

AFPC

Agricultural & Food Policy Center
at Texas A&M University

Representative Farms Economic Outlook for the January 2006 FAPRI/AFPC Baseline



AFPC Working Paper 06-1

February 2006

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:

Agricultural and Food Policy Center
Department of Agricultural Economics
2124 TAMUS
Texas A&M University
College Station, Texas 77843-2124

or call 979-845-5913.

**REPRESENTATIVE FARMS ECONOMIC
OUTLOOK FOR THE JANUARY 2006
FAPRI/AFPC BASELINE**

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Joe L. Outlaw
James W. Richardson
Brian K. Herbst
George M. Knapek
David P. Anderson
James D. Sartwelle, III
J. Marc Raulston
Steven L. Klose
Peter Zimmer



Agricultural and Food Policy Center
Department of Agricultural Economics
Texas Agricultural Experiment Station
Texas Cooperative Extension
Texas A&M University

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College Station, Texas 77843-2124
Telephone: (979) 845-5913
Fax: (979) 845-3140
Web Site: <http://www.afpc.tamu.edu/>

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Executive Summary

The Agricultural and Food Policy Center (AFPC) at Texas A&M University develops and maintains data to simulate 102 representative crop and livestock operations in major production areas in 28 states. The chief purpose of this analysis is to project those farms' economic viability for 2006 through 2010. 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 January 2006 Baseline.

Under the January 2006 Baseline, eight of the 66 crop farms are considered in good liquidity condition (less than a 25 percent chance of negative ending cash during 2006-2010). Three crop farms have between a 25 percent and a 50 percent likelihood of negative ending cash. The remaining 55 crop farms have greater than a 50 percent chance of negative ending cash. This is a slight decline in projected liquidity from the December 2005 Baseline. Additionally, 17 of the 66 crop farms are considered in good equity position (less than a 25 percent chance of decreasing real net worth during 2006-2010). Five crop farms have between a 25 percent and 50 percent likelihood of losing real net worth, and 44 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:** Three of the 18 feedgrain farms are in good overall financial condition. Six can be considered to be in marginal condition, and nine are in poor condition.
- **WHEAT FARMS:** Four of the 13 wheat farms are classified in good financial condition, one (ORW4000) is marginal, and eight are in poor condition.
- **COTTON FARMS:** One (TNC1900) of the 20 cotton farms is classified in good condition, one (CAC4000) is in moderate condition, and 18 are in poor condition. Also, 18 of these farms have more than a 50 percent chance of losing real net worth by 2010.
- **RICE FARMS:** None of the 15 rice farms are in good condition, two are classified in marginal condition, and 13 farms are projected to be in poor financial condition through 2010.
- **DAIRY FARMS:** Thirteen of the 23 dairy farms are in good overall financial condition. Four are considered to be in marginal condition, and six are in poor condition.
- **BEEF CATTLE RANCHES:** Six of the 13 cattle ranches are classified in good financial condition, two are classified in marginal condition, and five are projected in poor condition.

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REPRESENTATIVE FARMS ECONOMIC OUTLOOK FOR THE JANUARY 2006 FAPRI/AFPC BASELINE

The farm level economic impacts of the Farm Security and Rural Investment Act of 2002 (2002 Farm Bill) on representative crop and livestock operations are projected in this report. The analysis was conducted over the 2006-2010 planning horizon using FLIPSIM, AFPC's whole farm simulation model. Data to simulate farming and ranching 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) January 2006 Baseline.

The primary objective of the analysis is to determine the farms' economic viability by region and commodity through the life of the 2002 Farm Bill.

The FLIPSIM policy simulation model incorporates the historical risk faced by farmers and ranchers for prices and production. This report presents the results of the January 2006 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 farms through the year 2010.

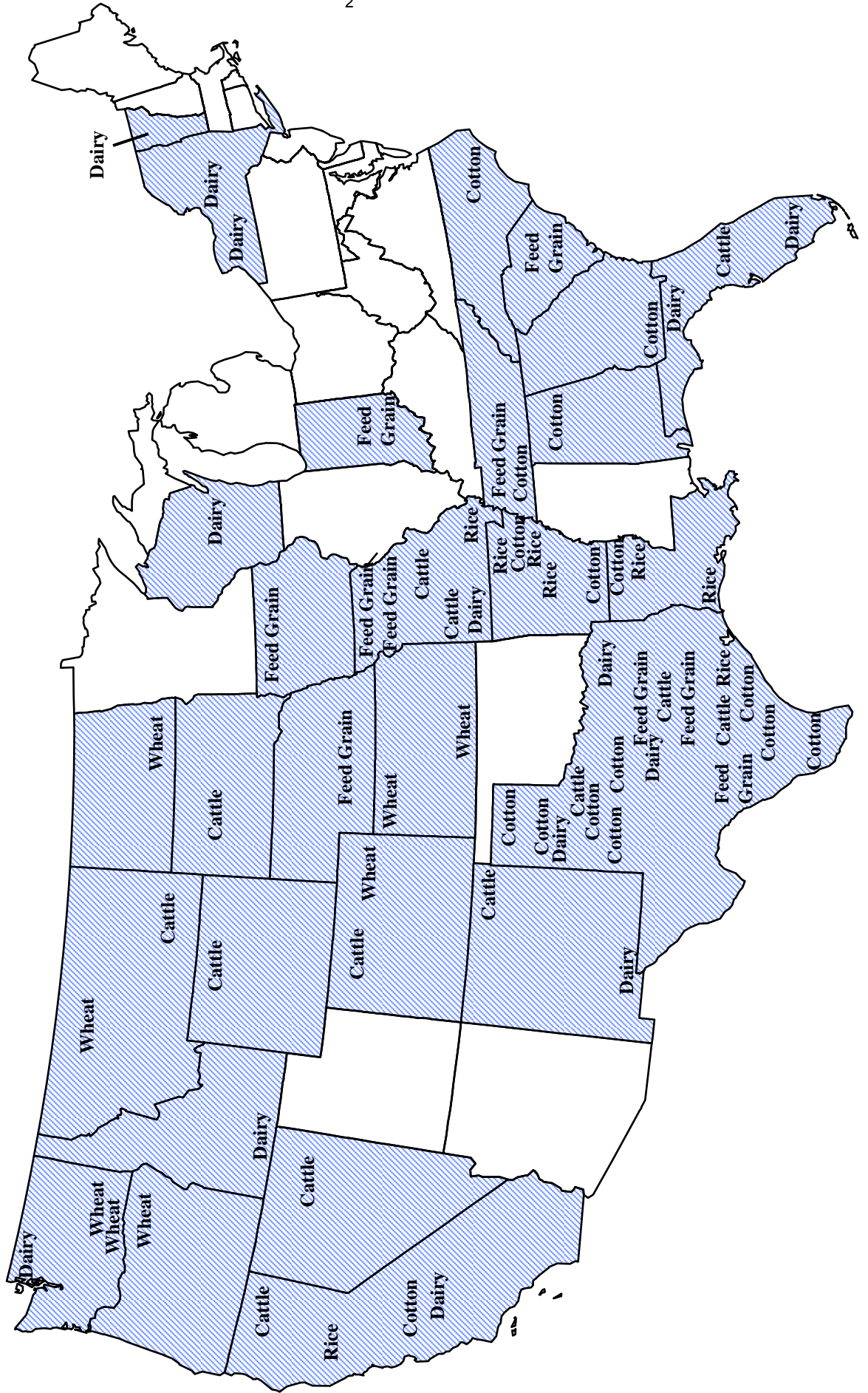
This report is organized into ten sections. The first section summarizes the process used to develop the representative farms and the key assumptions utilized for the farm level analysis. The second section summarizes the FAPRI January 2006 Baseline and the policy and price assumptions used for the representative 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 section 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 102 representative crop and livestock farms chosen from major production areas across the United States (Figure 1). Characteristics for each of the farms 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 five-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.

Figure 1. Representative Farms and Ranches



All farms used in the analysis have been updated with the panels since March 2002. All of the crop farms are assumed to begin 2004 with 20 percent intermediate-term and long-term debt, based on information provided by ERS-USDA and the panel members. Initial debt levels in 2004 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 2004 are based on a stratified tabulation of USDA's Farm Cost and Returns Survey for 2000, using the survey data for moderate to large size farms in states where AFPC has representative farms.

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 January 2006 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 (2004) were held constant based on actual values obtained from the producers. Crop yields for 2006-2010 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 2004. FAPRI's January 2006 Baseline prices were localized for the farms and used as the average prices for 2006-2010 to simulate stochastic crop and livestock prices.
- Dairy and cattle herd sizes are held constant for all farms over the 2006-2010 planning horizon.
- The farms were structured so government payment limits were not effective at reducing direct, counter-cyclical, or loan deficiency payments.
- Minimum family living withdrawals were assumed to be the higher of 10 percent of gross receipts or \$20,000 annually. Actual family living withdrawals are determined by historical consumption patterns. Therefore, as the farm's profitability increases so does the level of family living withdrawals.
- 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 January 2006 FAPRI Baseline which assumes continuation of the 2002 Farm Bill through 2010.
- 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 January 2006 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 January 2006 FAPRI Baseline.
- The milk support price remains at \$9.90/cwt. through 2010.
- Actual average loan deficiency payment (LDP) rates in the counties where the representative farms are located are used for 2004.
- All crop farms except rice are assumed to carry Multi-Peril Crop Insurance (MPCI) at the 65/100 level.

New and Updated Farms and Ranches Since the December 2005 Baseline Update

Since publication of the December 2005 AFPC Representative Farms Baseline Update, no new representative farms have been added to the national farm set. The following eight farms have been updated:

KSCW1600	Increased acreage from 1,385 to 1,600.
KSCW4000	No change in acreage. Removed beef cow operation from farm. Decreased wheat acreage and significantly increased corn and soybean acreage.
MOCG2050	Increased acreage from 1,700 to 2,050.
MOCG3630	No change in total farm acreage. Increased corn and decreased soybean acreages.
MOD85	No change in milking herd size.
MOD400	No change in milking herd size.
MOB250	Cowherd increased from 150 head to 250.
MOCB400	Cowherd increased from 350 head to 400 and reduced hay acreage.

FAPRI January 2006 Baseline

Projected crop prices for FAPRI's January 2006 Baseline are summarized in Table 1. Individual crop prices are projected to move as follows:

- Corn prices start at \$2.08/bu in 2006 and increase until they reach \$2.44/bu by 2010.
- Wheat prices range between \$3.30/bu and \$3.61/bu between 2006 and 2010, strengthening through that time.
- Cotton prices start at \$0.4832/lb in 2006 and are expected to stay near \$0.51/lb through 2010.
- Rice prices range between \$7.31/cwt and \$7.77/cwt between 2006 and 2010.
- Soybeans are expected to rally from \$4.96/cwt in 2006 to the mid-\$5.50s by 2010.

Assumed loan rates and direct payment rates are reported in Table 1. The annual direct payment rates for 2002-2007 reflect the increase in these payment rates authorized in the 2002 Farm Bill. All payment rates are assumed to remain constant at 2007 levels for 2008 through 2010.

Projected livestock prices and state and national milk prices for FAPRI's January 2006 Baseline are presented in Table 2. In general, cattle prices are projected to decline each year from 2006 through 2010 coinciding with cyclical expansion of the nation's beef cowherd. Specifically, classes of cattle and milk prices are projected to move as follows:

- Feeder cattle prices are projected to decrease from \$113.18/cwt in 2006 to \$90.37/cwt in 2010.
- Cull cow prices start at \$51.01/cwt in 2006, decreasing to \$42.33/cwt by 2010.
- The U.S. all milk prices are projected to remain fairly stable, ranging between \$13.22/cwt and \$13.65/cwt.

Projected annual rates of change for variable cash expenses are summarized in Table 3. The rate of change in input prices come from FAPRI's January 2006 Baseline. Annual interest rates from Global Insight paid for intermediate-term and long-term loans and earned for savings are also reported in Table 3. Assumed annual rates of change in land values over the 2006-2010 period are provided by the FAPRI Baseline and are projected to range between a -0.53% and a 7.82% per year change in nominal land values.

Table 1. FAPRI January 2006 Baseline Projections of Crop Prices, Loan Rates, and Direct Payment Rates, 2004-2010

	2004	2005	2006	2007	2008	2009	2010
Crop Prices							
Corn (\$/bu.)	2.06	1.90	2.08	2.20	2.30	2.38	2.44
Wheat (\$/bu.)	3.40	3.38	3.30	3.39	3.45	3.55	3.61
Cotton (\$/lb.)	0.4160	0.4811	0.4832	0.5112	0.5148	0.5135	0.5145
Sorghum (\$/bu.)	1.79	1.69	1.96	2.04	2.11	2.18	2.23
Soybeans (\$/bu.)	5.74	5.40	4.96	5.25	5.45	5.48	5.52
Barley (\$/bu.)	2.48	2.48	2.60	2.66	2.73	2.75	2.77
Oats (\$/bu.)	1.48	1.55	1.64	1.69	1.74	1.79	1.82
Rice (\$/cwt.)	7.33	7.77	7.31	7.42	7.24	7.52	7.77
Soybean Meal (\$/ton)	174.44	165.33	159.53	164.38	164.96	163.76	163.50
All Hay (\$/ton)	92.00	95.23	97.36	98.27	99.56	101.06	102.37
Peanuts (\$/ton)	378.00	350.04	364.31	377.78	389.75	390.64	388.41
Loan Rates							
Corn (\$/bu.)	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
Cotton (\$/lb.)	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
Soybeans (\$/bu.)	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
Oats (\$/bu.)	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
Peanuts (\$/ton)	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
Wheat (\$/bu.)	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
Sorghum (\$/bu.)	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
Barley (\$/bu.)	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
Rice (\$/cwt.)	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

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

Table 2. FAPRI January 2006 Baseline Projections of Livestock and Milk Prices, 2004-2010

	2004	2005	2006	2007	2008	2009	2010
Cattle Prices							
Feeder Cattle (\$/cwt)	111.79	120.04	113.18	105.54	100.47	95.34	90.37
Fat Cattle (\$/cwt)	84.75	87.28	83.93	81.68	79.35	76.46	74.19
Culled Cows (\$/cwt)	52.35	54.59	51.01	48.03	45.65	44.09	42.33
Milk Prices -- National and State							
All Milk Price (\$/cwt)	16.05	15.14	13.38	13.22	13.47	13.66	13.65
California (\$/cwt)	14.47	13.90	12.17	12.04	12.30	12.50	12.48
Florida (\$/cwt)	19.20	18.59	16.69	16.54	16.79	17.00	17.01
Idaho (\$/cwt)	14.96	14.21	12.43	12.28	12.53	12.75	12.75
Missouri (\$/cwt)	16.36	15.53	13.67	13.52	13.78	13.99	13.99
New Mexico (\$/cwt)	15.22	14.34	12.55	12.40	12.67	12.87	12.87
New York (\$/cwt)	16.73	15.56	13.77	13.62	13.88	14.09	14.09
Texas (\$/cwt)	16.28	15.42	13.61	13.46	13.73	13.94	13.93
Vermont (\$/cwt)	16.63	15.90	14.11	13.96	14.22	14.43	14.43
Washington (\$/cwt)	15.90	15.02	13.28	13.13	13.41	13.61	13.60
Wisconsin (\$/cwt)	16.86	15.62	13.83	13.68	13.94	14.15	14.15

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

Table 3. FAPRI January 2006 Baseline Assumed Rates of Change in Input Prices, Annual Interest Rates, and Annual Changes in Land Values, 2005-2010

	2005	2006	2007	2008	2009	2010
Annual Rate of Change for Input Prices Paid						
Seed Prices (%)	5.09	4.97	4.10	1.74	1.05	0.64
All Fertilizer Prices (%)	16.51	15.02	-6.03	-3.53	-3.66	-3.97
Herbicide Prices (%)	1.11	1.32	-1.25	-0.58	-0.28	-0.46
Insecticide Prices (%)	1.48	5.10	-0.44	0.58	1.49	1.48
Fuel and Lube Prices (%)	28.81	7.90	-1.94	-2.05	-2.66	-3.79
Machinery Prices (%)	6.92	4.27	2.16	3.63	3.13	2.67
Wages (%)	1.99	2.65	3.28	3.05	2.77	2.49
Supplies (%)	9.72	9.96	1.55	0.67	0.01	-0.80
Repairs (%)	4.50	3.77	1.43	1.52	1.61	1.58
Services (%)	4.43	5.22	0.09	0.52	0.57	0.32
Taxes (%)	6.70	4.86	0.34	2.07	1.06	0.44
PPI Items (%)	4.41	3.42	-0.18	0.71	0.72	0.30
PPI Total (%)	5.01	3.75	0.25	1.03	1.01	0.49
Annual Change in Consumer Price Index (%)	3.40	2.64	1.83	1.99	1.96	1.89
Annual Interest Rates						
Long-Term (%)	5.39	6.04	6.07	6.11	6.22	6.15
Intermediate-Term (%)	4.36	4.89	4.91	4.95	5.04	4.98
Savings Account (%)	1.49	1.67	1.68	1.70	1.73	1.71
Annual Rate of Change for U.S. Land Prices (%)	11.00	7.82	1.40	-0.53	0.44	0.68

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, 2006-2010** -- 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, 2006-2010** -- Annualized percentage change in the operator's net worth from January 1, 2006 through December 31, 2010, 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, 2006-2010** -- NIA is the annual change in net cash farm income necessary to insure the farm maintains its real net worth during 2006-2010. 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 2010** -- NIA is the loss in annual net cash farm income a farm can withstand and have a zero ending cash balance in 2010. 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, 2006-2010** -- Sum of all farm program payments (CCP, direct, and loan deficiency payments) divided by total receipts received from the market plus CCP, direct, and 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, CCP, and direct payments, 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/LDP for crops and the 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 2006-2010** -- Is the number of times out of 100 that real net worth at the end of 2010 is less than real net worth at the start of 2006.

