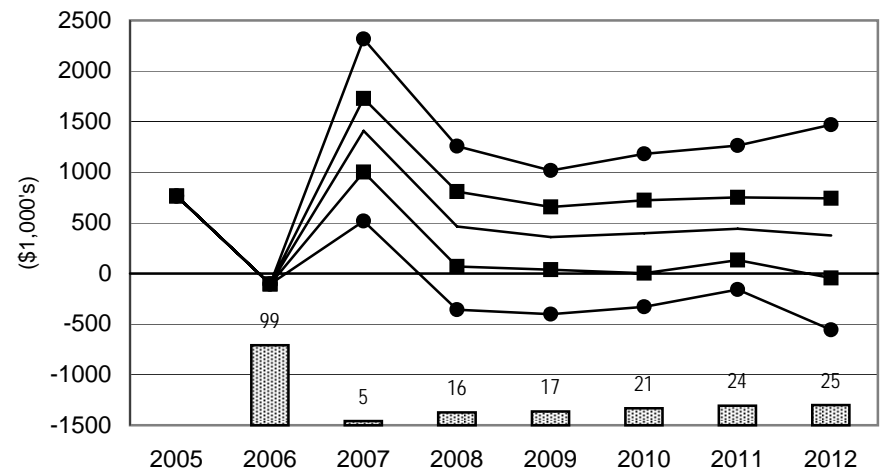
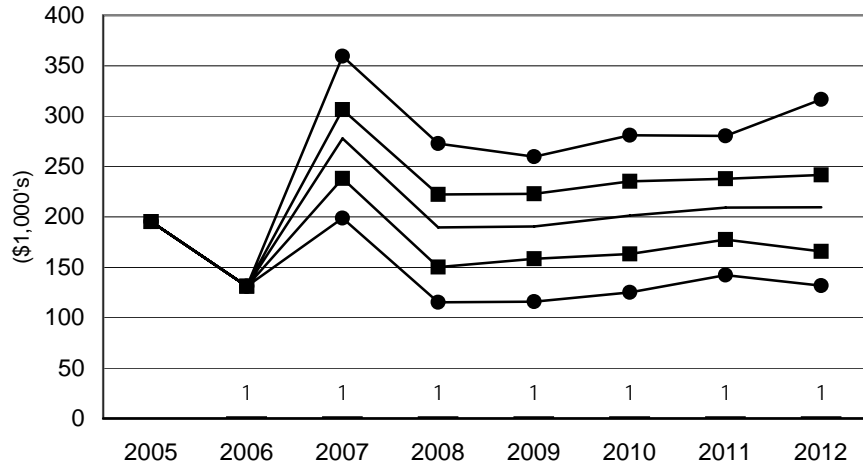


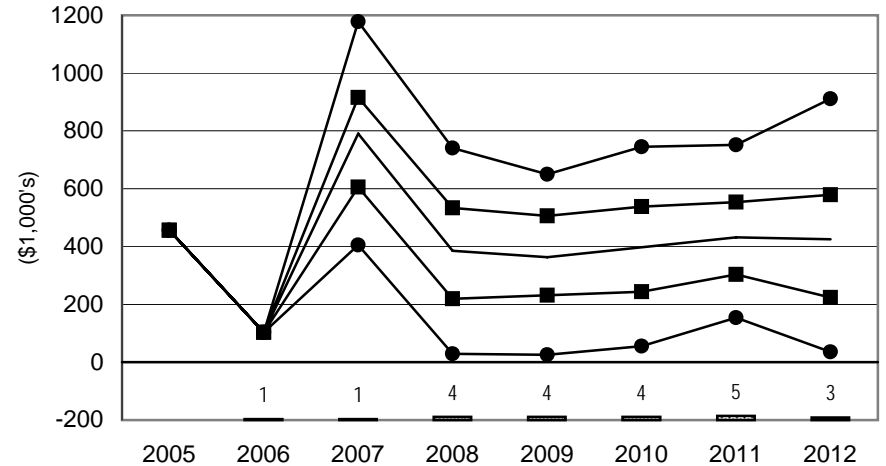
Figure 43. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Dairy Farms

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

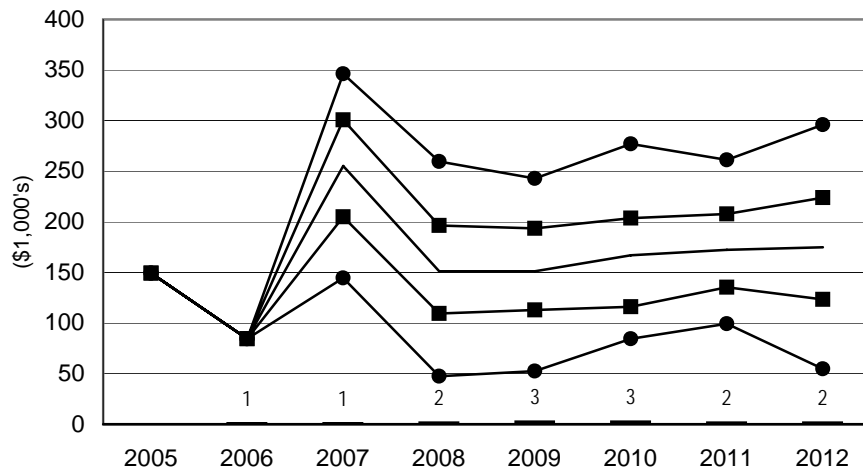
NYCD110 Central New York Dairy Farm



NYCD500 Large Central New York Dairy Farm



VTD140 Vermont Dairy Farm



VTD400 Large Vermont Dairy Farm

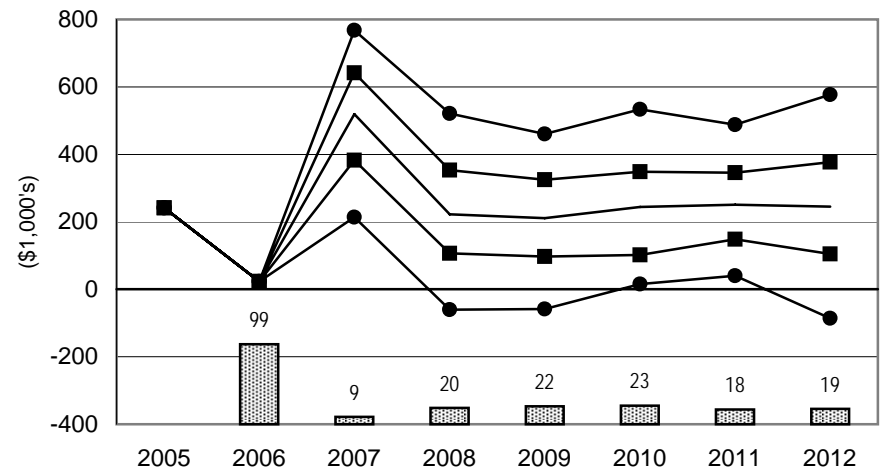
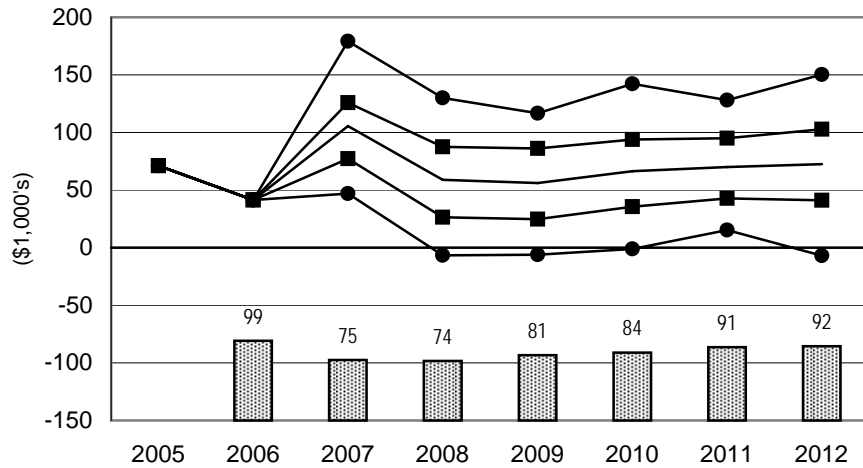