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Figure 2. Representative Farms Producing Feed Grains and Oilseeds

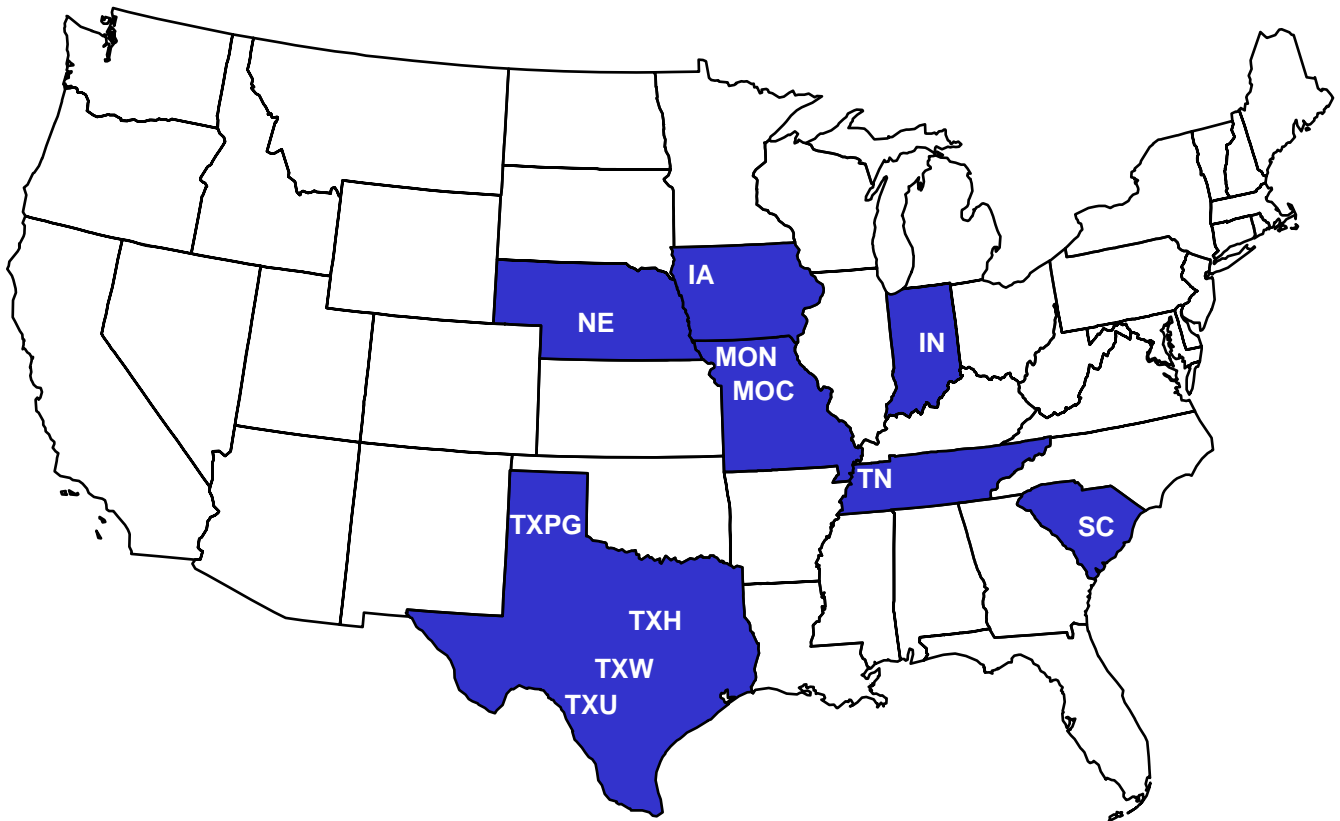


Table 4. Implications of the January 2006 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Feed Grains and Oilseeds.

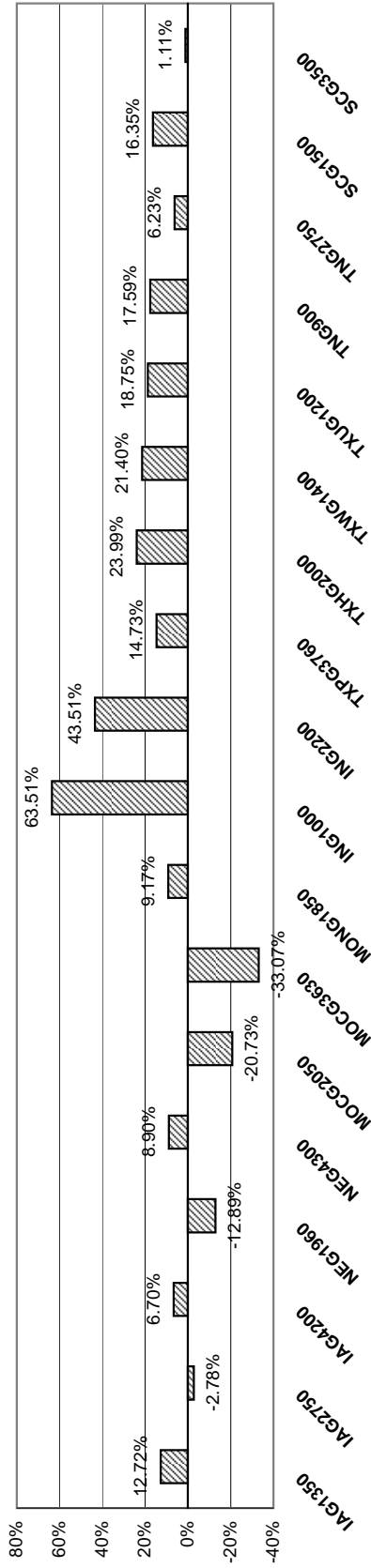
	IAG1350	IAG2750	IAG4200	NEG1960	NEG4300	MOCG2050	MOCG3630	MONG1850	ING1000	ING2200
Overall Financial Position 2006-2010 Ranking	Poor	Marginal	Marginal	Good	Marginal	Good	Good	Marginal	Poor	Poor
Change Real Net Worth (%) 2006-2010 Average	-0.84	2.47	2.07	3.59	1.00	3.43	4.22	1.27	-3.68	-1.21
NIA to Maintain Real Net Worth (%/Rec.)	0.00	-12.26	-9.64	-15.00	-4.87	-43.74	-47.24	-18.79	12.76	0.00
NIA for Zero Ending Cash Balance (%/Rec.)	12.72	-2.78	6.70	-12.89	8.90	-20.72	-33.07	9.17	63.50	43.51
Govt Payments/Receipts (%) 2006-2010 Average	15.15	15.11	15.51	13.04	12.13	13.35	12.47	10.84	14.37	14.91
Cost to Receipts Ratio (%) 2006-2010 Average	95.44	77.47	86.89	78.58	89.94	58.77	54.15	82.63	111.19	107.52
Total Cash Receipts (\$1000)										
2004	436.96	729.11	1,418.74	961.50	1,790.61	677.28	1,119.69	632.98	292.23	684.04
2005	430.90	741.61	1,448.55	1,035.00	1,885.76	600.44	993.08	652.95	293.83	691.08
2006	435.39	749.41	1,465.29	1,026.22	1,883.35	619.03	1,020.61	669.84	296.15	696.50
2007	439.71	756.72	1,479.21	1,024.73	1,895.76	626.50	1,036.38	665.34	299.28	701.82
2008	452.54	778.49	1,515.26	1,042.20	1,935.93	642.68	1,064.77	670.76	307.29	720.24
2009	459.43	790.04	1,532.83	1,061.24	1,965.36	658.92	1,093.89	669.63	311.09	728.79
2010	466.65	802.26	1,556.78	1,076.75	1,997.78	657.87	1,092.73	675.78	315.61	739.25
2006-2010 Average	450.74	775.38	1,509.87	1,046.23	1,935.63	641.00	1,061.68	670.27	305.88	717.32
Government Payments (\$1000)										
2004	67.98	92.94	184.85	129.31	202.22	69.13	113.23	62.30	36.31	87.90
2005	94.16	160.05	321.58	253.91	380.56	120.77	194.03	102.99	58.74	144.33
2006	85.20	145.83	293.91	187.17	306.61	107.92	166.42	92.89	54.89	134.96
2007	71.48	122.59	245.86	146.39	250.53	89.98	139.41	77.10	46.13	112.13
2008	61.85	106.31	213.62	125.23	216.66	77.31	119.37	66.22	40.16	97.48
2009	56.36	97.06	192.40	109.69	194.61	69.79	107.53	59.80	36.73	88.97
2010	51.44	88.75	178.08	98.51	177.70	63.95	98.17	54.58	33.98	82.28
2006-2010 Average	65.27	112.11	224.77	133.40	229.22	81.79	126.18	70.12	42.38	103.16
Net Cash Farm Income (\$1000)										
2004	69.57	198.88	274.06	220.06	268.17	341.74	609.33	157.92	13.72	46.29
2005	36.28	182.98	224.62	240.10	247.58	244.06	450.37	147.35	-7.51	-1.65
2006	20.74	169.91	189.53	201.79	158.50	247.81	451.51	144.82	-25.05	-44.67
2007	22.19	173.58	205.18	205.58	171.37	261.91	476.81	136.40	-25.90	-45.44
2008	34.78	197.00	240.13	226.92	197.80	273.28	508.67	143.03	-26.40	-40.45
2009	42.26	203.10	255.38	248.55	241.67	296.52	547.35	127.91	-30.28	-35.96
2010	46.71	220.25	290.25	275.62	272.98	301.82	546.37	149.99	-30.06	-30.36
2006-2010 Average	33.34	192.77	236.09	231.69	208.47	276.27	506.14	140.43	-27.54	-39.38
Ending Cash Reserves (\$1000)										
2004	0.50	41.37	86.14	87.85	29.00	147.39	225.57	33.92	-72.35	-89.94
2005	-39.94	51.62	-9.28	170.88	14.00	177.82	351.52	20.84	-162.69	-235.34
2006	-96.52	30.79	-131.95	216.83	-152.92	213.24	441.49	0.30	-275.02	-447.39
2007	-143.85	26.82	-242.30	293.52	-255.41	280.05	585.07	-31.98	-399.85	-630.48
2008	-173.37	68.67	-308.98	355.79	-390.71	305.17	727.90	-44.88	-529.12	-826.18
2009	-189.85	74.59	-333.78	410.06	-481.97	347.03	884.84	-165.16	-672.23	-1,022.85
2010	-224.51	72.82	-329.10	457.88	-625.42	399.77	1,020.50	-207.09	-809.96	-1,239.25
Nominal Net Worth (\$1000)										
2004	892.12	1,605.42	3,307.17	1,667.06	4,029.86	3,177.45	4,340.91	3,098.33	1,299.58	3,779.93
2005	948.38	1,768.79	3,575.59	1,895.85	4,460.42	3,618.44	4,979.24	3,483.09	1,390.45	4,137.16
2006	975.51	1,892.10	3,806.98	2,064.73	4,692.30	3,996.41	5,511.64	3,758.45	1,435.01	4,356.10
2007	952.54	1,925.03	3,860.86	2,149.12	4,736.36	4,184.54	5,812.73	3,835.64	1,382.09	4,318.87
2008	939.56	2,009.31	3,918.52	2,214.09	4,701.25	4,282.67	6,032.03	3,863.52	1,289.87	4,186.95
2009	942.43	2,046.77	4,059.22	2,302.70	4,802.31	4,454.80	6,337.85	3,887.35	1,237.64	4,125.09
2010	929.03	2,109.90	4,167.02	2,416.95	4,889.76	4,646.36	6,623.85	3,967.74	1,162.92	4,064.36
Prob. of Negative Ending Cash (%)										
2006	98	31	72	1	90	1	1	43	99	99
2007	96	38	82	1	92	1	1	53	99	99
2008	95	31	87	1	92	1	1	60	99	99
2009	94	32	84	1	95	1	1	78	99	99
2010	94	35	81	1	98	1	1	81	99	99
Prob. of Decreasing Real Net Worth Over 2004-2010 (%)	40	1	2	1	1	1	1	1	33	6

Table 5. Implications of the January 2006 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Feed Grains and Oilseeds.

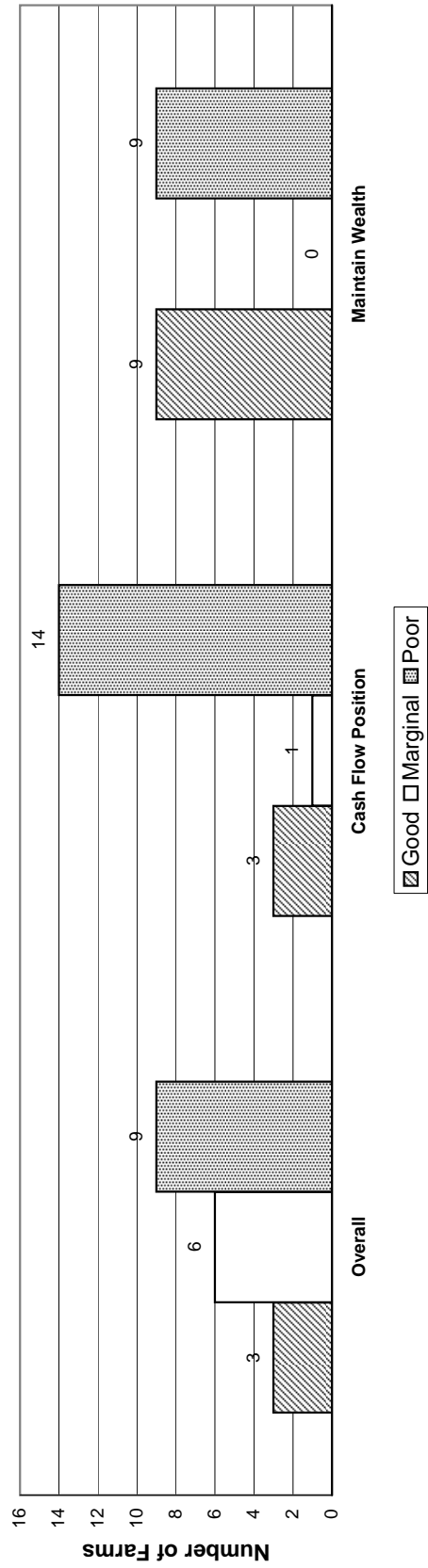
	TXPG3760	TXHG2000	TXWG1400	TXUG1200	TNG900	TNG2750	SCG1500	SCG3500
Overall Financial Position								
2006-2010 Ranking	Poor	Poor	Poor	Poor	Poor	Marginal	Poor	Marginal
Change Real Net Worth (%)								
2006-2010 Average	-7.59	-8.94	-7.09	-40.44	-4.82	1.31	-5.27	1.95
NIA to Maintain Real Net Worth (%/Rec.)	5.19	15.81	12.81	12.73	15.15	-7.65	8.01	-9.96
NIA for Zero Ending Cash Balance (%/Rec.)	14.73	23.98	21.40	18.75	17.59	6.23	16.35	1.11
Govt Payments/Receipts (%)								
2006-2010 Average	14.96	17.98	20.97	17.10	11.52	11.09	21.62	18.94
Cost to Receipts Ratio (%)								
2006-2010 Average	102.10	108.86	103.89	106.38	100.22	76.42	101.92	90.13
Total Cash Receipts (\$1000)								
2004	1,711.91	445.30	327.34	604.10	307.18	942.73	474.20	1,274.06
2005	2,227.62	411.73	301.18	643.19	244.97	781.47	518.04	1,358.70
2006	2,211.68	412.83	303.31	626.92	249.33	798.43	524.37	1,365.08
2007	2,244.83	415.88	304.23	636.76	254.19	819.94	532.74	1,391.16
2008	2,281.49	421.01	309.72	647.45	261.64	843.49	543.20	1,413.87
2009	2,311.69	429.08	313.84	657.45	266.90	857.01	556.61	1,445.59
2010	2,339.85	430.91	316.65	666.69	271.58	872.44	567.04	1,462.16
2006-2010 Average	2,277.91	421.94	309.55	647.05	260.73	838.26	544.79	1,415.57
Government Payments (\$1000)								
2004	340.94	59.86	48.79	133.57	32.08	87.26	70.27	204.11
2005	528.52	119.48	93.98	163.39	44.48	110.80	142.64	338.97
2006	403.10	89.57	73.11	127.96	38.25	112.69	131.82	305.44
2007	346.89	77.75	65.57	110.94	31.74	97.60	119.52	274.18
2008	328.59	71.07	61.23	106.13	27.22	85.38	110.50	251.62
2009	314.03	67.06	59.39	101.68	24.45	78.79	106.03	238.50
2010	302.20	63.01	57.45	98.81	22.58	73.42	103.41	228.11
2006-2010 Average	338.96	73.69	63.35	109.10	28.85	89.58	114.26	259.57
Net Cash Farm Income (\$1000)								
2004	-159.51	47.78	45.69	33.62	88.34	391.42	21.15	208.32
2005	99.80	2.24	13.07	14.78	10.75	193.81	11.24	180.66
2006	-45.04	-22.96	-3.95	-36.84	-1.57	170.44	-20.65	111.34
2007	-15.90	-22.12	-4.71	-33.39	2.37	199.88	-12.07	139.91
2008	3.17	-23.46	-4.53	-28.23	9.08	216.34	-2.36	168.32
2009	27.78	-28.18	-5.75	-23.92	9.04	231.33	8.74	205.84
2010	57.92	-33.96	-4.01	-27.01	11.43	239.15	19.20	238.04
2006-2010 Average	5.59	-26.13	-4.59	-29.88	6.07	211.43	-1.43	172.69
Ending Cash Reserves (\$1000)								
2004	-327.14	-12.82	-4.60	-36.78	26.58	146.11	-31.08	64.59
2005	-387.11	-87.50	-38.57	-84.83	-27.33	115.61	-71.51	89.52
2006	-630.24	-182.55	-86.39	-189.49	-91.16	42.77	-157.80	17.70
2007	-827.92	-251.10	-127.58	-288.75	-120.79	34.28	-214.88	-7.75
2008	-1,047.93	-327.58	-176.52	-374.92	-144.64	-19.41	-266.80	-23.46
2009	-1,236.35	-418.28	-235.26	-448.64	-180.01	-49.58	-331.11	-36.27
2010	-1,425.14	-523.32	-306.30	-588.51	-223.27	-182.91	-390.53	-16.31
Nominal Net Worth (\$1000)								
2004	1,498.13	792.40	529.44	228.82	737.80	2,044.43	702.05	3,187.75
2005	1,640.48	782.66	546.37	192.93	727.71	2,216.54	726.13	3,594.84
2006	1,571.94	743.63	535.81	105.48	703.18	2,316.88	694.88	3,850.04
2007	1,429.20	672.02	496.15	15.76	659.66	2,368.58	644.90	3,922.44
2008	1,238.00	588.21	443.71	-64.99	617.80	2,357.49	593.37	3,957.26
2009	1,121.99	503.15	396.34	-123.38	572.96	2,419.29	550.47	4,048.02
2010	1,006.17	412.62	345.37	-236.59	530.83	2,451.17	509.31	4,193.19
Prob. of Negative Ending Cash (%)								
2006	99	99	99	99	99	30	99	47
2007	98	99	99	99	99	36	99	50
2008	98	99	99	99	97	51	99	52
2009	98	99	99	99	97	57	99	54
2010	99	99	99	99	98	80	99	52
Prob. of Decreasing Real Net Worth Over 2004-2010 (%)	83	98	89	99	94	1	94	1

Figure 3. Feed Grain and Oilseed Farms

Minimum Annual Percentage Change in Receipts, 2006-2010, Needed to Have a Zero Ending Cash Balance in 2010

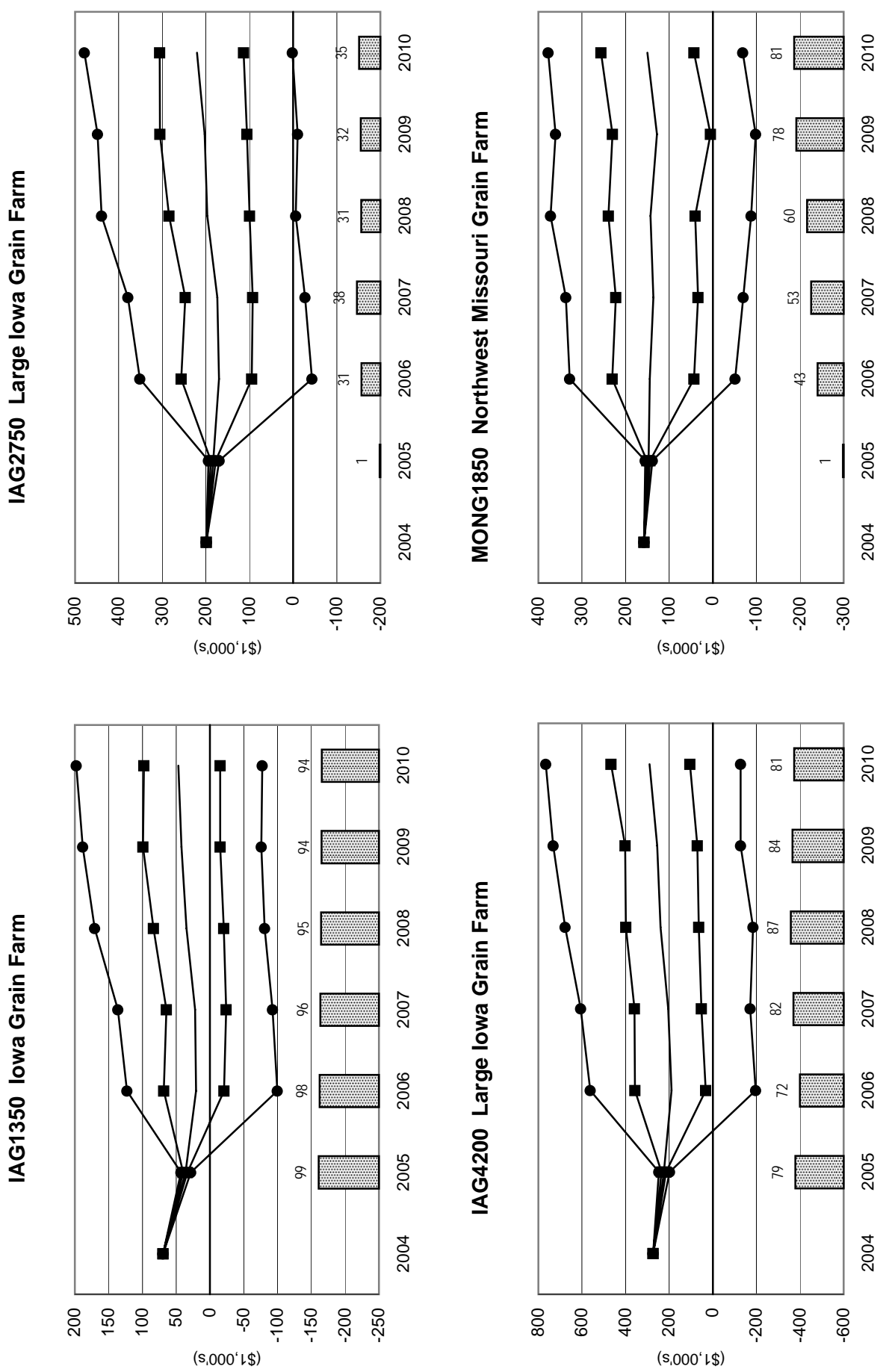


Economic and Financial Position Over the Period, 2006-2010, for all Feed Grain and Oilseed Farms



**Figure 4. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Feed Grain and Oilseed Farms**

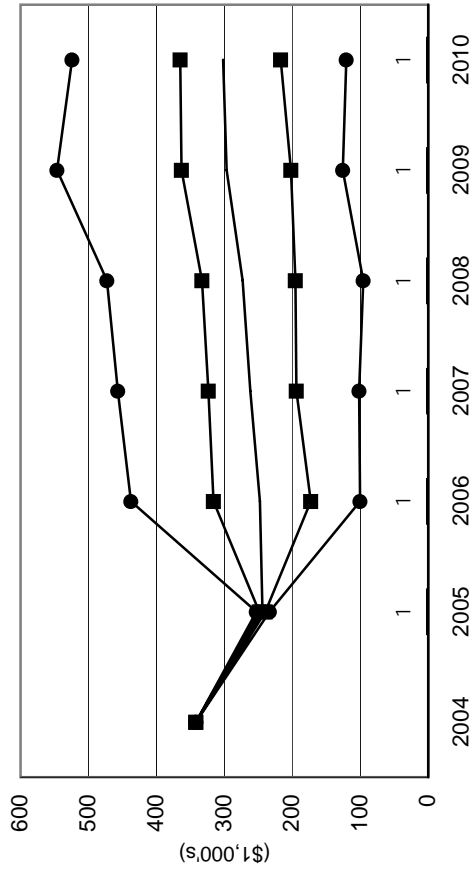
— Average NCFI ■ 25 & 75 Percentile NCFI ● 5 & 95 Percentile NCFI ▨ Prob. of Cash Flow Deficit



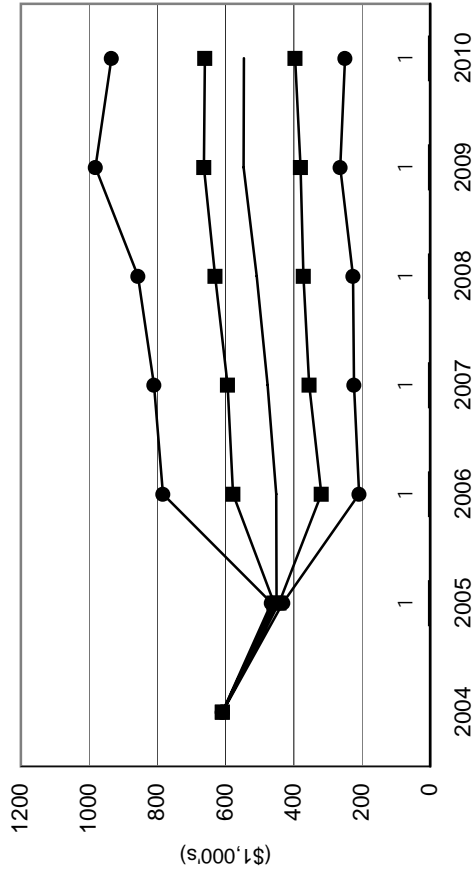
**Figure 5. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Feed Grain and Oilseed Farms**

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

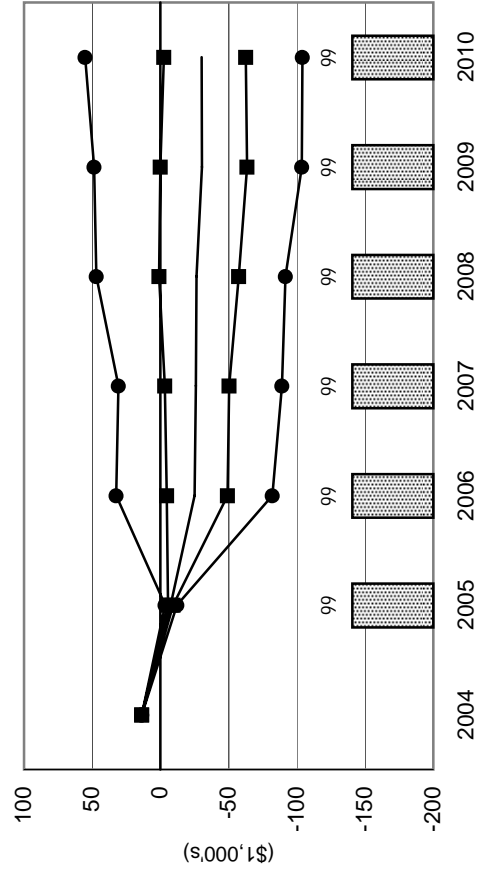
MOCG2050 Central Missouri Grain Farm



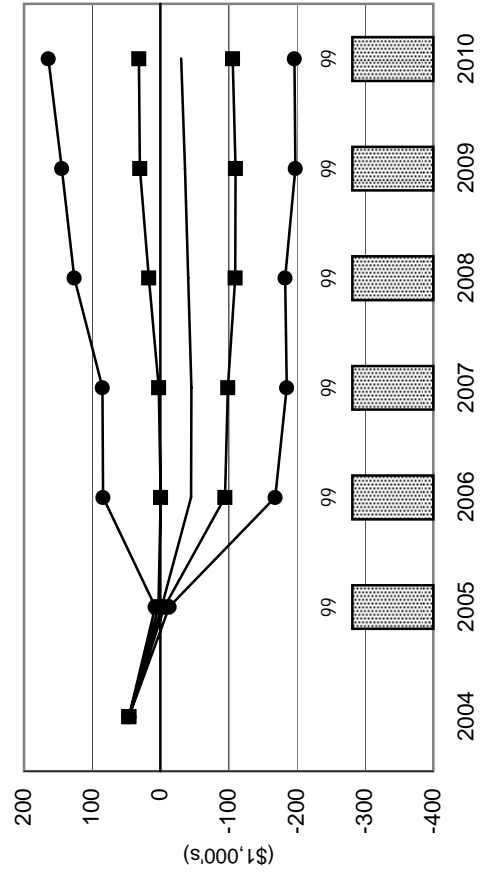
MOCG3630 Large Central Missouri Grain Farm



ING1000 Indiana Grain Farm



ING2200 Large Indiana Grain Farm

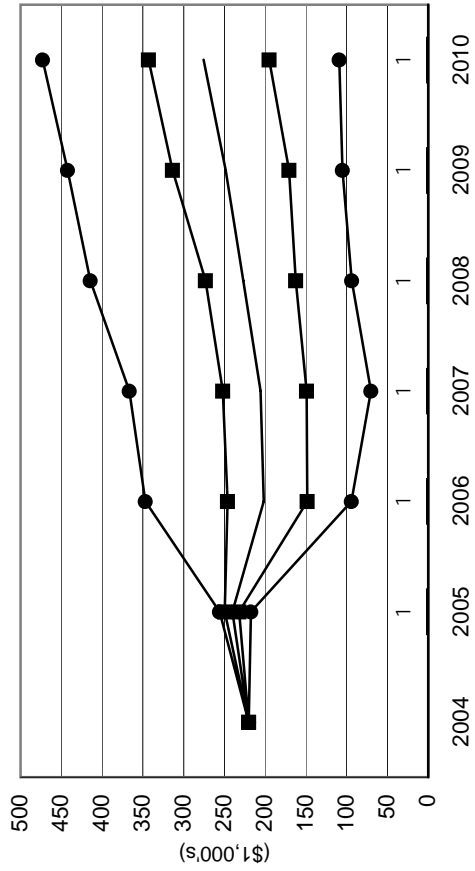


**Figure 6. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Feed Grain and Oilseed Farms**

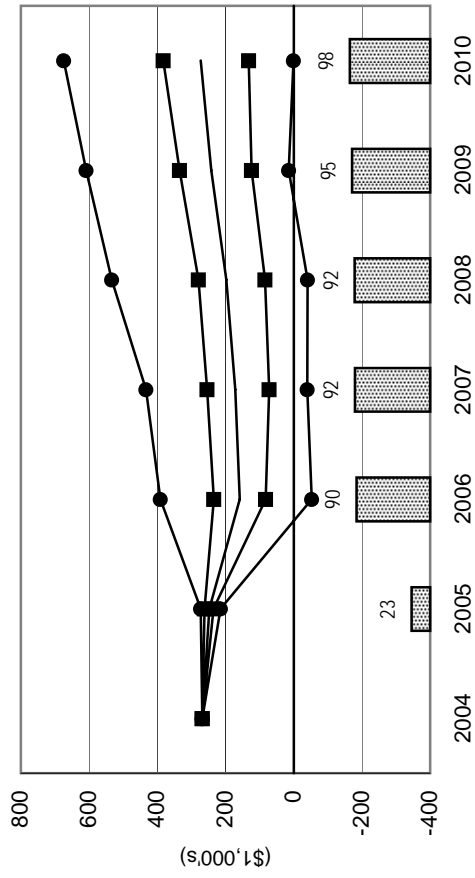
— Average NCFI ■ 25 & 75 Percentile NCFI ● Prob. of Cash Flow Deficit

— 5 & 95 Percentile NCFI ▨ Prob. of Cash Flow Deficit

NEG1960 Nebraska Grain Farm



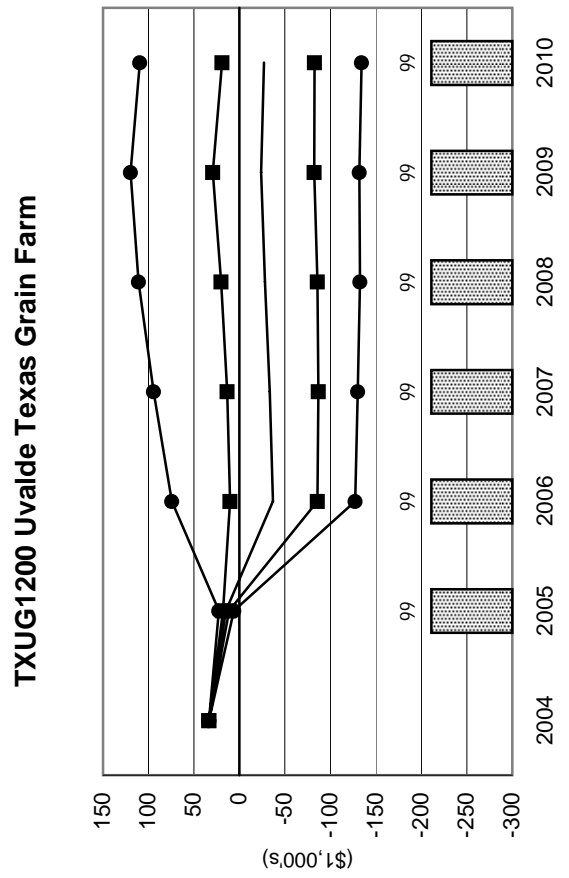
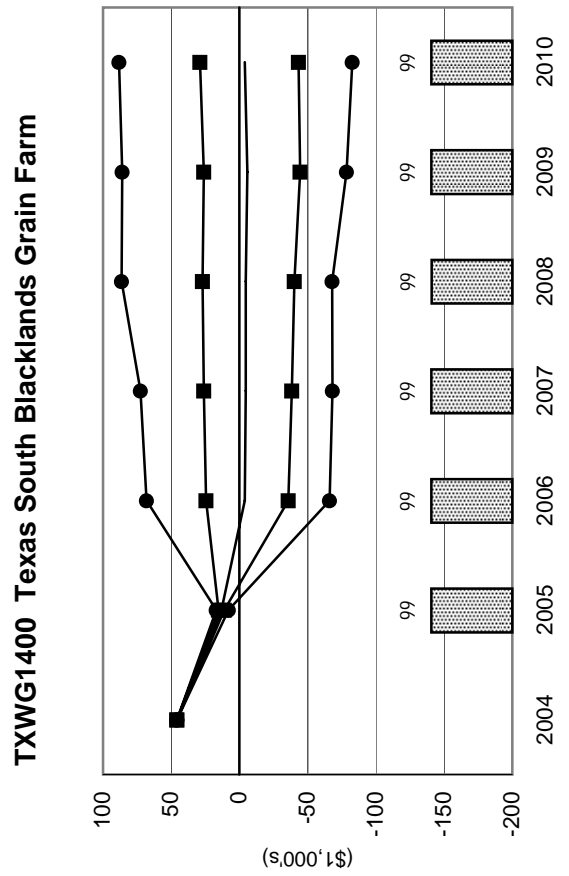
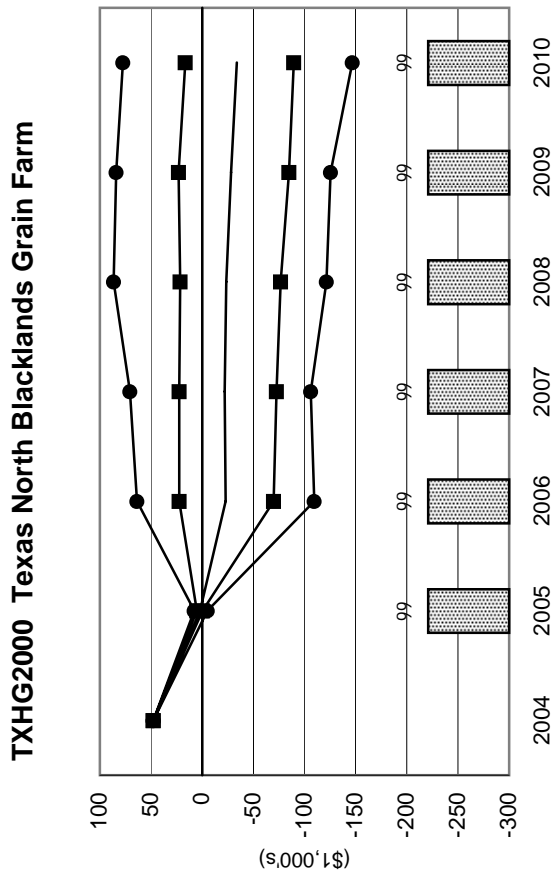
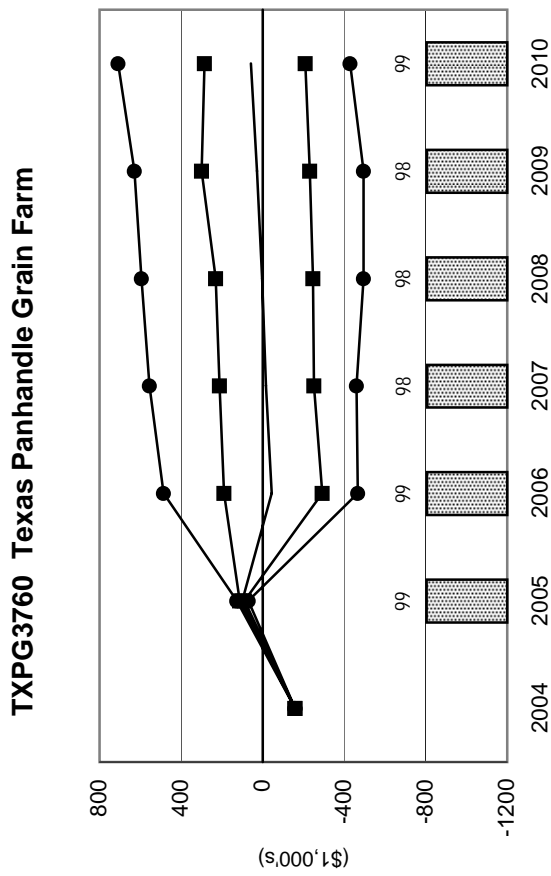
NEG4300 Large Nebraska Grain Farm