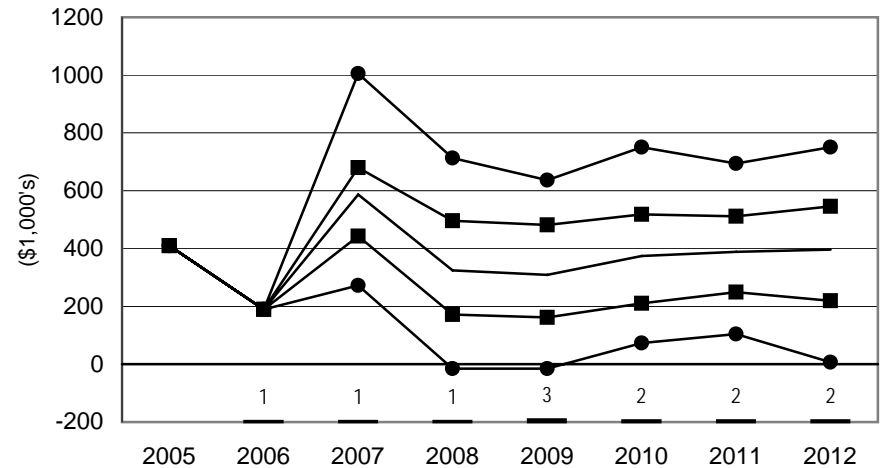
Figure 44. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Dairy Farms

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

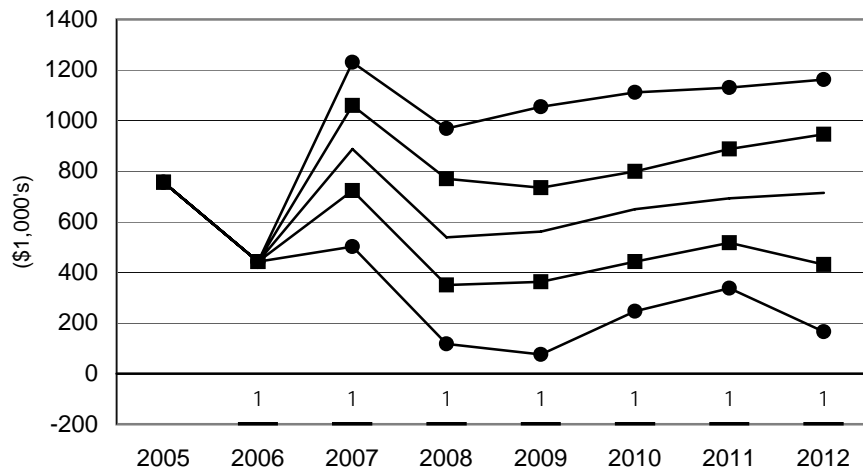
MOD85 Missouri Dairy Farm



MOD400 Large Missouri Dairy Farm



FLND550 Northern Florida Dairy Farm



FLSD1500 Southern Florida Dairy Farm

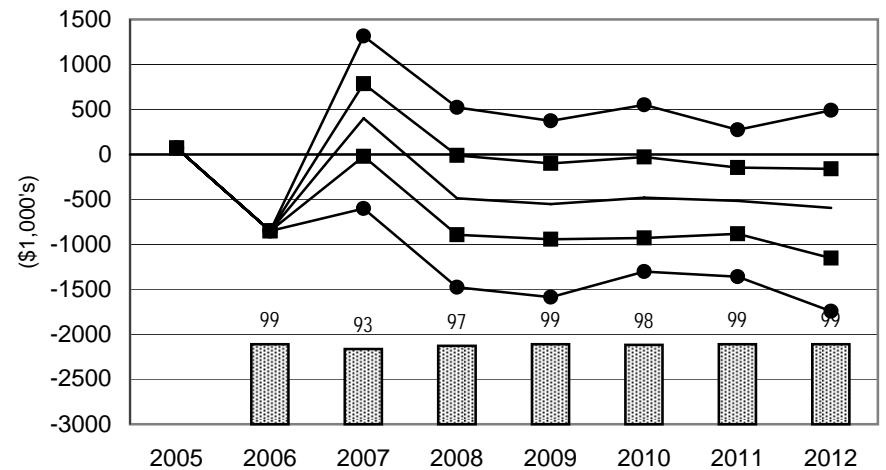


Figure 45. Representative Ranches Producing Beef Cattle

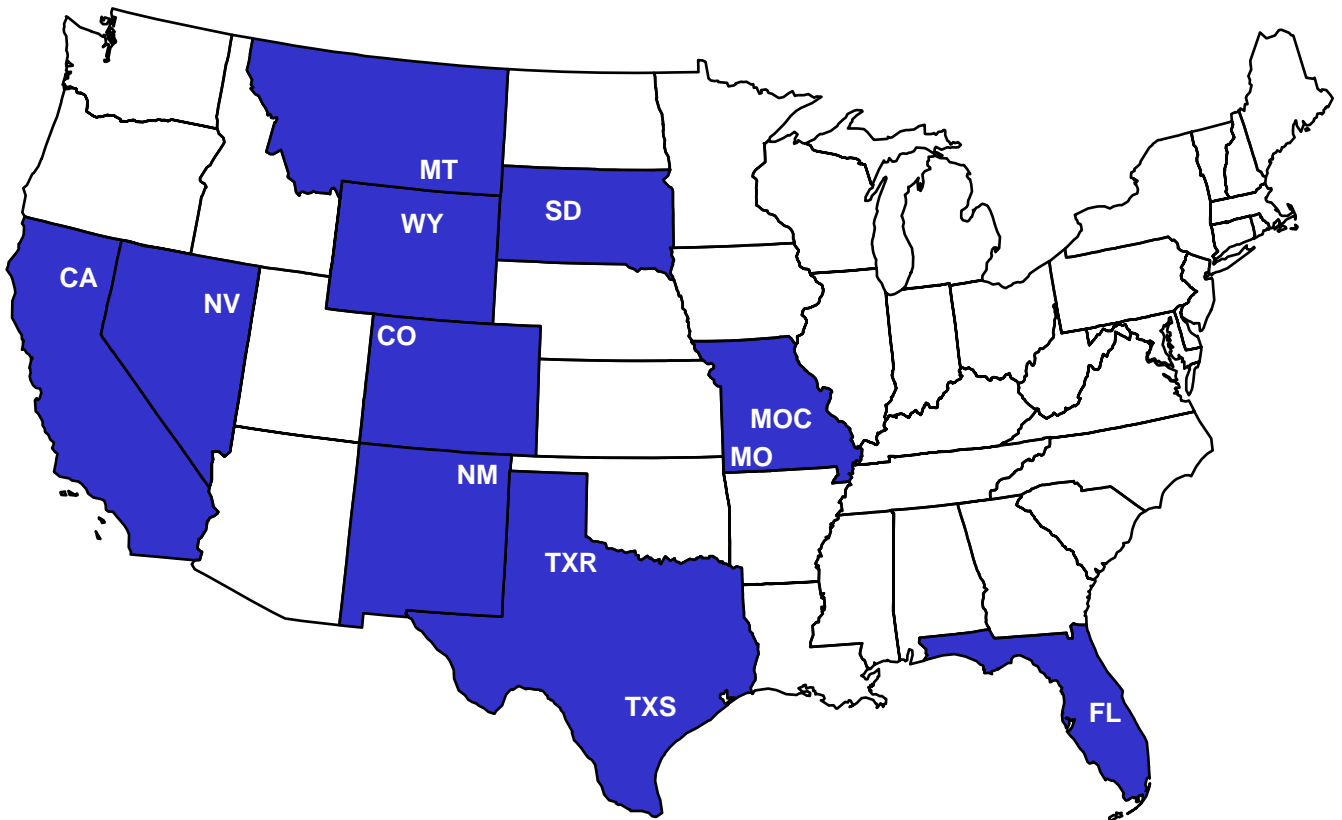


Table 14. Implications of the August 2007 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Beef Cattle.