**Figure 7. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Feed Grain and Oilseed Farms**

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

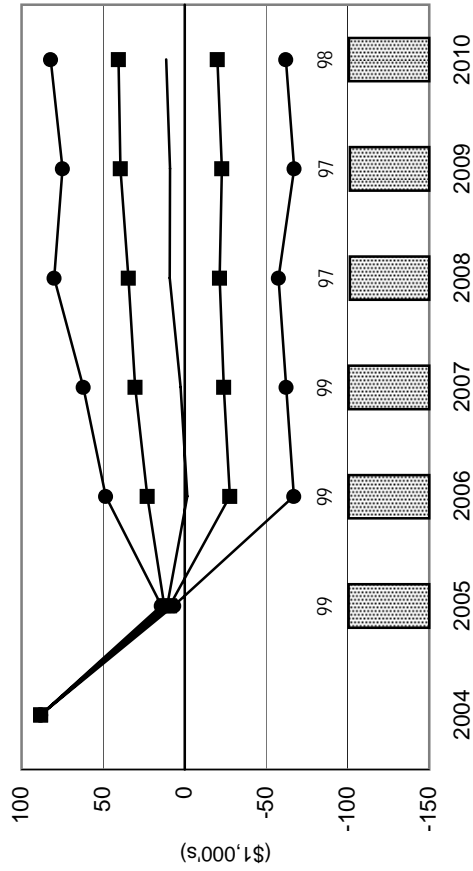
■ 5 & 95 Percentile NCFI ▨ Prob. of Cash Flow Deficit



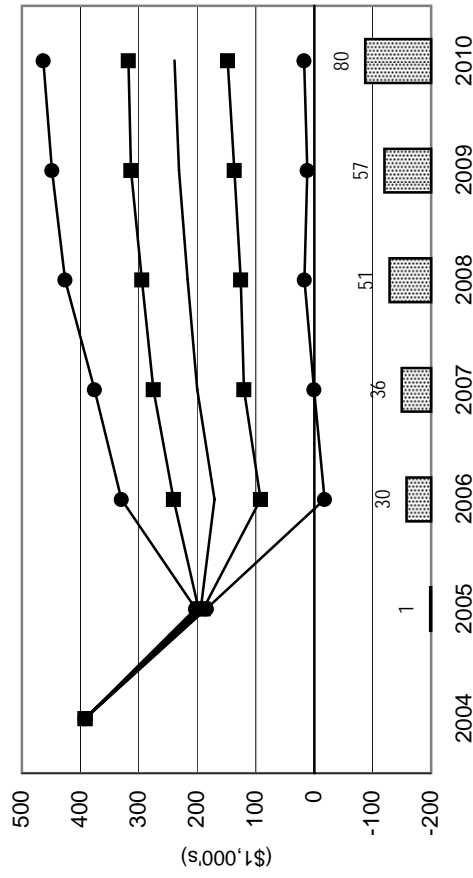
**Figure 8. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Feed Grain and Oilseed Farms**

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

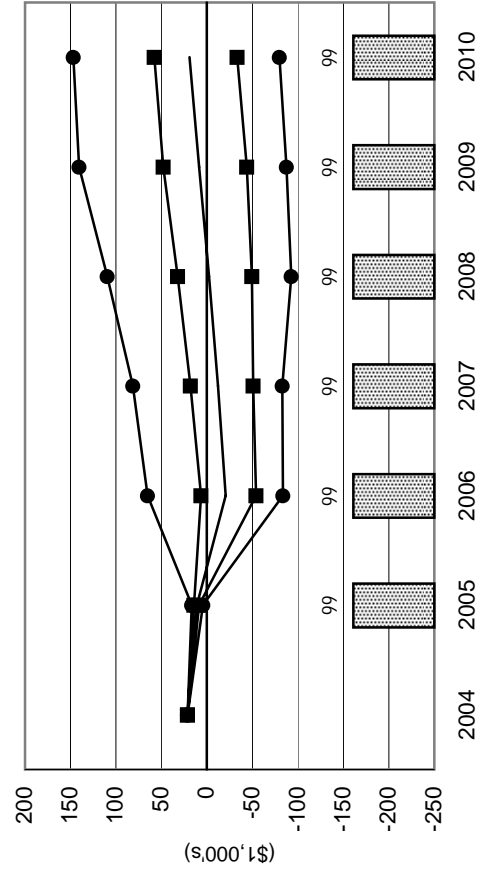
TNG900 Tennessee Grain Farm



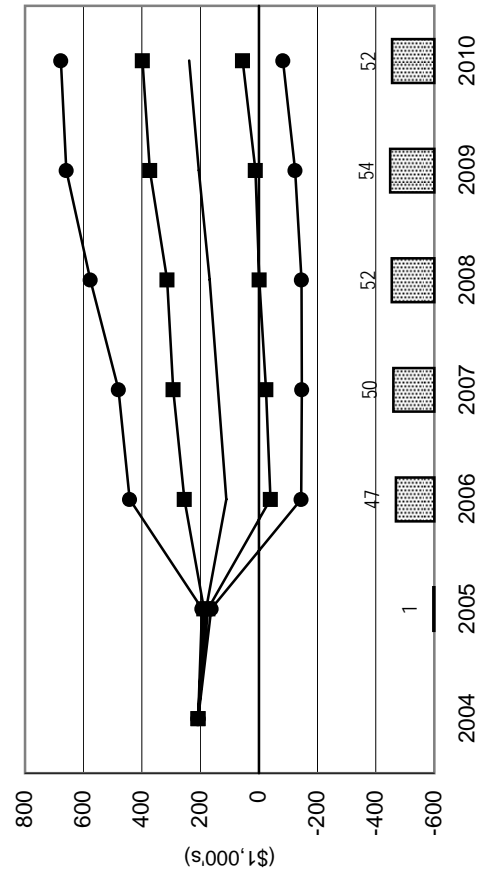
TNG2750 Large Tennessee Grain Farm



SCG1500 South Carolina Grain Farm



SCG3500 Large South Carolina Grain Farm



AFFPC

Figure 9. Representative Farms Producing Wheat

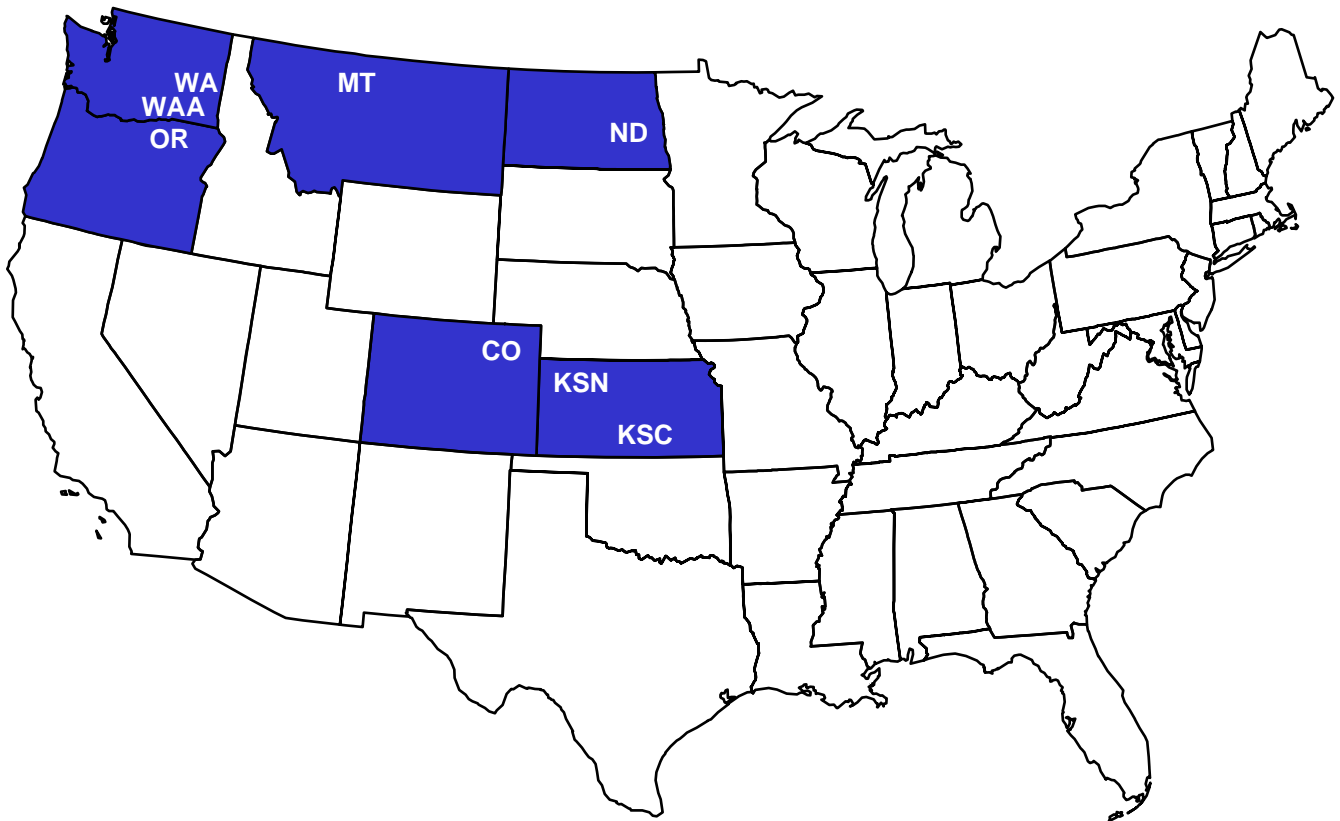


Table 6. Implications of the January 2006 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Wheat.

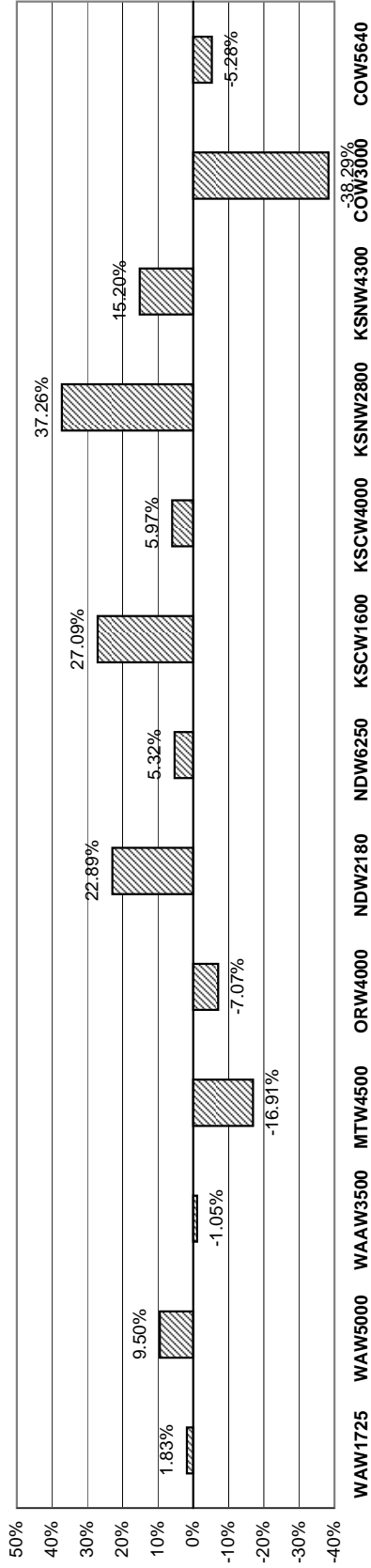
	WAW1725	WAW5000	WAAW3500	MTW4500	ORW4000	NDW2180	NDW6250
Overall Financial Position							
2006-2010 Ranking	Poor	Poor	Marginal	Good	Marginal	Poor	Poor
Change Real Net Worth (%)							
2006-2010 Average	0.59	0.47	1.53	2.66	1.07	-11.86	0.38
NIA to Maintain Real Net Worth (%/Rec.)	-2.72	-4.49	-12.04	-27.10	-9.38	13.02	-2.06
NIA for Zero Ending Cash Balance (%/Rec.)	1.83	9.50	-1.05	-16.91	-7.07	22.89	5.32
Govt Payments/Receipts (%)							
2006-2010 Average	12.80	11.73	13.47	17.85	12.84	11.74	10.42
Cost to Receipts Ratio (%)							
2006-2010 Average	85.27	89.09	75.55	66.51	69.75	102.49	87.20
Total Cash Receipts (\$1000)							
2004	466.68	1,222.67	203.17	443.82	280.80	354.38	1,243.33
2005	378.24	1,163.28	226.06	332.53	289.29	342.14	1,199.92
2006	380.68	1,162.45	227.59	356.26	281.78	357.30	1,248.07
2007	393.51	1,195.38	235.49	365.78	291.98	373.59	1,299.42
2008	397.68	1,208.63	237.77	368.47	295.86	384.21	1,328.74
2009	406.41	1,232.30	242.32	377.34	300.25	390.74	1,354.00
2010	409.54	1,245.36	244.02	379.82	303.20	396.17	1,366.57
2006-2010 Average	397.56	1,208.82	237.44	369.53	294.61	380.40	1,319.36
Government Payments (\$1000)							
2004	47.59	134.93	13.79	30.80	15.67	27.76	98.75
2005	44.72	132.21	24.66	53.39	27.45	38.54	120.67
2006	50.57	145.98	30.10	60.79	34.10	47.87	145.13
2007	53.28	147.60	33.26	63.98	38.19	46.06	143.21
2008	51.01	141.09	32.31	62.05	37.14	42.23	132.09
2009	47.81	131.61	30.56	58.89	35.24	39.94	124.77
2010	44.88	124.01	28.86	56.09	33.10	38.62	119.13
2006-2010 Average	49.51	138.06	31.02	60.36	35.55	42.95	132.86
Net Cash Farm Income (\$1000)							
2004	168.30	290.84	49.90	241.14	110.34	39.55	267.75
2005	57.89	164.70	57.83	114.74	98.38	2.22	163.69
2006	43.24	117.90	49.85	125.86	81.32	-8.71	149.84
2007	58.25	139.22	58.28	141.41	93.34	2.11	196.62
2008	62.88	149.06	62.33	145.72	99.54	9.84	199.97
2009	73.48	164.95	68.77	157.85	105.93	7.29	221.77
2010	81.11	172.24	73.70	161.01	112.71	5.24	244.25
2006-2010 Average	63.79	148.67	62.59	146.37	98.57	3.15	202.49
Ending Cash Reserves (\$1000)							
2004	78.94	92.14	-3.10	104.84	25.77	-2.97	102.84
2005	15.09	27.07	-5.25	102.75	35.20	-46.31	83.60
2006	-17.80	-86.21	-20.72	105.83	19.04	-123.06	6.62
2007	-15.43	-128.30	-13.80	145.68	40.00	-173.75	-10.31
2008	-16.11	-188.21	-7.10	178.81	56.86	-218.18	-112.21
2009	-10.20	-261.05	2.04	224.28	69.04	-305.43	-181.97
2010	-3.76	-360.70	14.10	253.23	81.67	-391.98	-255.38
Nominal Net Worth (\$1000)							
2004	914.05	3,323.76	801.26	1,618.94	926.11	409.61	2,203.26
2005	974.37	3,620.50	883.22	1,794.60	1,011.78	390.47	2,332.20
2006	1,006.44	3,819.15	939.22	1,933.52	1,061.18	349.92	2,401.15
2007	1,011.98	3,854.22	958.61	1,998.18	1,080.39	304.27	2,419.81
2008	1,006.04	3,838.10	962.28	2,040.06	1,083.83	261.68	2,364.67
2009	1,014.64	3,859.38	980.28	2,103.98	1,096.19	208.61	2,382.74
2010	1,028.72	3,879.77	1,003.56	2,174.87	1,109.70	148.57	2,429.15
Prob. of Negative Ending Cash (%)							
2006	65	74	76	3	33	99	48
2007	58	78	65	12	28	97	50
2008	60	82	58	10	22	96	62
2009	58	85	52	7	21	98	67
2010	54	91	43	8	22	99	73
Prob. of Decreasing Real Net Worth Over 2004-2010 (%)	1	2	1	1	1	94	21

Table 7. Implications of the January 2006 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Wheat.

	KSCW1600	KSCW4000	KSNW2800	KSNW4300	COW3000	COW5640
Overall Financial Position						
2006-2010 Ranking	Poor	Poor	Poor	Poor	Good	Good
Change Real Net Worth (%)						
2006-2010 Average	-3.88	0.39	-3.66	-0.92	4.78	2.70
NIA to Maintain Real Net Worth (%/Rec.)	11.51	-2.58	9.97	2.74	-41.84	-18.67
NIA for Zero Ending Cash Balance (%/Rec.)	27.09	5.97	37.26	15.20	-38.29	-5.28
Govt Payments/Receipts (%)						
2006-2010 Average	13.33	13.41	12.15	11.53	10.23	9.40
Cost to Receipts Ratio (%)						
2006-2010 Average	97.06	83.05	101.70	96.50	50.31	70.09
Total Cash Receipts (\$1000)						
2004	277.73	612.53	319.37	616.02	252.93	491.36
2005	219.46	530.96	332.69	631.28	262.80	499.18
2006	242.19	557.95	342.20	648.90	264.32	504.63
2007	250.51	576.60	347.89	662.41	270.08	522.58
2008	254.21	586.66	351.87	676.07	273.52	528.68
2009	261.45	599.60	357.37	686.46	278.27	539.89
2010	262.90	606.77	360.13	696.45	281.43	546.29
2006-2010 Average	254.25	585.52	351.89	674.06	273.53	528.41
Government Payments (\$1000)						
2004	23.95	70.47	32.51	54.16	21.04	31.88
2005	33.28	99.08	57.00	93.44	36.27	51.37
2006	33.57	81.57	48.52	84.01	31.76	49.52
2007	34.63	82.70	44.02	80.37	29.82	52.58
2008	33.28	77.42	40.70	74.64	27.30	49.98
2009	31.54	72.05	37.17	68.87	24.86	46.57
2010	29.80	66.75	34.31	64.15	22.82	43.55
2006-2010 Average	32.56	76.10	40.95	74.41	27.31	48.44
Net Cash Farm Income (\$1000)						
2004	67.65	190.22	34.87	82.06	124.52	163.11
2005	-3.45	80.70	16.67	46.55	127.71	150.80
2006	8.17	82.18	3.76	23.52	125.05	140.05
2007	13.90	99.35	3.38	35.58	136.58	154.91
2008	15.82	110.42	3.04	47.88	141.03	163.01
2009	21.45	118.16	7.33	60.09	141.06	179.65
2010	23.03	129.11	11.89	75.81	146.52	186.69
2006-2010 Average	16.47	107.85	5.88	48.58	138.05	164.86
Ending Cash Reserves (\$1000)						
2004	-3.04	66.57	-57.21	-7.14	42.89	55.72
2005	-79.82	-20.68	-129.71	-64.04	93.48	69.62
2006	-147.81	-91.68	-218.33	-153.97	140.43	63.81
2007	-189.70	-104.40	-320.59	-221.88	213.31	86.64
2008	-232.38	-111.82	-425.36	-285.74	284.14	98.33
2009	-272.77	-160.97	-495.23	-333.67	319.97	112.61
2010	-314.98	-151.10	-558.32	-381.77	377.64	124.95
Nominal Net Worth (\$1000)						
2004	750.18	1,589.64	993.48	1,512.53	978.40	1,624.11
2005	739.16	1,637.66	1,035.44	1,612.30	1,121.42	1,795.11
2006	727.93	1,677.41	1,038.99	1,645.70	1,245.71	1,931.51
2007	691.06	1,673.25	977.00	1,612.55	1,326.07	1,989.57
2008	646.16	1,662.23	903.58	1,568.11	1,388.58	2,030.71
2009	613.24	1,652.96	881.29	1,554.05	1,453.95	2,095.71
2010	583.44	1,698.03	844.02	1,560.72	1,532.25	2,176.06
Prob. of Negative Ending Cash (%)						
2006	99	88	99	88	1	5
2007	99	84	99	88	1	9
2008	99	79	99	90	1	10
2009	99	85	99	91	1	9
2010	99	82	99	92	1	12
Prob. of Decreasing Real Net Worth Over 2004-2010 (%)	93	20	80	30	1	1

Figure 10. Wheat Farms

Minimum Annual Percentage Change in Receipts, 2006-2010, Needed to Have a Zero Ending Cash Balance in 2010



Economic and Financial Position Over the Period, 2006-2010, for all Wheat Farms

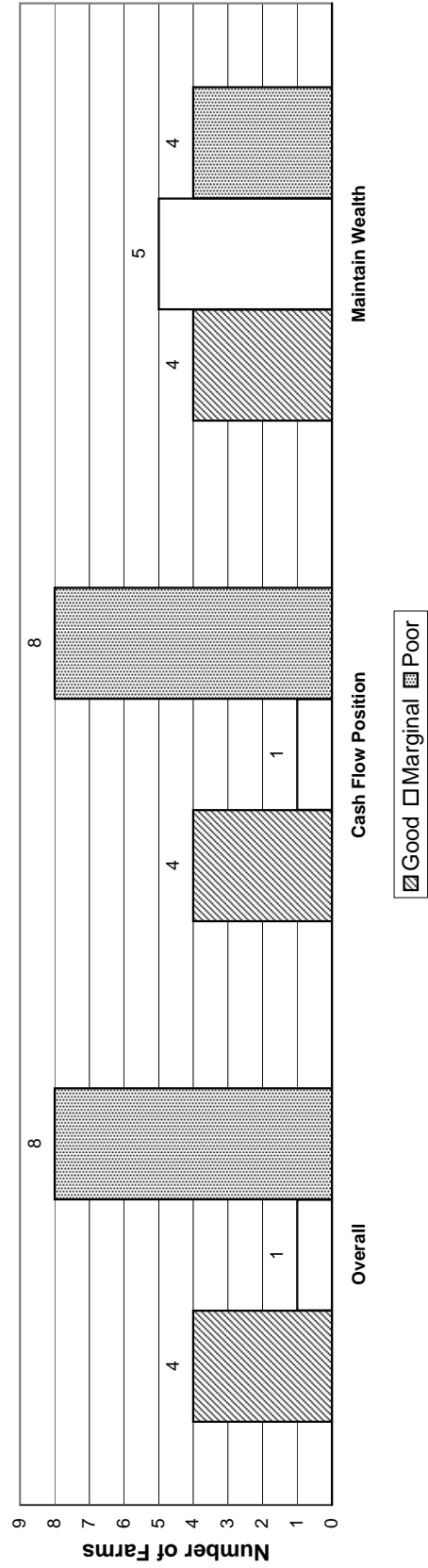
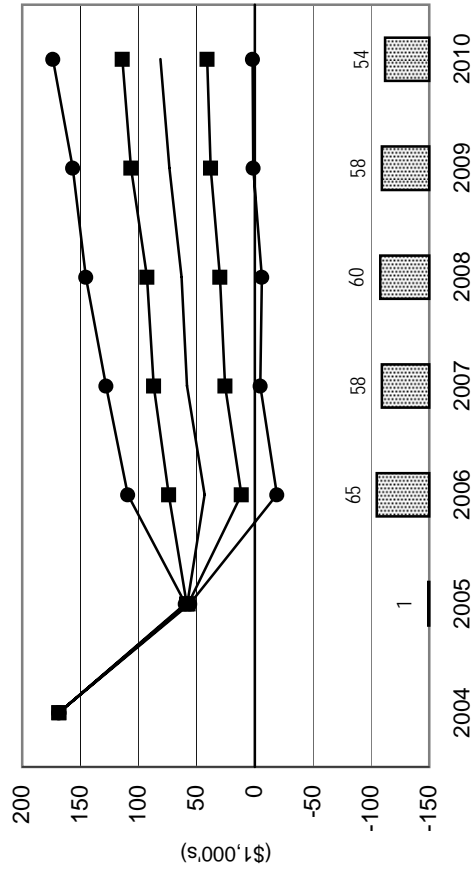


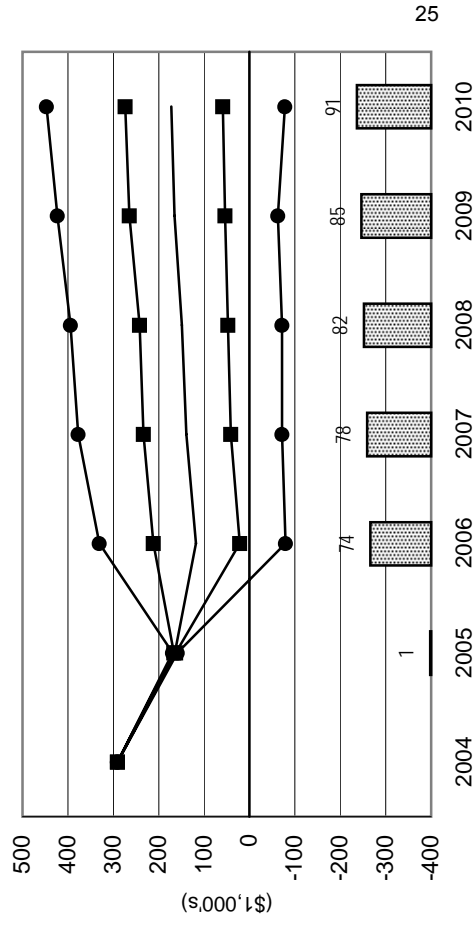
Figure 11. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Wheat Farms

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

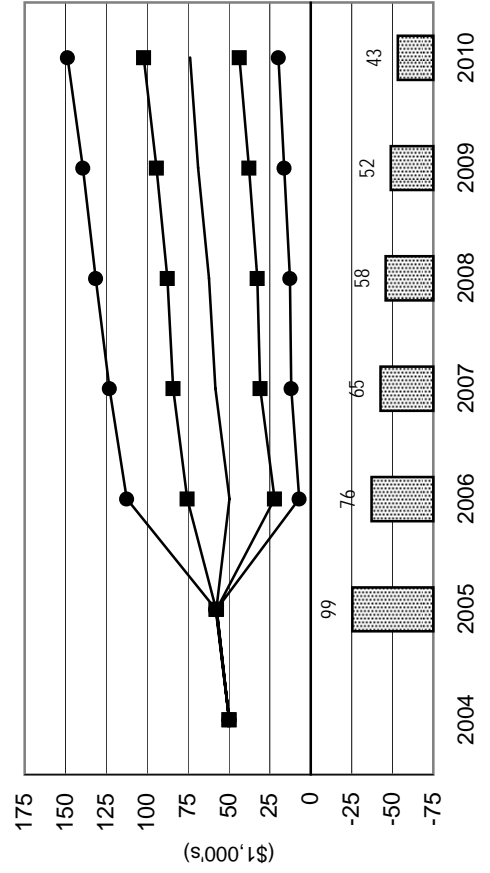
WAW1725 Washington Wheat Farm



WAW5000 Large Washington Wheat Farm



WAAW3500 Southern Washington Wheat Farm

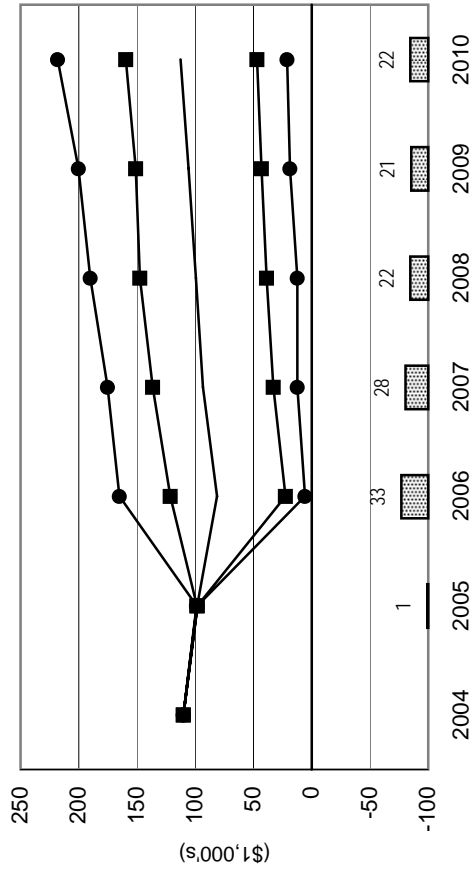


**Figure 12. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Wheat Farms**

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

— 5 & 95 Percentile NCFI ▨ Prob. of Cash Flow Deficit

ORW4000 Oregon Wheat Farm



MTW4500 Montana Wheat Farm

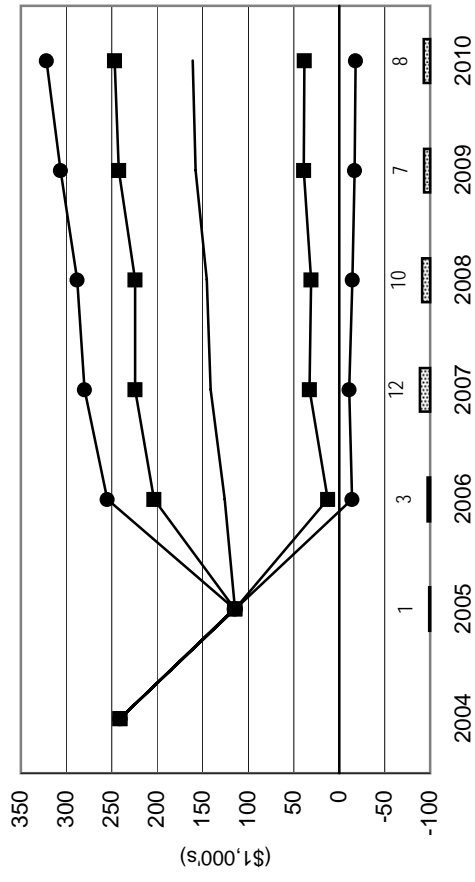
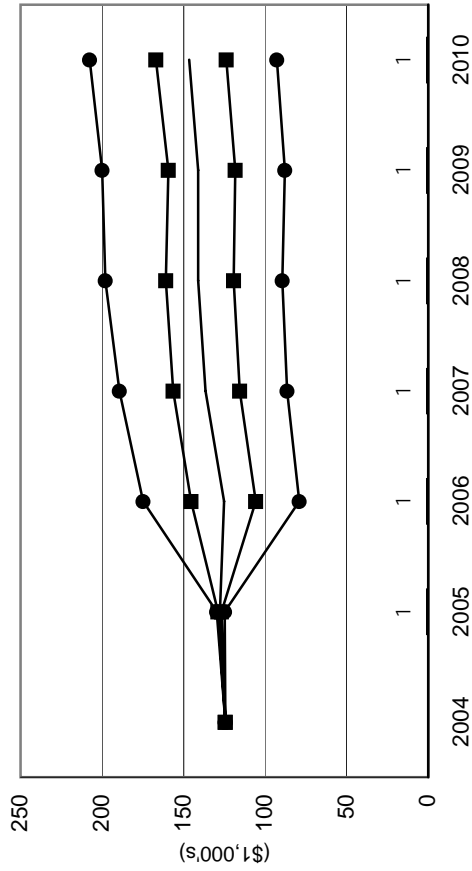


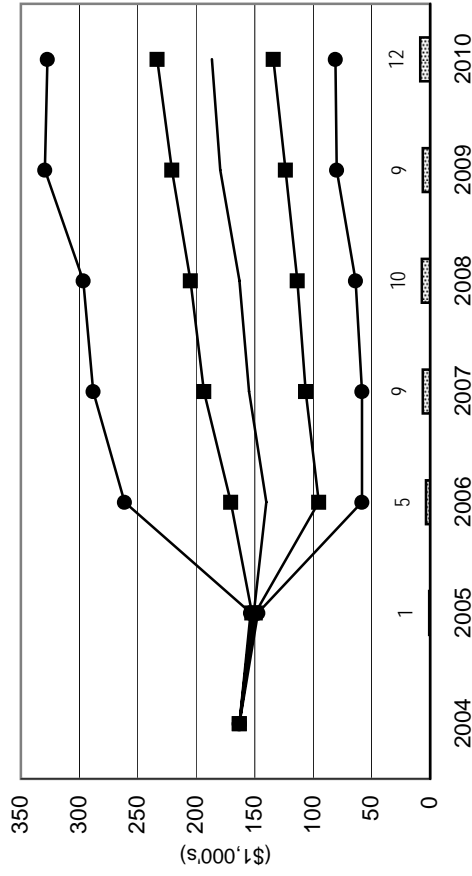
Figure 13. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Wheat Farms