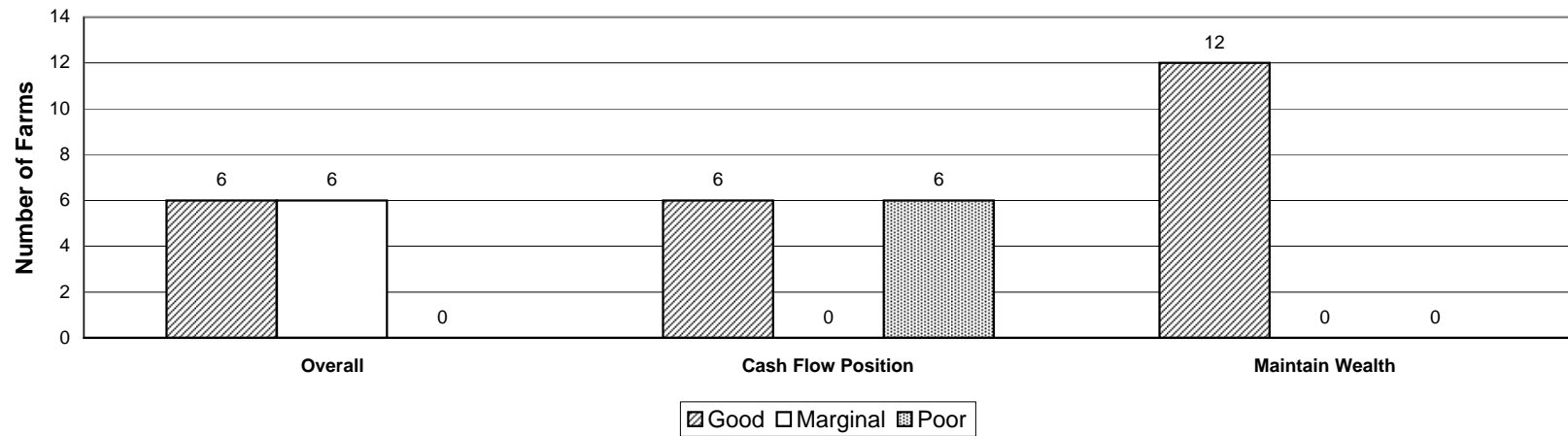
	CAB500	NVB700	MTB500	WYB335	COB250	NMB240
Overall Financial Position						
2007-2012 Ranking	Marginal	Marginal	Good	Marginal	Good	Marginal
Change Real Net Worth (%)						
2007-2012 Average	3.71	2.63	3.86	1.95	4.15	3.63
NIA to Maintain Real Net Worth (%/Rec.)	-213.24	-42.20	-80.22	-39.03	-395.23	-88.72
NIA for Zero Ending Cash Balance (%/Rec.)	21.54	1.91	-17.43	19.84	-5.46	5.37
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	109.74	90.68	69.93	101.40	82.74	93.06
Total Cash Receipts (\$1000)						
2005	315.43	382.42	322.51	245.35	203.66	299.07
2006	306.85	354.38	299.30	257.99	225.46	292.27
2007	316.09	370.84	299.30	270.98	214.08	298.32
2008	327.04	372.41	303.15	274.94	210.15	304.90
2009	319.03	364.24	297.20	266.81	209.09	298.74
2010	305.92	342.22	278.90	254.41	200.02	286.27
2011	299.88	337.69	274.07	252.54	199.52	283.87
2012	290.66	329.32	268.54	246.15	198.24	277.56
2007-2012 Average	309.77	352.79	286.86	260.97	205.18	291.61
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	24.95	101.29	139.98	13.34	57.16	37.30
2006	-2.13	60.25	116.89	25.75	67.21	27.77
2007	-2.71	72.01	113.42	29.37	55.30	29.87
2008	-2.28	63.37	102.25	29.81	44.63	28.74
2009	-10.92	52.05	97.34	12.61	42.87	21.77
2010	-28.45	26.25	80.86	-5.73	33.96	16.10
2011	-42.35	16.44	77.69	-18.89	28.31	12.14
2012	-63.20	5.88	68.88	-31.65	25.61	22.03
2007-2012 Average	-24.99	39.33	90.07	2.59	38.45	21.78
Ending Cash Reserves (\$1000)						
2005	-14.75	36.88	74.98	-19.57	125.22	10.27
2006	-47.59	40.30	134.32	-30.72	149.88	9.83
2007	-80.92	59.92	184.17	-39.50	158.93	10.06
2008	-114.28	69.36	195.66	-55.76	155.96	1.50
2009	-157.49	69.55	224.27	-89.98	151.25	-13.56
2010	-216.63	41.84	238.09	-158.69	128.53	-42.21
2011	-304.82	7.48	252.35	-227.53	97.93	-71.82
2012	-404.87	-36.63	253.06	-310.58	67.58	-94.60
Nominal Net Worth (\$1000)						
2005	11,281.07	3,838.49	3,682.16	2,725.74	12,504.02	4,477.00
2006	12,502.38	4,081.16	3,919.49	2,997.35	13,942.97	5,058.71
2007	14,040.98	4,379.07	4,405.03	3,309.02	15,727.89	5,686.09
2008	15,268.65	4,710.02	4,784.29	3,547.64	17,143.62	6,163.59
2009	15,847.54	4,843.93	4,984.04	3,622.49	17,867.88	6,388.34
2010	16,312.59	4,912.64	5,127.02	3,648.46	18,477.50	6,569.16
2011	16,780.18	5,007.90	5,291.92	3,690.27	19,089.21	6,755.25
2012	17,235.21	5,084.89	5,445.13	3,709.17	19,724.35	6,952.77
Prob. of Negative Ending Cash (%)						
2007	99	2	1	90	1	27
2008	99	13	1	86	1	44
2009	99	17	1	88	1	68
2010	99	31	1	97	1	89
2011	99	43	1	99	5	96
2012	99	59	1	99	15	98
Prob. of Decreasing Real Net Worth Over 2005-2012 (%)	1	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
Overall Financial Position						
2007-2012 Ranking	Good	Good	Good	Good	Marginal	Marginal
Change Real Net Worth (%)						
2007-2012 Average	3.50	5.00	4.07	4.47	2.14	3.67
NIA to Maintain Real Net Worth (%/Rec.)	-71.15	-83.88	-84.41	-110.86	-102.33	-145.11
NIA for Zero Ending Cash Balance (%/Rec.)	-15.25	-42.73	-24.30	-37.44	31.70	5.78
Govt Payments/Receipts (%)						
2007-2012 Average	0.25	2.55	0.00	0.00	0.00	0.00
Cost to Receipts Ratio (%)						
2007-2012 Average	76.97	45.81	71.04	62.94	90.25	100.48
Total Cash Receipts (\$1000)						
2005	290.92	227.38	288.68	448.78	206.60	646.81
2006	283.62	234.11	279.49	428.84	191.00	628.92
2007	295.05	243.90	281.22	450.79	129.12	632.45
2008	302.39	248.78	285.50	460.75	128.12	644.28
2009	294.24	242.94	278.56	458.76	124.60	627.11
2010	280.30	235.39	262.69	447.76	119.65	593.45
2011	279.70	235.83	258.57	441.74	119.12	583.43
2012	271.55	232.65	247.97	434.56	115.89	564.55
2007-2012 Average	287.20	239.92	269.08	449.06	122.75	607.54
Government Payments (\$1000)						
2005	0.00	9.53	0.00	0.00	0.00	0.00
2006	0.00	5.09	0.00	0.00	0.00	0.00
2007	0.50	5.28	0.00	0.00	0.00	0.00
2008	0.75	6.07	0.00	0.00	0.00	0.00
2009	0.85	6.11	0.00	0.00	0.00	0.00
2010	0.68	5.71	0.00	0.00	0.00	0.00
2011	0.82	6.31	0.00	0.00	0.00	0.00
2012	0.66	5.63	0.00	0.00	0.00	0.00
2007-2012 Average	0.71	5.85	0.00	0.00	0.00	0.00
Net Cash Farm Income (\$1000)						
2005	101.03	132.10	123.38	186.46	88.19	115.47
2006	88.12	134.23	108.93	151.72	47.97	69.68
2007	82.50	143.30	100.91	169.97	33.46	56.45
2008	92.00	143.16	102.15	177.66	17.47	53.03
2009	80.01	138.29	92.05	178.67	16.05	30.52
2010	68.66	121.75	75.31	168.45	10.18	-6.96
2011	68.60	126.83	70.99	160.11	2.79	-28.53
2012	53.13	121.37	58.17	152.11	0.79	-54.68
2007-2012 Average	74.15	132.45	83.26	167.83	13.46	8.30
Ending Cash Reserves (\$1000)						
2005	59.07	68.11	67.16	102.92	38.98	68.50
2006	96.51	142.58	120.10	168.35	48.52	88.35
2007	122.98	212.27	170.31	248.61	41.16	92.45
2008	161.71	284.45	219.09	332.25	19.01	87.71
2009	190.56	350.84	260.09	417.98	-17.02	63.25
2010	206.31	378.72	285.77	499.21	-66.62	8.35
2011	229.37	425.46	307.57	577.56	-121.72	-78.01
2012	223.68	459.42	312.91	653.26	-175.97	-182.14
Nominal Net Worth (\$1000)						
2005	3,355.75	2,144.58	3,146.22	5,549.27	2,370.39	13,017.06
2006	3,731.94	2,396.25	3,479.43	5,967.80	2,547.96	14,763.37
2007	4,149.47	2,712.99	3,906.00	6,756.12	2,796.91	16,653.21
2008	4,493.86	2,983.18	4,262.98	7,376.42	2,977.58	18,116.20
2009	4,655.33	3,143.76	4,444.01	7,722.81	3,046.39	18,799.53
2010	4,781.86	3,266.62	4,585.60	7,996.24	3,088.30	19,329.80
2011	4,923.81	3,408.11	4,737.17	8,299.69	3,129.81	19,872.68
2012	5,038.32	3,541.12	4,877.17	8,599.37	3,168.66	20,403.04
Prob. of Negative Ending Cash (%)						
2007	1	1	1	1	1	11
2008	1	1	1	1	16	24
2009	1	1	1	1	79	30
2010	1	1	1	1	99	45
2011	1	1	1	1	99	67
2012	1	1	1	1	99	85
Prob. of Decreasing Real Net Worth Over 2005-2012 (%)	1	1	1	1	1	1