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

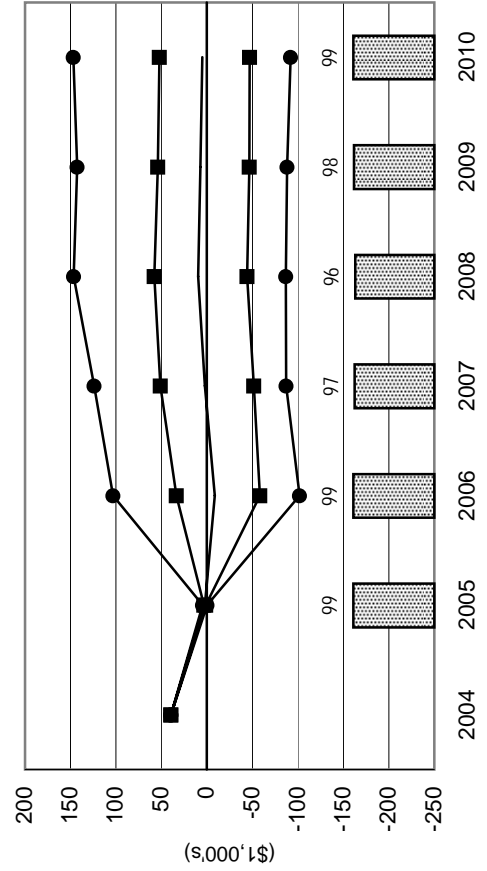
COW3000 Colorado Wheat Farm



COW5640 Large Colorado Wheat Farm



NDW2180 North Dakota Wheat Farm



NDW6250 Large North Dakota Wheat Farm

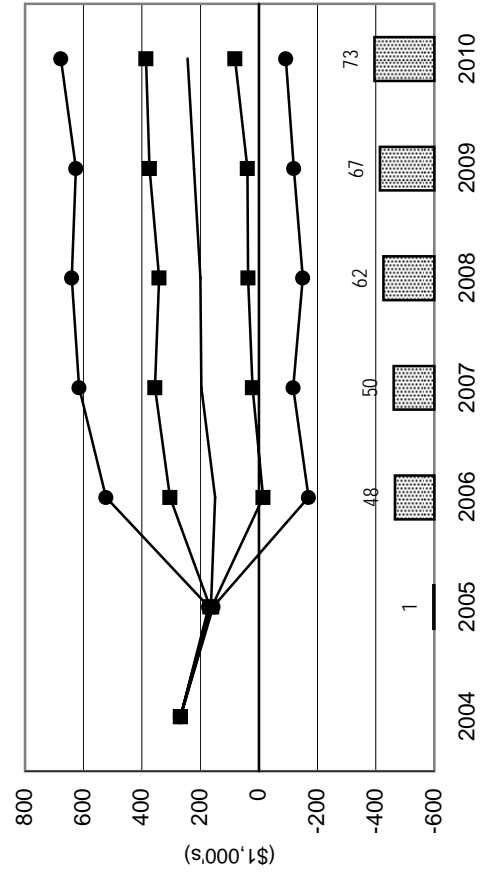


Figure 14. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Wheat Farms

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

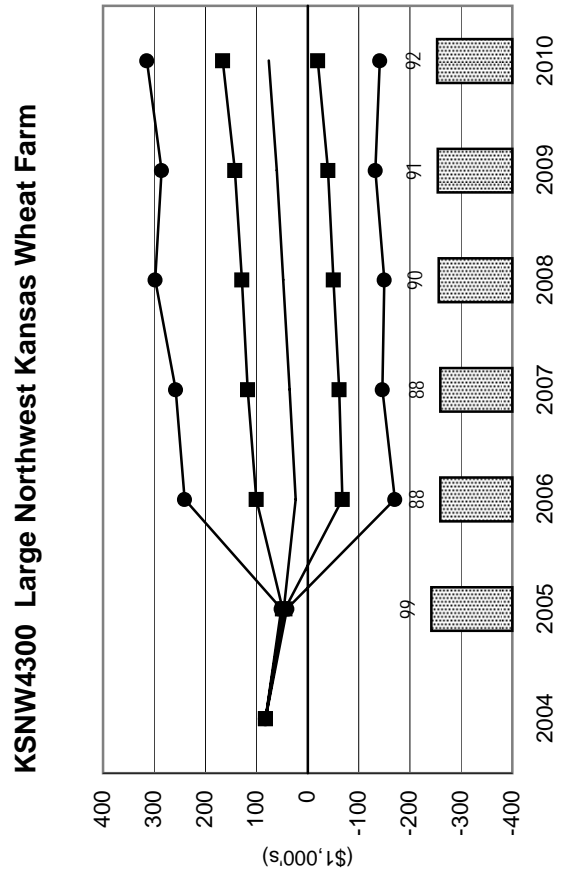
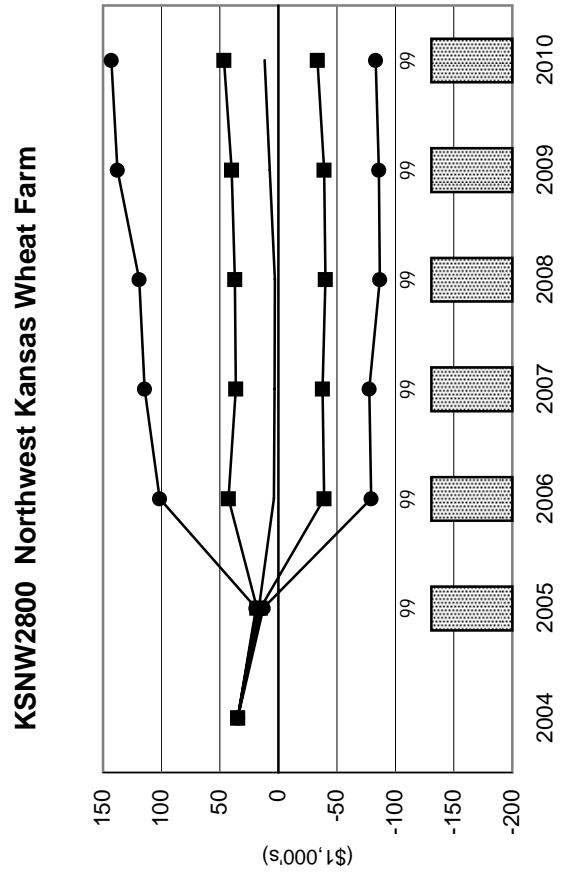
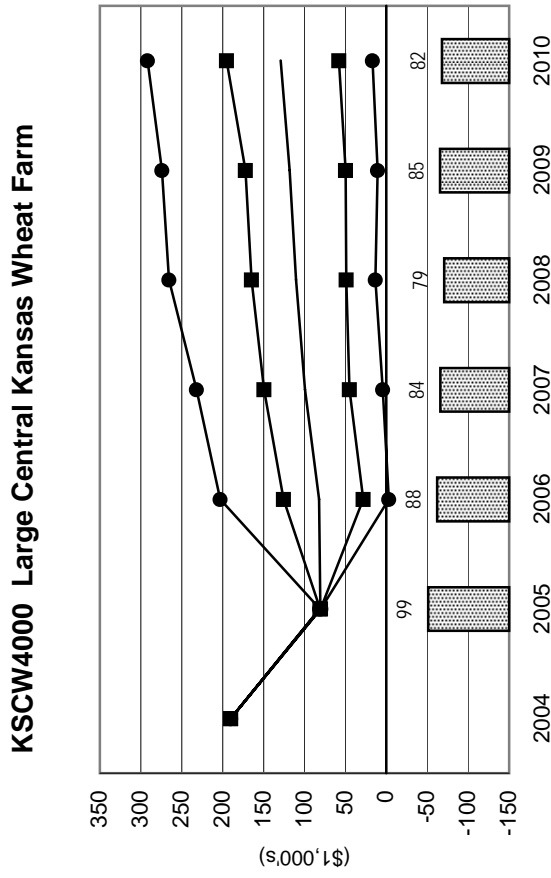
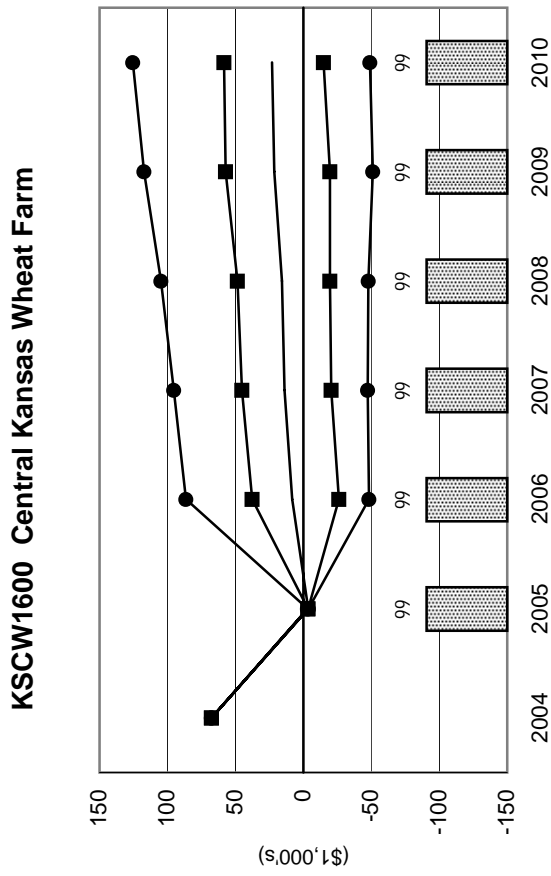


Figure 15. Representative Farms Producing Cotton

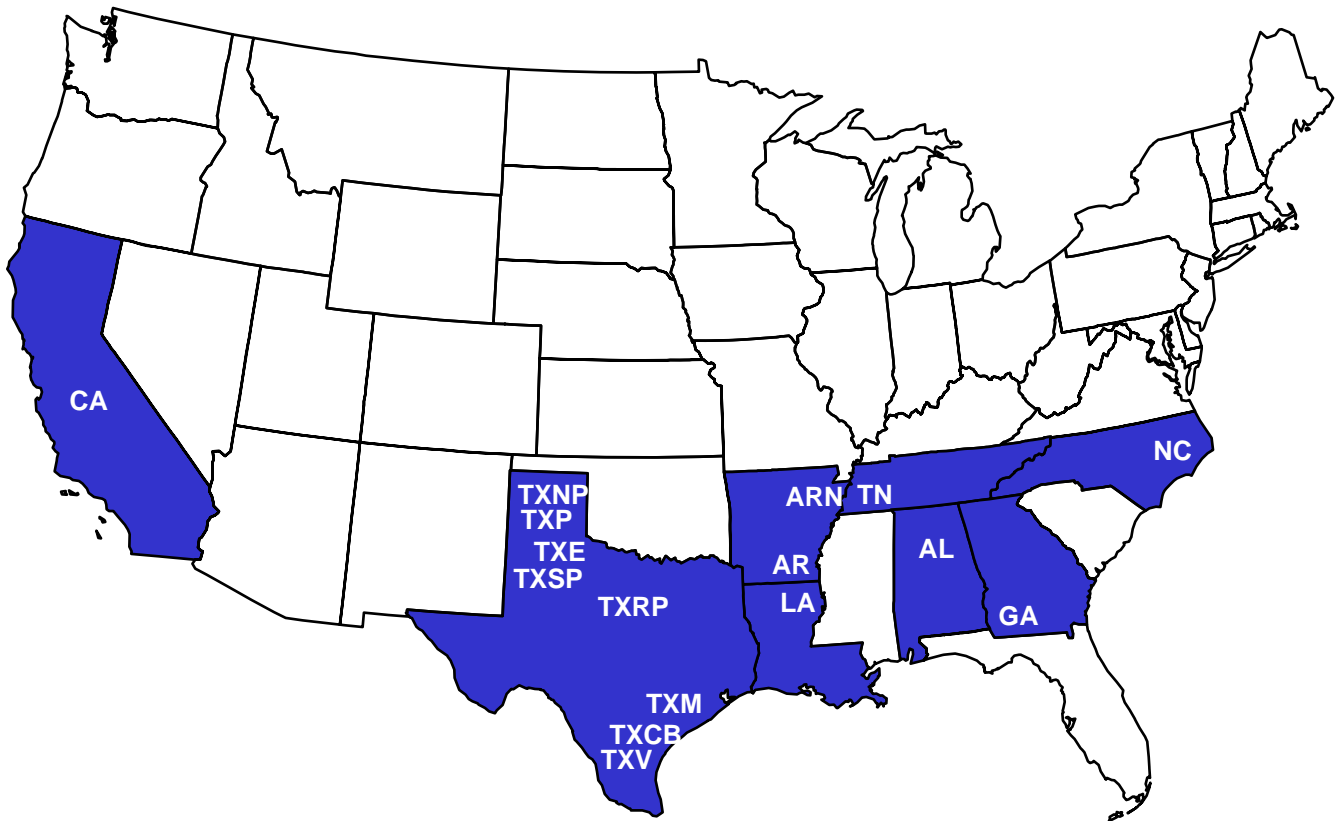


Table 8. Implications of the January 2006 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Cotton.

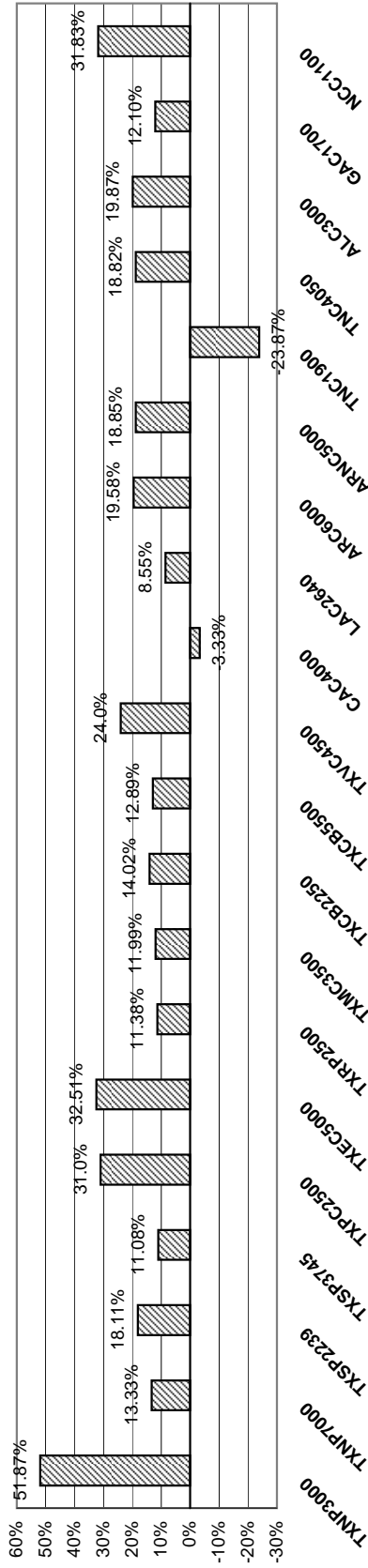
	TXNP3000	TXNP7000	TXSP2239	TXSP3745	TXPC2500	TXEC5000	TXRP2500	TXMC3500	TXCB2250	TXCB5500	TXVC4500
Overall Financial Position											
2006-2010 Ranking	Poor	Poor	Poor	Poor	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Change Real Net Worth (%)											
2006-2010 Average	-33.10	-9.11	-8.14	-3.38	-16.74	-66.75	-1.46	-8.19	-6.34	-21.41	-6.60
NIA to Maintain Real Net Worth (%/Rec.)	46.91	5.07	9.29	6.92	17.49	21.15	1.51	5.58	7.19	10.55	12.87
NIA for Zero Ending Cash Balance (%/Rec.)	51.87	13.33	18.11	11.08	31.00	32.51	11.38	11.99	14.02	12.89	24.00
Govt Payments/Receipts (%)											
2006-2010 Average	13.05	13.69	26.29	26.18	25.68	28.47	29.35	22.48	24.76	23.33	23.99
Cost to Receipts Ratio (%)											
2006-2010 Average	105.60	100.60	100.77	97.44	112.35	117.55	91.73	101.41	100.75	105.14	107.27
Total Cash Receipts (\$1000)											
2004	1,104.09	1,967.94	593.58	1,238.07	793.24	1,089.46	223.05	1,132.79	838.90	1,829.76	1,150.05
2005	1,106.07	2,520.50	549.07	937.50	886.94	1,227.35	252.97	1,291.39	667.23	1,565.43	1,327.04
2006	1,123.62	2,529.07	557.26	955.57	887.22	1,197.24	258.73	1,296.30	681.00	1,533.09	1,364.21
2007	1,148.84	2,572.79	561.68	963.20	893.26	1,221.70	262.75	1,312.39	688.64	1,554.51	1,392.42
2008	1,163.41	2,609.66	573.21	979.49	899.47	1,230.19	264.48	1,325.75	694.03	1,573.02	1,392.55
2009	1,165.43	2,639.38	570.98	978.23	905.14	1,237.37	266.66	1,343.72	702.10	1,588.12	1,401.66
2010	1,183.87	2,660.97	587.27	1,003.82	908.65	1,258.46	270.83	1,355.29	707.73	1,607.32	1,424.38
2006-2010 Average	1,157.04	2,602.38	570.08	976.06	898.75	1,228.99	264.69	1,326.69	694.70	1,571.21	1,395.05
Government Payments (\$1000)											
2004	221.08	416.37	141.48	299.39	225.66	350.26	66.06	276.93	139.52	281.34	287.27
2005	223.37	549.31	179.95	305.84	291.94	427.67	86.40	403.18	219.52	465.71	421.70
2006	178.43	433.12	160.71	276.83	260.99	377.23	80.47	332.48	186.91	407.79	361.33
2007	154.12	360.27	143.54	246.34	234.09	344.42	74.46	291.50	165.47	362.81	325.65
2008	148.15	340.21	142.26	243.27	224.09	336.46	72.35	280.16	160.36	350.11	317.09
2009	139.50	323.99	138.46	237.35	217.98	334.52	72.06	272.69	157.46	344.06	310.72
2010	132.28	307.12	139.99	239.61	211.75	335.15	71.43	265.97	154.56	334.31	306.49
2006-2010 Average	150.50	352.94	144.99	248.68	229.78	345.56	74.15	288.56	164.95	359.82	324.26
Net Cash Farm Income (\$1000)											
2004	262.55	-35.24	110.40	408.21	-8.56	-50.47	32.00	35.65	157.72	257.33	-18.64
2005	2.68	111.37	46.26	86.80	-19.67	-57.03	39.45	81.43	33.15	61.68	10.36
2006	-53.11	-6.14	25.83	58.11	-87.62	-176.59	34.01	17.20	34.48	-36.08	-44.97
2007	-39.33	27.68	23.86	62.28	-90.58	-173.73	33.99	31.97	36.54	-28.83	-28.17
2008	-36.51	38.59	28.56	73.78	-99.36	-181.87	35.09	32.27	32.23	-29.80	-37.32
2009	-48.58	55.91	21.24	64.59	-105.59	-194.99	37.46	43.59	28.06	-41.49	-42.21
2010	-33.18	89.89	32.43	76.35	-108.33	-191.30	44.57	46.46	20.08	-59.33	-33.92
2006-2010 Average	-42.14	41.19	26.38	67.02	-98.30	-183.70	37.02	34.30	30.28	-39.11	-37.32
Ending Cash Reserves (\$1000)											
2004	83.47	-249.69	0.27	197.46	-137.71	-173.74	-18.26	-72.81	32.49	117.32	-156.24
2005	-72.21	-410.24	-59.35	104.17	-264.59	-340.03	-34.19	-139.41	-54.00	12.56	-270.82
2006	-269.21	-763.03	-144.64	-26.44	-492.59	-650.72	-60.01	-258.18	-134.15	-200.08	-504.63
2007	-426.60	-1,001.67	-231.58	-115.88	-681.75	-934.46	-85.37	-330.24	-194.61	-373.23	-672.77
2008	-601.67	-1,278.95	-310.35	-197.01	-922.28	-1,237.45	-108.08	-425.25	-270.14	-575.70	-884.61
2009	-827.80	-1,540.11	-381.21	-300.71	-1,154.02	-1,574.20	-125.58	-509.48	-334.58	-780.87	-1,084.54
2010	-1,028.34	-1,732.79	-451.01	-437.48	-1,402.90	-1,943.95	-128.41	-595.86	-439.61	-1,043.30	-1,304.81
Nominal Net Worth (\$1000)											
2004	736.21	1,687.59	614.73	1,734.84	1,081.15	760.92	312.06	639.16	795.12	958.63	1,575.57
2005	630.95	1,675.00	612.46	1,778.72	1,050.70	653.72	327.92	651.39	784.65	894.73	1,645.13
2006	480.73	1,510.28	582.81	1,775.14	926.88	412.40	330.02	597.32	773.80	739.88	1,620.4
2007	319.62	1,328.52	520.09	1,702.29	751.58	135.86	317.00	538.40	729.98	577.91	1,511.09
2008	140.72	1,110.21	456.55	1,624.63	540.04	-147.45	302.45	456.87	665.04	404.34	1,352.54
2009	-56.47	960.81	414.07	1,558.09	356.59	-445.02	297.18	407.27	624.67	232.54	1,228.03
2010	-223.81	863.35	358.19	1,471.42	158.99	-743.72	306.53	386.46	535.44	12.35	1,098.80
Prob. of Negative Ending Cash (%)											
2006	99	99	93	52	99	99	88	91	87	84	99.00
2007	99	99	94	66	99	99	84	91	89	89	99.00
2008	99	99	96	72	99	99	85	90	89	93	99.00
2009	99	99	97	80	99	99	85	91	92	95	99
2010	99	99	96	85	99	99	83	90	93	99	99
Prob. of Decreasing Real Net Worth Over 2004-2010 (%)	99	92	80	50	99	99	55	74	74	94	86

Table 9. Implications of the January 2006 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Cotton.

	CAC4000	LAC2640	ARC6000	ARNC5000	TNC1900	TNC4050	ALC3000	GAC1700	NCC1100
Overall Financial Position									
2006-2010 Ranking	Marginal	Poor	Poor	Poor	Good	Poor	Poor	Poor	Poor
Change Real Net Worth (%)									
2006-2010 Average	2.24	-12.89	-4.82	-4.89	5.22	-5.09	-14.24	-3.55	-6.65
NIA to Maintain Real Net Worth (%/Rec.)	-9.30	6.05	8.03	7.63	-22.79	8.95	9.59	4.27	15.32
NIA for Zero Ending Cash Balance (%/Rec.)	-3.33	8.55	19.58	18.85	-23.87	18.82	19.87	12.10	31.83
Govt Payments/Receipts (%)									
2006-2010 Average	4.40	24.03	21.90	21.44	19.02	23.45	27.35	24.60	22.12
Cost to Receipts Ratio (%)									
2006-2010 Average	91.50	97.37	100.17	98.58	70.83	105.47	101.34	99.54	105.42
Total Cash Receipts (\$1000)									
2004	6,795.70	1,069.00	3,616.73	2,664.19	1,069.46	1,582.60	1,059.60	1,188.02	522.83
2005	6,376.54	1,244.61	3,033.32	2,894.36	899.22	1,668.25	1,175.43	1,307.26	559.48
2006	6,194.88	1,215.23	2,967.94	2,752.43	869.93	1,687.45	1,132.47	1,313.60	542.28
2007	6,189.58	1,239.56	3,036.70	2,804.01	884.48	1,707.97	1,150.66	1,323.29	549.34
2008	6,158.98	1,260.83	3,058.43	2,822.37	898.07	1,713.79	1,154.08	1,343.91	553.27
2009	6,129.57	1,279.29	3,082.04	2,828.59	905.30	1,719.75	1,165.24	1,359.87	555.65
2010	6,093.91	1,290.86	3,111.04	2,849.05	914.85	1,734.35	1,172.80	1,380.98	562.01
2006-2010 Average	6,153.38	1,257.16	3,051.23	2,811.29	894.53	1,712.66	1,155.05	1,344.33	552.51
Government Payments (\$1000)									
2004	284.26	150.47	621.70	709.16	111.67	236.80	324.70	284.94	125.80
2005	343.89	388.83	719.28	785.35	221.63	494.58	400.97	399.47	145.04
2006	292.27	330.40	706.04	662.42	189.41	437.45	342.42	376.15	134.34
2007	263.79	303.62	681.70	594.89	169.21	392.97	311.28	332.02	121.25
2008	256.88	291.03	675.73	579.34	161.79	381.50	299.86	317.15	117.67
2009	256.29	286.39	647.06	577.85	160.20	377.05	298.51	312.46	115.76
2010	254.22	280.67	617.27	575.39	157.84	371.96	294.53	312.28	115.44
2006-2010 Average	264.69	298.42	665.56	597.98	167.69	392.18	309.32	330.01	120.89
Net Cash Farm Income (\$1000)									
2004	1,669.28	30.94	1,066.58	387.46	476.39	96.84	84.66	57.72	41.30
2005	1,065.95	113.41	249.56	365.53	303.43	102.10	120.38	68.62	45.34
2006	696.05	20.25	-11.61	90.94	241.34	22.82	23.09	-5.27	-3.58
2007	695.63	41.11	32.81	127.11	263.29	18.35	31.59	-0.76	-6.66
2008	670.40	60.24	38.63	118.34	281.57	10.08	27.77	15.02	-14.19
2009	646.08	61.23	33.04	87.24	283.64	-22.21	19.79	15.57	-27.99
2010	633.30	63.44	45.56	84.73	300.30	-29.04	4.52	28.21	-38.19
2006-2010 Average	668.29	49.26	27.69	101.67	274.03	0.00	21.35	10.55	-18.12
Ending Cash Reserves (\$1000)									
2004	486.54	-60.52	308.04	55.22	248.46	-88.71	-133.41	-26.56	-39.90
2005	757.46	-41.81	48.92	-53.25	347.36	-159.90	-219.98	-62.48	-69.14
2006	683.85	-189.26	-477.95	-528.61	367.20	-328.85	-418.96	-207.10	-184.15
2007	671.26	-241.73	-911.81	-819.61	472.06	-498.39	-572.39	-353.17	-266.05
2008	654.30	-289.02	-1,398.24	-1,176.91	568.23	-704.83	-728.65	-491.05	-379.41
2009	683.21	-388.73	-1,921.91	-1,615.26	643.66	-1,050.85	-857.23	-657.26	-540.72
2010	683.20	-524.65	-2,480.49	-2,017.74	733.24	-1,441.88	-1,033.60	-794.79	-740.91
Nominal Net Worth (\$1000)									
2004	8,548.80	581.95	4,463.95	3,493.15	1,598.44	2,958.14	838.42	1,708.36	1,162.87
2005	9,940.20	610.76	4,528.26	3,705.67	1,833.12	3,153.20	802.66	1,824.93	1,244.69
2006	10,816.19	510.27	4,340.50	3,568.65	2,002.81	3,221.89	689.10	1,821.92	1,238.04
2007	11,161.94	439.69	4,076.25	3,374.24	2,140.27	3,069.99	575.51	1,739.62	1,172.67
2008	11,311.94	385.68	3,780.59	3,111.05	2,251.66	2,883.09	465.29	1,648.62	1,071.51
2009	11,659.78	304.11	3,544.35	2,884.60	2,361.38	2,630.42	400.47	1,561.35	958.88
2010	11,928.86	216.72	3,280.88	2,692.59	2,506.08	2,398.80	240.38	1,488.02	822.79
Prob. of Negative Ending Cash (%)									
2006	14	92	97	93	1	79	99	99	99
2007	20	89	99	94	1	85	99	99	99
2008	24	88	99	97	1	88	99	99	99
2009	26	91	99	99	1	94	99	99	99
2010	27	94	99	99	1	96	99	99	99
Prob. of Decreasing Real Net Worth Over 2004-2010 (%)	1	87	89	77	1	69	92	97	99

Figure 16. Cotton Farms

Minimum Annual Percentage Change in Receipts, 2006-2010, Needed to Have a Zero Ending Cash Balance in 2010



Economic and Financial Position Over the Period, 2006-2010, for all Cotton Farms

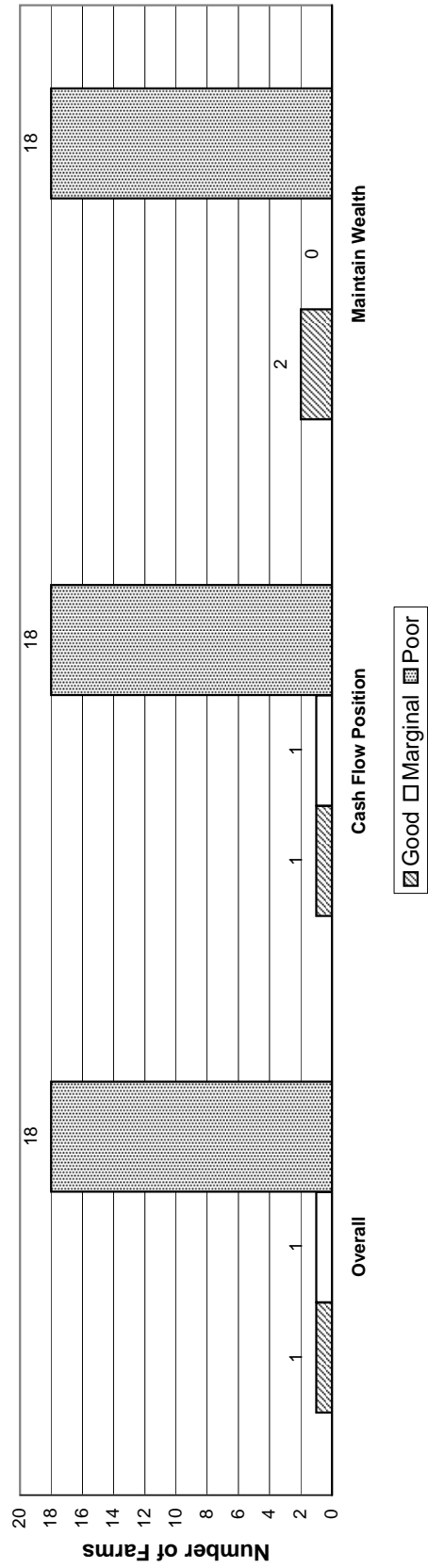
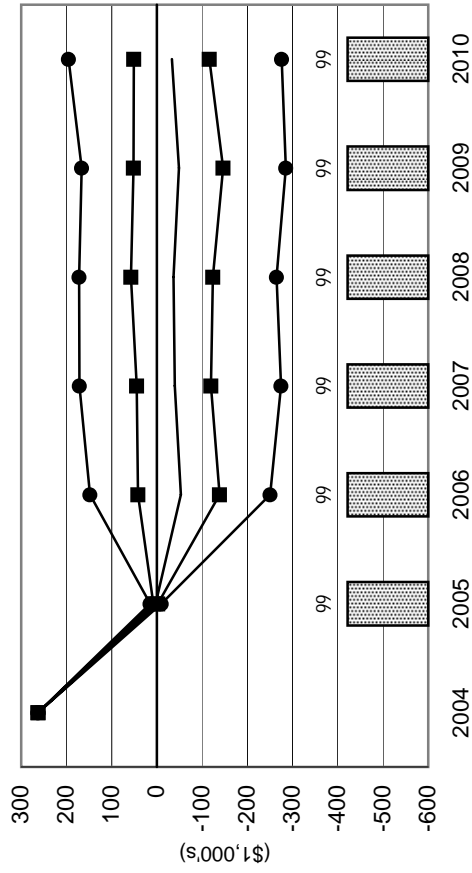


Figure 17. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Cotton Farms

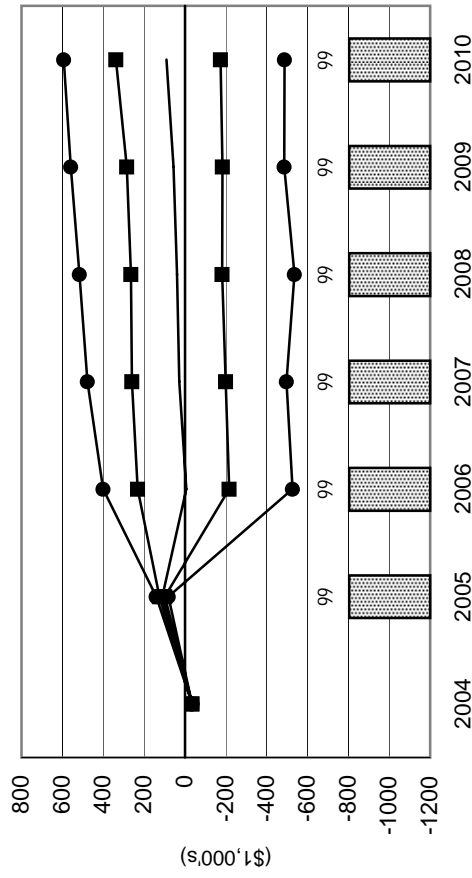
— Average NCFI ■ 25 & 75 Percentile NCFI ● Prob. of Cash Flow Deficit

■ 5 & 95 Percentile NCFI ▨ Prob. of Cash Flow Deficit

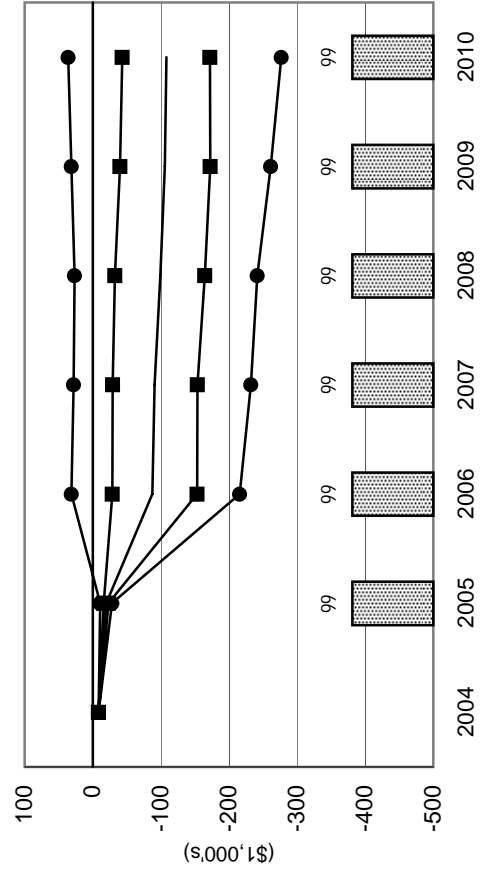
TXNP3000 Texas North Plains Cotton Farm



TXNP7000 Large Texas North Plains Cotton Farm



TXPC2500 Texas Panhandle Cotton Farm



TXEC5000 Texas Eastern Caprock Cotton Farm

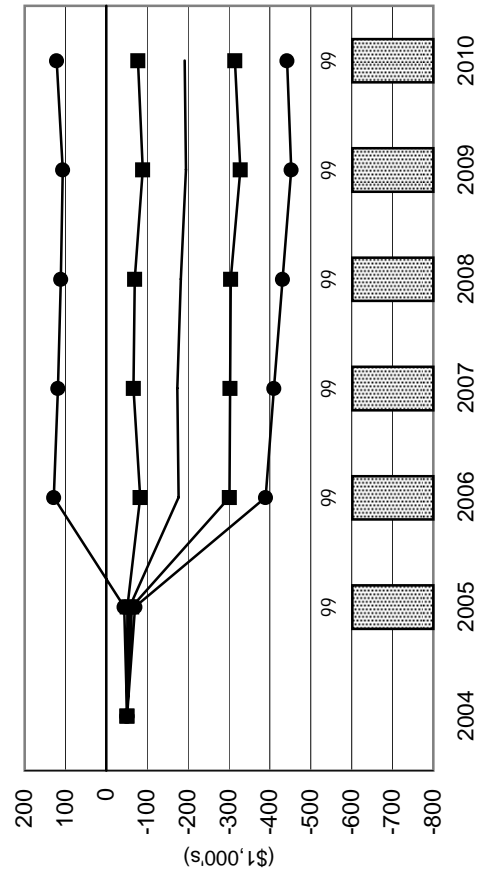
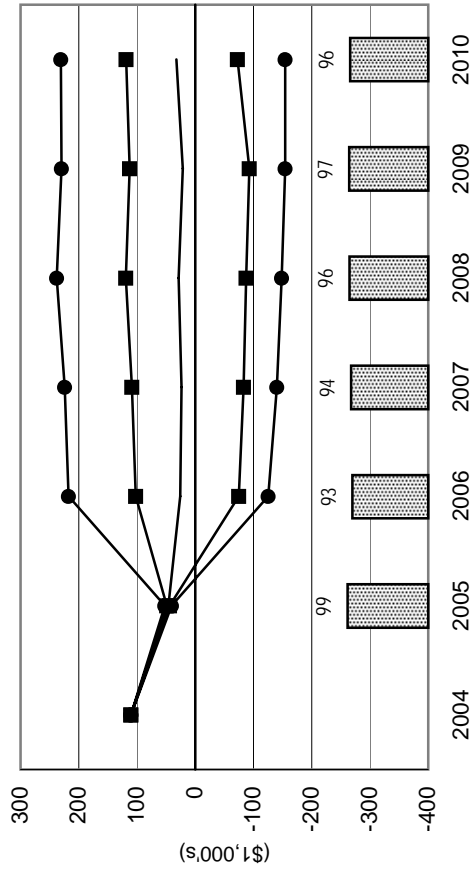


Figure 18. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Cotton Farms

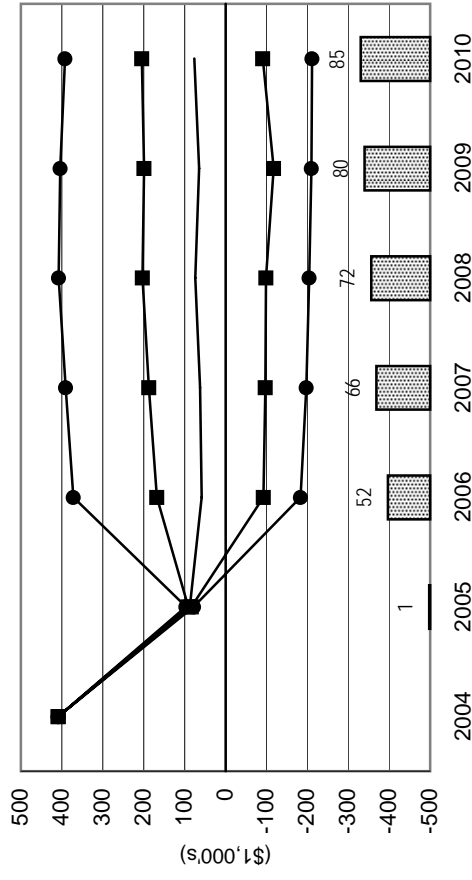
— Average NCFI ■ 25 & 75 Percentile NCFI ● Prob. of Cash Flow Deficit