Figure 46. Beef Cattle Ranches

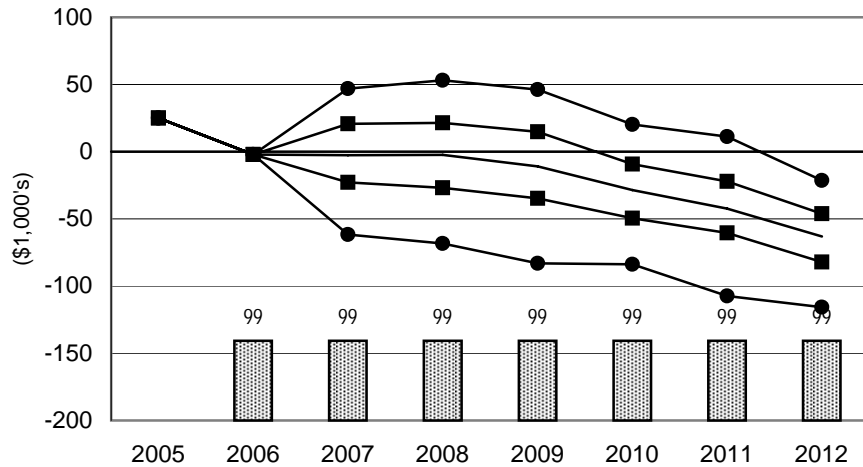
Economic and Financial Position Over the Period, 2007-2012, for all Cattle Ranches



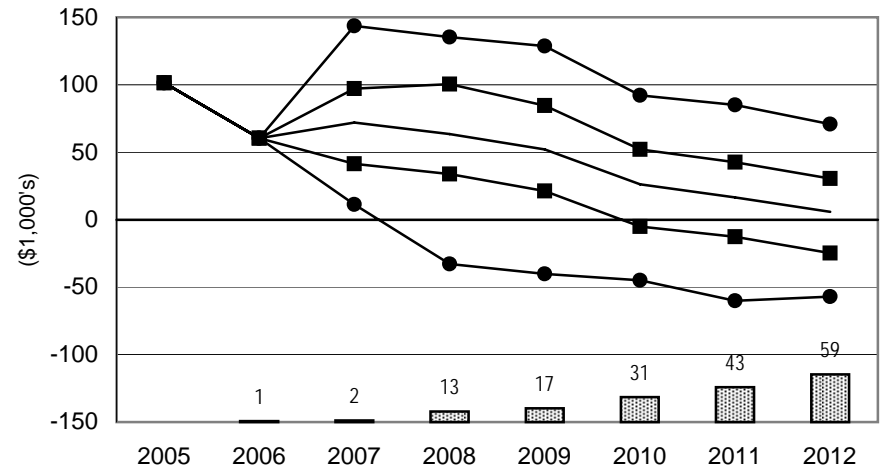
**Figure 47. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Beef Cattle Ranches**

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

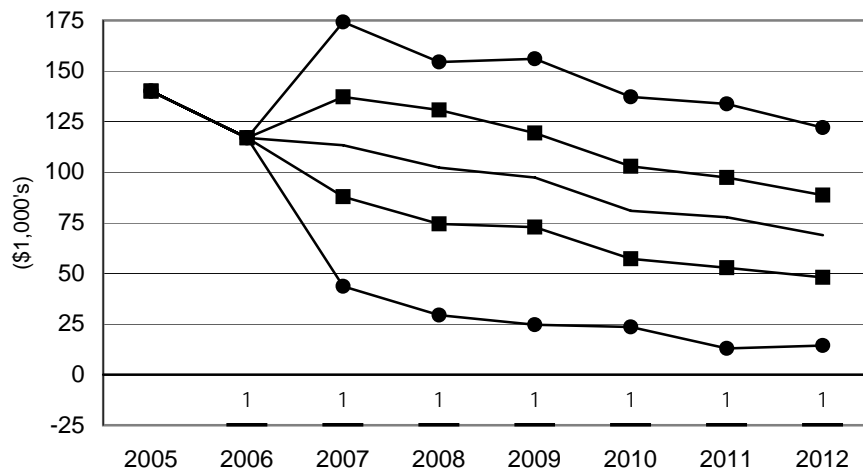
CAB500 California Cattle Ranch



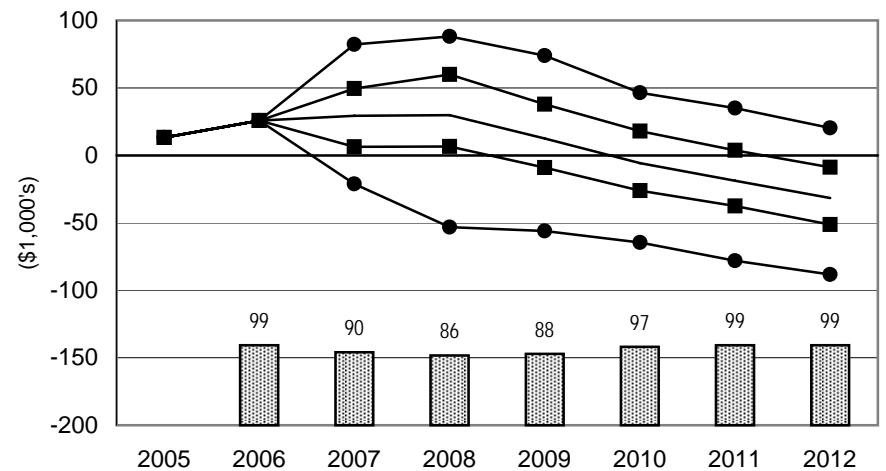
NVB700 Nevada Cattle Ranch



MTB500 Montana Cattle Ranch



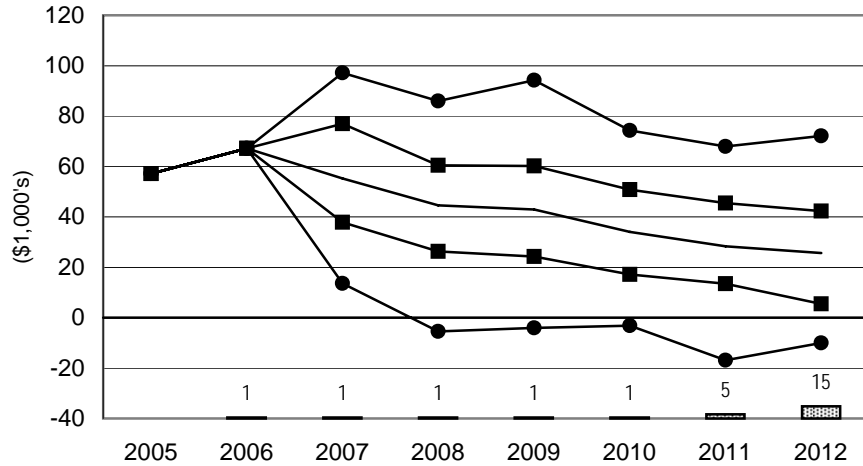
WYB335 Wyoming Cattle Ranch



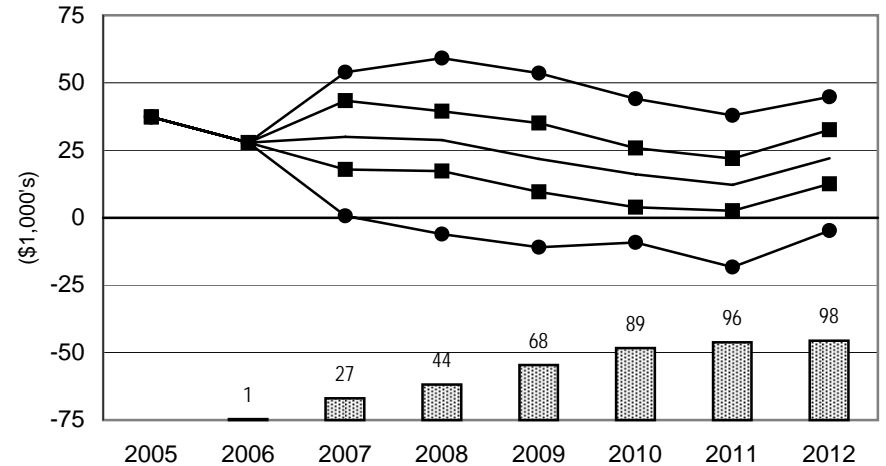
**Figure 48. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Beef Cattle Ranches**

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

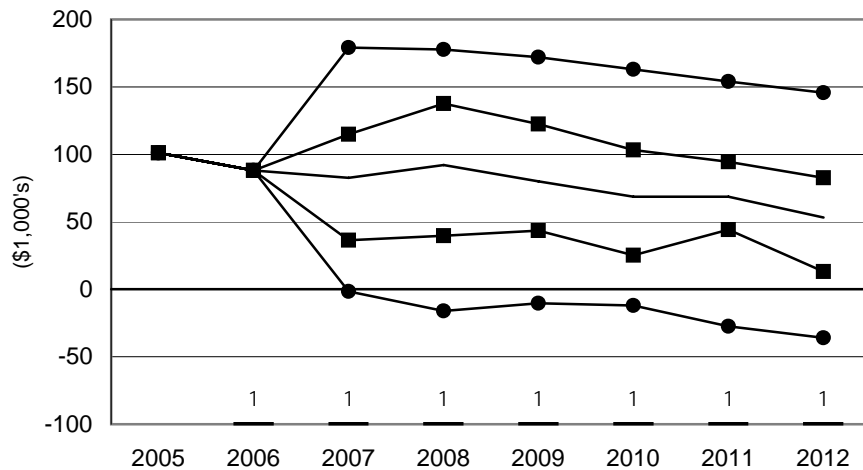
COB250 Colorado Cattle Ranch



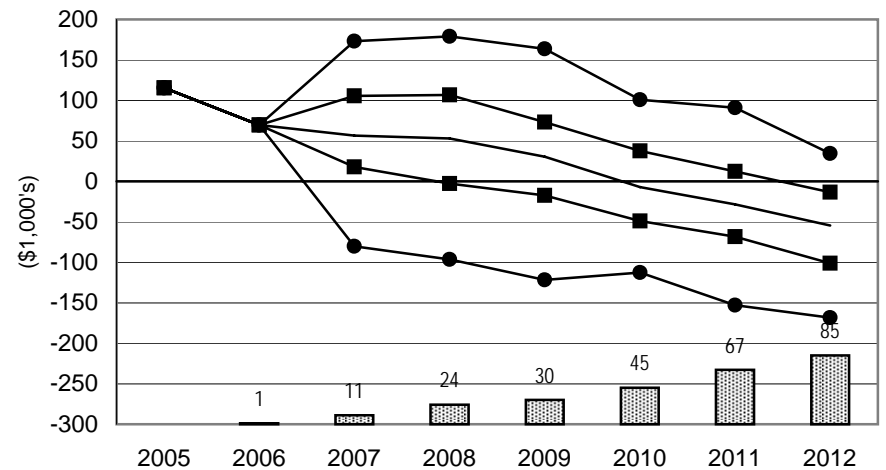
NMB240 New Mexico Cattle Ranch



SDB450 South Dakota Cattle Ranch



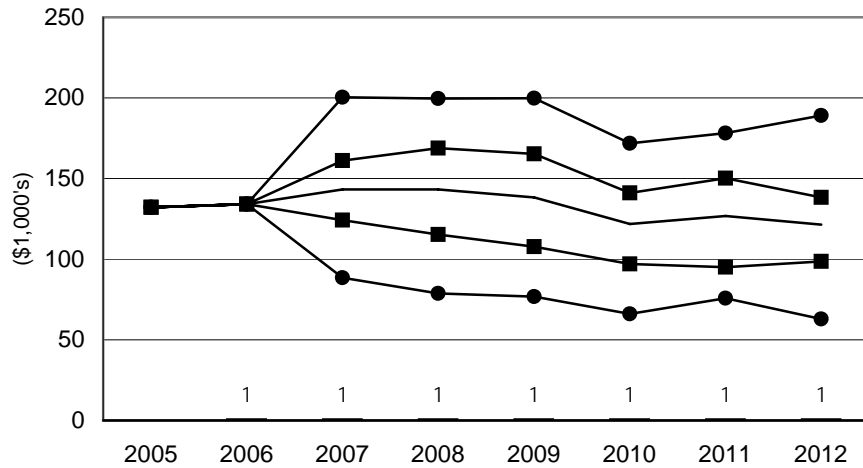
FLB1155 Florida Cattle Ranch



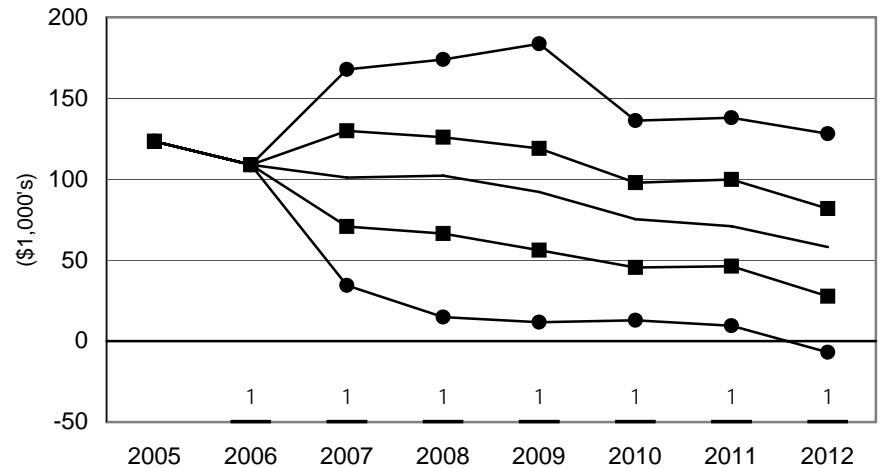
**Figure 49. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Beef Cattle Ranches**

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

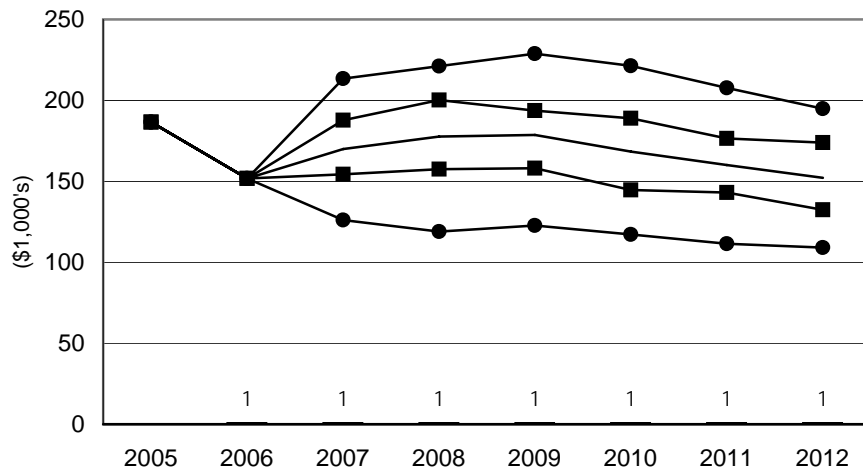
MOB250 Southwest Missouri Cattle Ranch



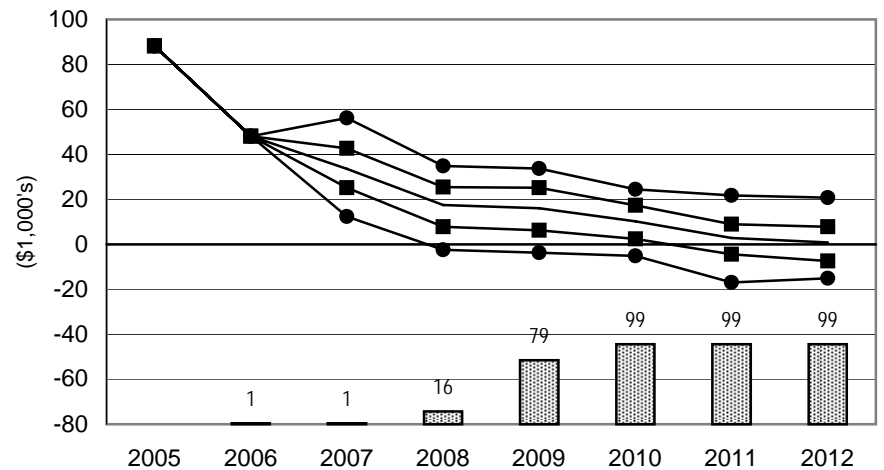
MOCB400 Central Missouri Cattle Ranch



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-three 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, 76 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 79% 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	1,490.00	5,027.00	2,175.00	5,421.00	741.00	5,736.00	4,938.00	6,756.00	4,639.00
Real Estate	1,132.00	3,819.00	1,322.00	3,236.00	398.00	2,990.00	3,923.00	4,931.00	3,641.00
Machinery	314.00	998.00	732.00	1,920.00	312.00	1,790.00	605.00	1,006.00	427.00
Other & Livestock	45.00	210.00	121.00	265.00	31.00	957.00	411.00	818.00	571.00
Debt/Asset Ratios									
Total	0.17	0.17	0.14	0.22	0.16	0.12	0.15	0.15	0.13
Intermediate	0.19	0.20	0.10	0.32	0.16	0.12	0.27	0.25	0.11
Long Run	0.17	0.16	0.17	0.17	0.16	0.16	0.14	0.14	0.14
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	600.00	1,483.40	1,044.00	2,026.60	472.40	2,059.00	723.20	1,205.60	782.30
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	435.20	1,083.50	860.90	1,537.20	106.10	774.50	465.40	802.70	383.40
	0.73	0.73	0.83	0.76	0.23	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	164.80	399.90	114.70	379.40	261.20	853.00	257.20	386.70	240.70
	0.28	0.27	0.11	0.19	0.55	0.41	0.36	0.32	0.31
Hay	0.00	0.00	68.40	110.00	0.00	0.00	0.00	0.00	10.20
	0.00	0.00	0.07	0.05	0.00	0.00	0.00	0.00	0.01
Dry Peas	0.00	0.00	0.00	0.00	0.00	99.00	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, 63 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 72 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 63 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 31 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 56 percent of 2006 receipts from corn sales and 25 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	2,004.00	5,147.00	3,979.00	1,160.00	775.00	255.00	932.00	3,087.00	1,211.00	5,826.00
Real Estate	1,424.00	4,263.00	2,903.00	681.00	533.00	0.00	477.00	2,010.00	605.00	4,697.00
Machinery	311.00	537.00	1,076.00	446.00	197.00	255.00	416.00	955.00	389.00	758.00
Other & Livestock	269.00	346.00	0.00	33.00	44.00	0.00	39.00	122.00	217.00	371.00
Debt/Asset Ratios										
Total	0.13	0.14	0.23	0.23	0.20	0.23	0.21	0.19	0.15	0.18
Intermediate	0.11	0.16	0.24	0.15	0.10	0.16	0.09	0.29	0.22	0.40
Long Run	0.13	0.14	0.16	0.16	0.16	0.00	0.15	0.14	0.16	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	401.70	956.10	2,583.30	500.60	352.90	702.60	296.30	938.40	874.00	1,531.10
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	242.60	597.60	937.30	224.30	175.10	152.60	188.80	410.20	78.40	856.60
	0.60	0.63	0.36	0.45	0.50	0.22	0.64	0.44	0.09	0.56
Sorghum	0.00	0.00	0.00	133.40	45.10	60.00	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	0.02	0.07	0.12	0.01	0.12
Soybeans	157.90	358.40	0.00	0.00	0.00	0.00	85.80	373.60	21.40	387.00
	0.39	0.38	0.00	0.00	0.00	0.00	0.29	0.40	0.03	0.25
Cotton	0.00	0.00	1,416.10	85.80	98.90	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.

**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 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 85 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 79 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 36 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 40 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	1,277.00	4,848.00	1,197.00	1,274.00	2,567.00	1,175.00	1,923.00	1,101.00	2,149.00	1,532.00	2,648.00
Real Estate	877.00	3,696.00	995.00	868.00	1,904.00	852.00	1,328.00	695.00	1,289.00	1,115.00	1,900.00
Machinery	392.00	1,136.00	190.00	334.00	410.00	274.00	529.00	390.00	854.00	322.00	545.00
Other & Livestock	8.00	16.00	12.00	73.00	252.00	48.00	66.00	16.00	6.00	96.00	204.00
Debt/Asset Ratios											
Total	0.22	0.16	0.15	0.13	0.14	0.23	0.25	0.24	0.19	0.14	0.13
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	0.16	0.16	0.17	0.15	0.14	0.16	0.17	0.16	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	432.90	1,307.20	269.20	333.80	580.80	191.50	417.50	288.80	718.50	402.90	958.80
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
	0.85	0.79	0.94	0.95	0.98	0.33	0.70	0.66	0.48	0.48	0.40
Sorghum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.00	212.00	48.10	93.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.30	0.12	0.10
Barley	31.40	60.30	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	91.20	98.40	361.50
	0.00	0.00	0.00	0.00	0.00	0.28	0.15	0.00	0.13	0.24	0.38
Soybeans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.70	69.60	0.00	50.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.10	0.00	0.05
Dry Peas	34.20	195.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.08	0.15	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	0.02	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. Sixty-one 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-eight 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 69 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, 62 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	2,934.00	928.00	2,256.00	2,538.00	1,656.00	580.00	871.00	1,150.00	1,276.00	2,694.00
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	1,657.00	410.00	839.00	963.00	927.00	289.00	574.00	446.00	931.00	1,051.00
Other & Livestock	0.00	0.00	0.00	0.00	246.00	281.00	14.00	0.00	7.00	12.00	24.00
Debt/Asset Ratios											
Total	0.59	0.37	0.26	0.25	0.18	0.15	0.28	0.23	0.21	0.36	0.22
Intermediate	0.18	0.25	0.10	0.14	0.23	0.20	0.26	0.08	0.12	0.28	0.29
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	1,160.10	2,650.40	542.90	927.80	1,157.70	1,503.70	245.60	635.40	711.20	1,675.60	1,068.80
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	637.50	1,483.90	483.90	787.20	708.20	1,434.80	190.90	436.30	528.10	1,127.00	660.80
	0.55	0.56	0.89	0.85	0.61	0.95	0.78	0.69	0.74	0.67	0.62
Sorghum	135.70	213.00	0.00	0.00	0.00	26.70	0.00	91.60	144.60	548.70	237.80
	0.12	0.08	0.00	0.00	0.00	0.02	0.00	0.14	0.20	0.33	0.22
Wheat	95.70	126.90	0.00	0.00	128.50	16.00	46.70	0.00	0.00	0.00	0.00
	0.08	0.05	0.00	0.00	0.11	0.01	0.19	0.00	0.00	0.00	0.00
Corn	228.40	695.60	0.00	0.00	230.90	0.00	0.00	97.90	38.50	0.00	0.00
	0.20	0.26	0.00	0.00	0.20	0.00	0.00	0.15	0.05	0.00	0.00
Peanuts	0.00	0.00	53.20	131.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.10	0.14	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	170.10
	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 (65 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 16 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	13,749.00	911.00	7,289.00	6,271.00	2,364.00	4,466.00	1,521.00	3,935.00	3,018.00
Real Estate	12,223.00	94.00	4,376.00	3,313.00	1,010.00	2,753.00	300.00	2,500.00	2,162.00
Machinery	1,072.00	691.00	2,885.00	2,926.00	686.00	1,377.00	1,167.00	818.00	586.00
Other & Livestock	454.00	126.00	28.00	32.00	668.00	335.00	53.00	616.00	270.00
Debt/Asset Ratios									
Total	0.16	0.23	0.30	0.27	0.16	0.22	0.14	0.15	0.16
Intermediate	0.18	0.27	0.32	0.29	0.33	0.16	0.09	0.22	0.18
Long Run	0.16	0.08	0.13	0.12	0.10	0.14	0.16	0.14	0.16
2006 Gross Receipts (\$1,000)*									
Total	6,384.80	1,345.30	3,219.80	2,828.60	933.00	1,698.10	923.30	1,970.40	870.60
Cotton	2,956.60	712.20	1,490.80	2,828.60	674.00	1,326.70	750.30	1,273.70	587.00
	0.46	0.53	0.46	1.00	0.72	0.78	0.81	0.65	0.67
Sorghum	0.00	0.00	150.90	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	118.60	328.50	0.00	98.40	123.10	17.20	108.60	142.50
	0.00	0.09	0.10	0.00	0.11	0.07	0.02	0.06	0.16
Corn	0.00	475.70	0.00	0.00	159.20	165.70	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	960.20	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	588.10	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00
Rice	0.00	38.80	1,249.60	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	150.00	320.00
Acres Leased	275.00	1,596.00	780.00	429.00	945.00	2,400.00	1,650.00	2,880.00
Assets (\$1000)								
Total	1,793.00	5,305.00	3,872.00	1,951.00	1,083.00	939.00	861.00	1,179.00
Real Estate	1,239.00	4,041.00	2,822.00	1,663.00	588.00	48.00	326.00	584.00
Machinery	555.00	1,264.00	988.00	288.00	390.00	870.00	535.00	595.00
Other & Livestock	0.00	0.00	62.00	0.00	105.00	21.00	0.00	0.00
Debt/Asset Ratios								
Total	0.29	0.20	0.20	0.18	0.26	0.47	0.39	0.53
Intermediate	0.23	0.25	0.30	0.18	0.20	0.23	0.28	0.31
Long Run	0.16	0.17	0.17	0.17	0.14	0.13	0.16	0.16
2006 Gross Receipts (\$1,000)*								
Total	483.70	2,318.30	1,299.10	752.00	393.40	825.10	681.70	1,091.60
Rice	483.70	2,278.30	1,295.10	748.00	383.40	817.60	681.70	1,031.50
	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	23.90
	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	36.20
	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, 56 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-one 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	445.00	4,091.00	9,230.00	3,992.00	2,435.00	6,035.00
Real Estate	139.00	2,960.00	6,197.00	2,722.00	1,576.00	4,407.00
Machinery	306.00	1,132.00	2,614.00	1,270.00	823.00	1,588.00
Other & Livestock	0.00	0.00	419.00	0.00	36.00	41.00
Debt/Asset Ratios						
Total	0.86	0.22	0.20	0.19	0.30	0.31
Intermediate	0.32	0.17	0.33	0.23	0.15	0.36
Long Run	0.14	0.13	0.15	0.14	0.13	0.13
2006 Gross Receipts (\$1,000)*						
Total	396.40	1,205.90	2,037.80	1,150.60	558.40	1,515.90
Rice	336.20	680.60	1,444.90	737.60	390.70	1,210.90
	0.85	0.56	0.71	0.64	0.70	0.80
Soybeans	36.20	177.20	592.90	348.70	153.90	305.10
	0.09	0.15	0.29	0.30	0.28	0.20
Corn	0.00	135.80	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	210.10	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	13,162.00	10,084.00	2,842.00	6,710.00	5,957.00	20,172.00	12,215.00	2,652.00	6,345.00
Real Estate	8,079.00	4,753.00	1,919.00	4,506.00	2,880.00	10,538.00	3,880.00	1,211.00	2,460.00
Machinery	324.00	612.00	299.00	706.00	296.00	866.00	753.00	341.00	850.00
Other & Livestock	4,759.00	4,720.00	624.00	1,498.00	2,781.00	8,768.00	7,583.00	1,100.00	3,036.00
Debt/Asset Ratios									
Total	0.16	0.14	0.21	0.26	0.13	0.14	0.12	0.26	0.16
Intermediate	0.01	0.06	0.16	0.12	0.03	0.03	0.05	0.06	0.11
Long Run	0.23	0.21	0.22	0.26	0.21	0.21	0.26	0.24	0.25
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	5,830.00	2,872.00	5,528.00	6,025.00	9,014.00	1,009.00	3,934.00
Real Estate	1,553.00	3,116.00	2,032.00	2,891.00	3,465.00	5,275.00	461.00	2,395.00
Machinery	226.00	886.00	293.00	371.00	1,153.00	1,574.00	138.00	534.00
Other & Livestock	1,018.00	1,828.00	546.00	2,266.00	1,407.00	2,165.00	410.00	1,005.00
Debt/Asset Ratios								
Total	0.17	0.19	0.19	0.15	0.25	0.21	0.16	0.17
Intermediate	0.07	0.11	0.09	0.06	0.15	0.11	0.12	0.08
Long Run	0.24	0.25	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	550.30	2,877.90	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	6.70	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
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 94 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	1,682.00	4,233.00	1,433.00	3,741.00	3,968.00	8,955.00
Real Estate	685.00	2,577.00	1,012.00	2,216.00	2,269.00	4,620.00
Machinery	263.00	502.00	177.00	412.00	157.00	401.00
Other & Livestock	734.00	1,154.00	243.00	1,113.00	1,542.00	3,933.00
Debt/Asset Ratios						
Total	0.16	0.21	0.22	0.17	0.14	0.27
Intermediate	0.16	0.09	0.14	0.11	0.04	0.05
Long Run	0.17	0.24	0.22	0.20	0.22	0.21
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	1,743.20	4,434.30
Milk	474.50	1,274.50	201.60	1,154.00	1,610.20	4,176.10
	0.85	0.88	0.82	0.92	0.92	0.94
Dairy Cattle	54.90	130.10	36.00	92.20	118.20	243.40
	0.10	0.09	0.15	0.07	0.07	0.06
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 13,125 acres of deeded and privately owned leased range. Additionally, 2,000 AUMs are leased from the BLM. 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	13,125.00	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 Leas	2,000.00	4,450.00	1,350.00	2,000.00	200.00	0.00
State/Private AUMs	3,000.00	640.00	5,180.00	700.00	520.00	0.00
Assets (\$1000)						
Total	12,666.00	4,152.00	3,979.00	3,094.00	14,185.00	5,108.00
Real Estate	11,944.00	3,053.00	3,150.00	2,344.00	13,547.00	4,717.00
Machinery	91.00	236.00	150.00	230.00	230.00	88.00
Other & Livestock	631.00	863.00	680.00	521.00	408.00	303.00
Debt/Asset Ratios						
Total	0.01	0.02	0.02	0.03	0.02	0.01
Intermediate	0.02	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	306.90	354.40	299.30	258.00	225.50	292.30
Cattle	306.90	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	43.10	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 MOCB350'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, hence 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 90 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 Leas	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	3,794.00	2,450.00	3,504.00	6,040.00	2,597.00	14,887.00
Real Estate	2,936.00	1,530.00	1,564.00	5,033.00	2,253.00	13,673.00
Machinery	207.00	240.00	112.00	66.00	106.00	137.00
Other & Livestock	652.00	680.00	1,827.00	941.00	237.00	1,078.00
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	0.01
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	283.60	234.10	279.50	428.80	191.00	628.90
Cattle	255.80	150.20	270.20	338.80	158.50	567.70
	0.90	0.64	0.97	0.79	0.83	0.90
Corn	0.00	34.40	0.00	0.00	0.00	0.00
	0.00	0.15	0.00	0.00	0.00	0.00
Sorghum	0.00	0.60	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00
Soybeans	0.00	18.30	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	27.80	16.50	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	61.20
	0.00	0.00	0.02	0.21	0.17	0.10
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 Louder

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

Mr. David Foy

Mr. Terry Kuntz

Mr. Dave Lillich

Mr. Ken Remington

Mr. Dave Wagers

Mr. John Wright

Ms. Sara Davis

Mr. William Harman

Mr. Rick Lewton

Mr. Max Olsen

Mr. Calvin Schaffert

Mr. Monte Willeke

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. Richard Calliham

Mr. Dennis Franklin

Mr. Lee Jueneman

Mr. Lance Leebrick

Mr. Steve Schertz

Mr. Steve Busse

Mr. Sam Crouse

Mr. Lyman Goetsch

Mr. Brian Laufer

Mr. Harold Mizell

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. Kent Ott

Mr. Nick Steffen

Mr. Tim Turek

Mr. Dennis Gruenbacher

Mr. Rae Reusser

Mr. Jim Stuhlsatz

Mr. Robert White

Montana - North Central

Facilitators

Mr. Lochiel Edwards

Panel Participants

Mr. Darin Arganbright

Mr. Duane Beirwagen

Mr. Dan Works

Mr. Steve Bahnmilller

Mr. Will Roehm

Oregon - North Central

Facilitators

Jon Farquharson - BMCC Farm Management

Panel Participants

Mr. Dana Heideman

Mr. Joe McElligott

Mrs. Shannon Rust

Mr. Bill Jepsen

Mr. Craig Miles

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
Dr. Steve Ford
Ms. Larkin Martin

Mr. Paul Clark
Mr. William Lee
Mr. Ron Terry

Arkansas

Facilitators

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

Panel Participants

Mr. Phillip Baugh
Mr. Joe Mencer
Mr. Sam Whitaker

Mr. Jeff Keeter
Mr. Jim Whitaker

Arkansas - Adams Land Co. Gin

Facilitators

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

Panel Participants

Mr. Chad Costner
Mr. Todd Edwards
Mr. Randy Jackson

Mr. Heath Donner
Mr. Cole Hawkins
Mr. David Wildy

California - Hanford

Facilitators

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

Panel Participants

Mr. Bo Champlin
Mr. Bill Stone

Mr. Bob Prys
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. David Holton

Mr. John Bridges, Jr.
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. J. Macon LaFoe, Sr.
Mr. Buddy Page

Mr. Buddy Davis
Mr. Randy Miller
Mr. Jerry Stutts

COTTON FARMS (CONTINUED)

North Carolina

Facilitators

Mr. Kevin Johnson - County Extension Agent, Wayne County

Panel Participants

Mr. Daryl Anderson

Mr. Landis Brantham, Jr.

Mr. Willie Howell

Mr. David B. Mitchell, Sr.

Mr. Danny C. Pierce

Mr. Craig West

Mr. Bryant Worley

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. R. Morris English, Jr.

Mr. Dewayne Hendrix

Mr. Tom Karcher

Mr. Allen King

Mr. John King

Mr. Travis Lonon

Mr. William E. Powers

Mr. Ronald Woods

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. Brad Bickham

Mr. Clarence Chopelas

Mr. Jimmy Dodson

Mr. Joel Hoskinson

Mr. Wayne Lambert

Mr. Larry McNair

Mr. Andrew Miller

Mr. Mark Morris

Mr. Darby Salge

Texas - Eastern Caprock

Facilitators

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

Panel Participants

Mr. Lloyd Arthur

Mr. Brooks Ellison

Mr. Edwin Moore

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. Dave Peterson - Regional Vice President, First Ag Credit
Mr. Steve Young - County Extension Agent, Castro County

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.

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

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

Panel Participants

Mr. Greg Baltz

Mr. Kyle Baltz

Mr. Michael Curetor

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 Larrabey

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

California - Sutter County

Facilitators

Dr. Cass Mutters - 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

RICE FARMS (CONTINUED)

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 Yarbro	

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	

Texas - Eagle Lake-Colorado County

Panel Participants

Mr. Andy Anderson	Mr. Steve Balas
Mr. Kenneth Danklefs	Mr. W.A. "Billy" Hefner, III
Mr. Jason Hlavinka	Mr. Patrick Pavlu
Mr. John Waligura	Mr. Brian Wiese

Texas - El Campo-Wharton County

Panel Participants

Mr. L.G. Raun	Mr. Layton Raun
Mr. Glen Rod	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

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

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 Idaho

Panel Participants

Mr. William Bokma
Mr. & Mrs. Martin Lee
Mr. Mike Roth
Mr. Donald Taber
Mr. John Wright
Mr. Harry Hogland
Mr. Michael Quesnell
Mr. Edwin Southfield
Mr. & Mrs. Rick Thompson

Missouri

Facilitators

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

Panel Participants

Mr. Daryl Davis
Mr. Steve Gallivan
Mr. Freddie Martin
Mr. Doug Owen
Mr. Herb Dighero
Mr. Robert Hensley
Mr. John McArthur
Mr. Wayne Whitehead

DAIRY FARMS (CONTINUED)

New Mexico

Facilitators

Mr. Robert Hagevoort

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

Panel Participants

Mr. Isaak Bos

Mr. Joe Gonzalez

Mr. Eric Palla

Mr. Wayne Palla

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. Mike Learn

Mr. Bill Leonard

Mr. Dan Leonard

Mr. and Mrs. Mike McMahon

Mr. Kenton Patchen

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. Pete Duppengieser

Ms. Kitty Dziedzic

Mr. John Emerling

Mr. Walter Faryns

Mr. Bill Fitch

Mr. Tom Fitch

Mr. Kent 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. Alan Screws

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. David Lawrence

Mr. Reed Mulliken

Mr. Larry Hancock

Mr. Mark Long

Mr. Robert "Bob" Wade

Vermont

Facilitators

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

Panel Participants

Mr. Paul Bourbeau

Mr. Ashley Farr

Mr. Kim Harvey

Mrs. Polly McEwing

Mr. & Mrs. Stanley Scribner

Mr. David Conant

Mr. Ted Foster

Mr. Steven Jones

Mr. Les Pike

Mr. Onan Whitcomb

Washington

Facilitators

Mr. Craig MacConnell - Extension Faculty, Whatcom County

Panel Participants

Mr. Dick Bengen

Mr. Rod De Jong

Mr. Ed Pomeroy

Mr. John Steensma

Mr. Ron Bronsema

Mr. Larry DeHaan

Mr. Jeff Rainey

Mr. Peter Vlas

Wisconsin

Facilitators

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

Panel Participants

Mr. Chris Bonlender

Mr. and Mrs. Charlie Knigge

Mr. Joe Kuehnl

Mr. Rob Stone

Mr. and Mrs. Douglas Hodorff

Mr. Kevin Krentz

Mr. Larry Pollack

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 Extension
Mr. Glenn Nader - Farm Advisor, Livestock and Natl. Res., California Cooperative Extension

Panel Participants

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

Colorado

Facilitators

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

Panel Participants

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

Florida

Panel Participants

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

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. G. Douglas Black
Mr. Paul Heithold	Mr. Ken Lenox

Missouri - Southwest

Facilitators

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

Panel Participants

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

Montana

Facilitators

Mr. Kent Williams - County Extension Agent, Custer County

Panel Participants

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

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 University
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