■ 5 & 95 Percentile NCFI ▨ Prob. of Cash Flow Deficit

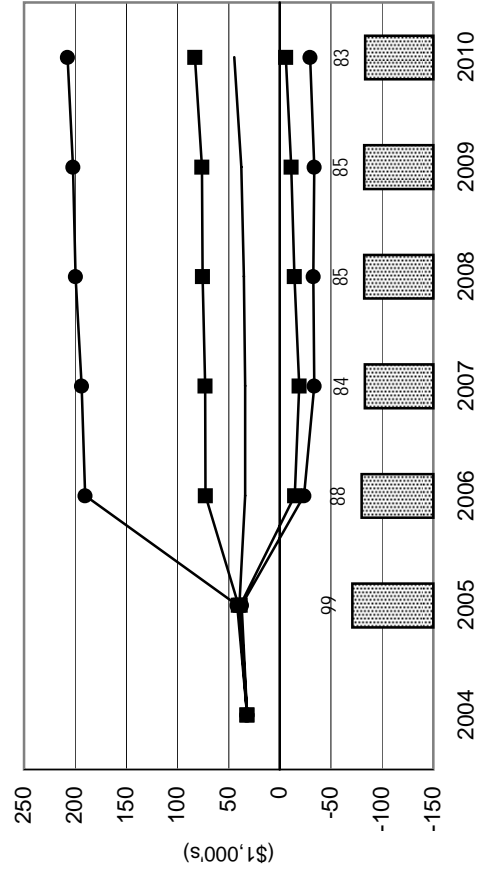
TXSP2239 Texas Southern Plains Cotton Farm



TXSP3745 Large Texas Southern Plains Cotton Farm



TXRP2500 Texas Rolling Plains Cotton Farm



CAC4000 California Cotton Farm

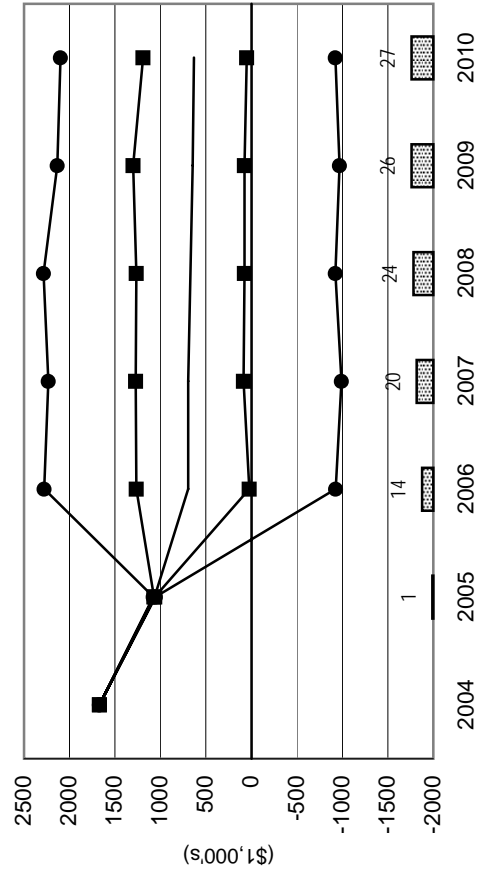
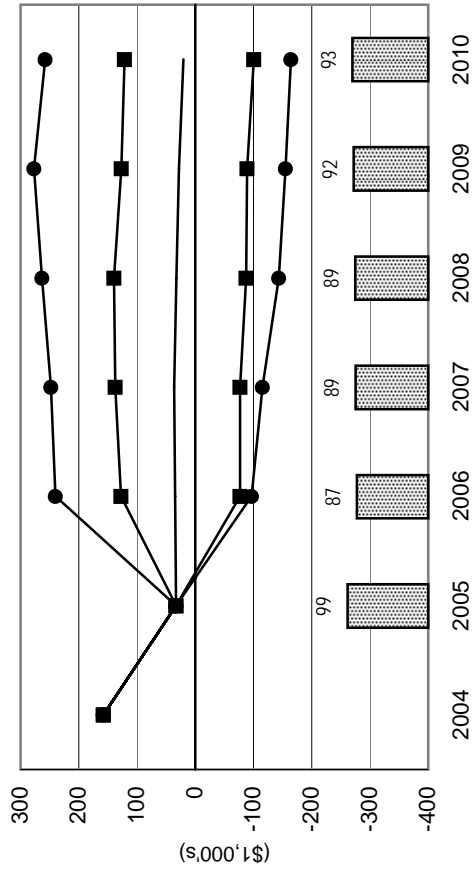


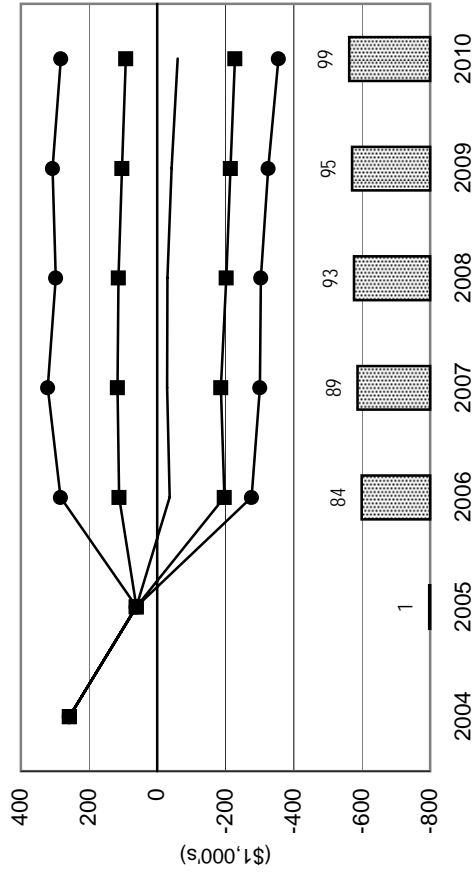
Figure 19. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Cotton Farms

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

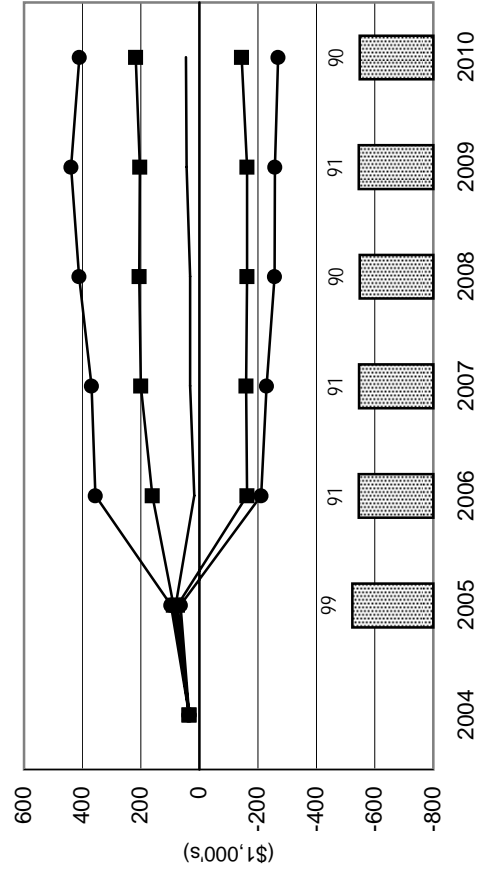
TXCB2250 Texas Coastal Bend Cotton Farm



TXCB5500 Large Texas Coastal Bend Cotton Farm



TXMC3500 Texas Mid-Coast Cotton Farm



TXVC4500 Texas Rio Grande Valley Cotton Farm

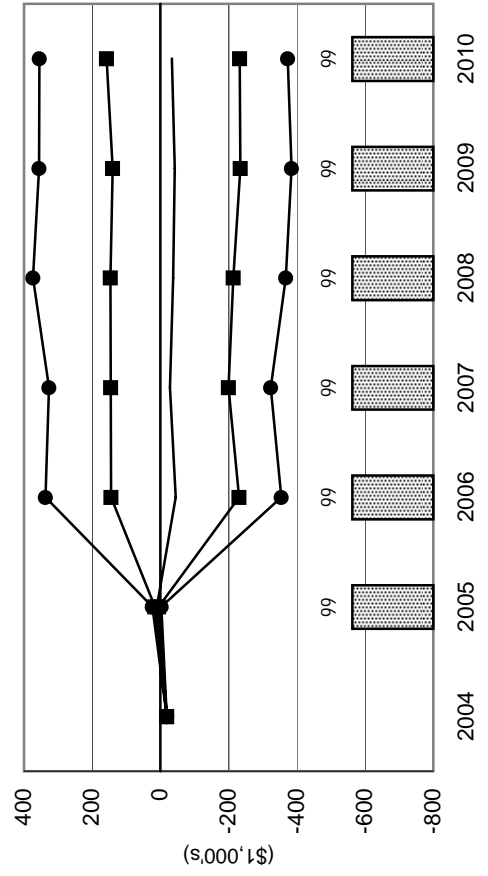
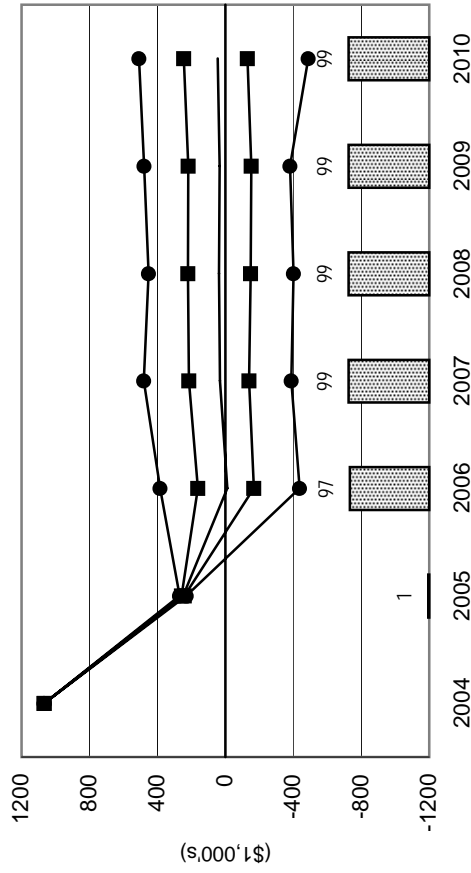


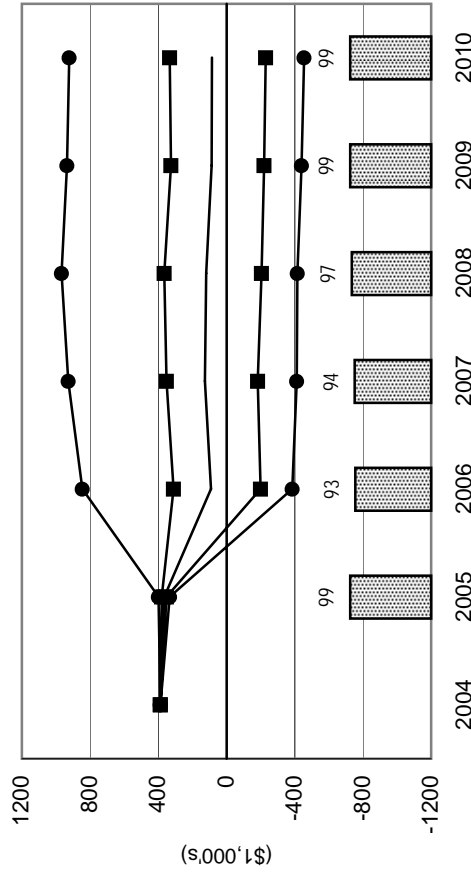
Figure 20. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Cotton Farms

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

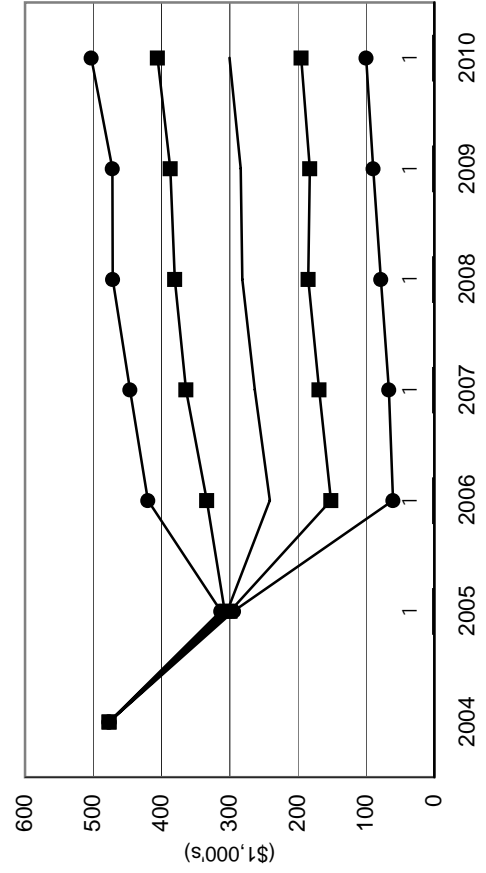
ARC6000 Arkansas Cotton Farm



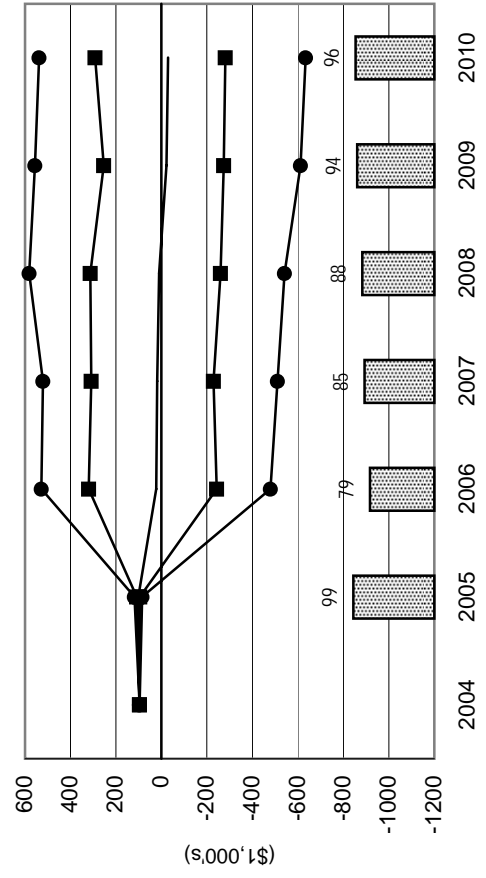
ARNC5000 Large Northern Arkansas Cotton Farm



TNC1900 Tennessee Cotton Farm



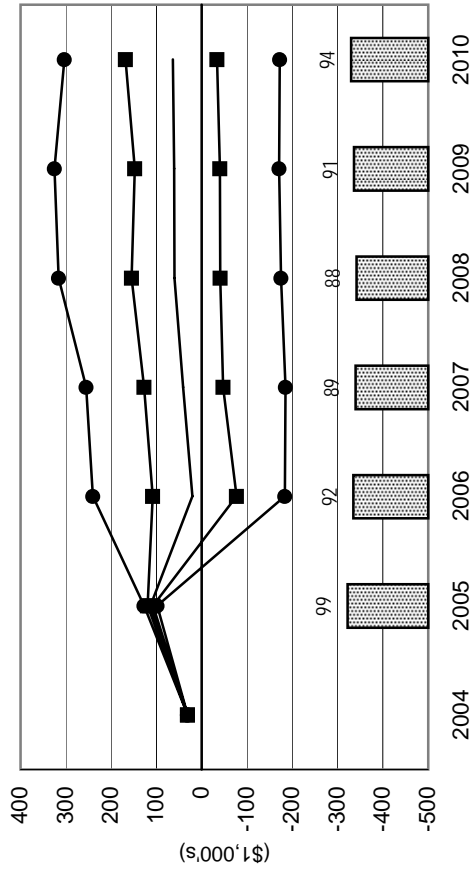
TNC4050 Large Tennessee Cotton Farm



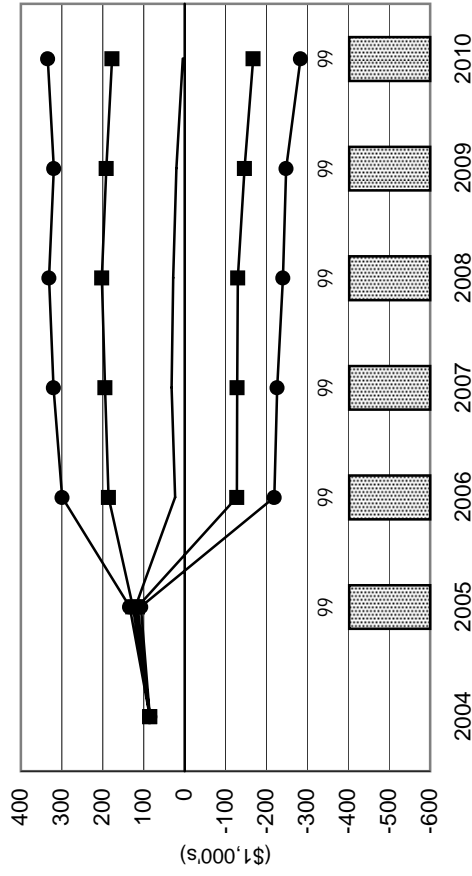
**Figure 21. Net Cash Farm Income and Probabilities of a Cash Flow Deficit:
Cotton Farms**

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

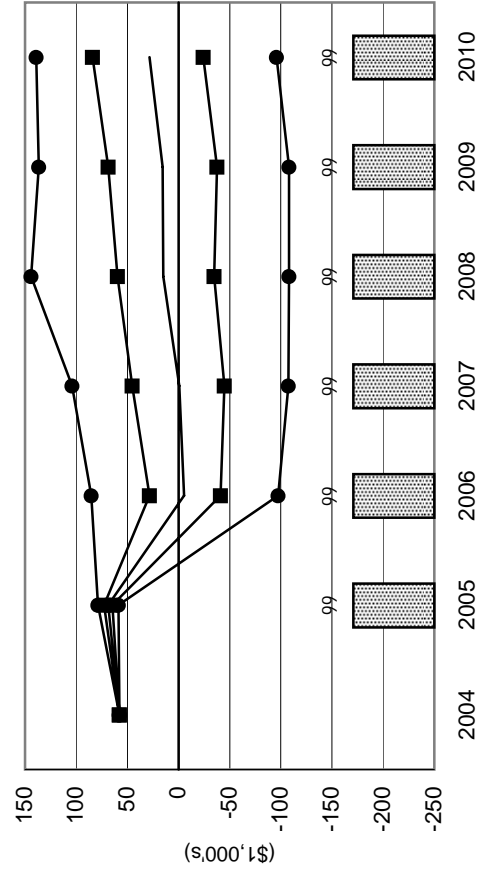
LAC2640 Louisiana Cotton Farm



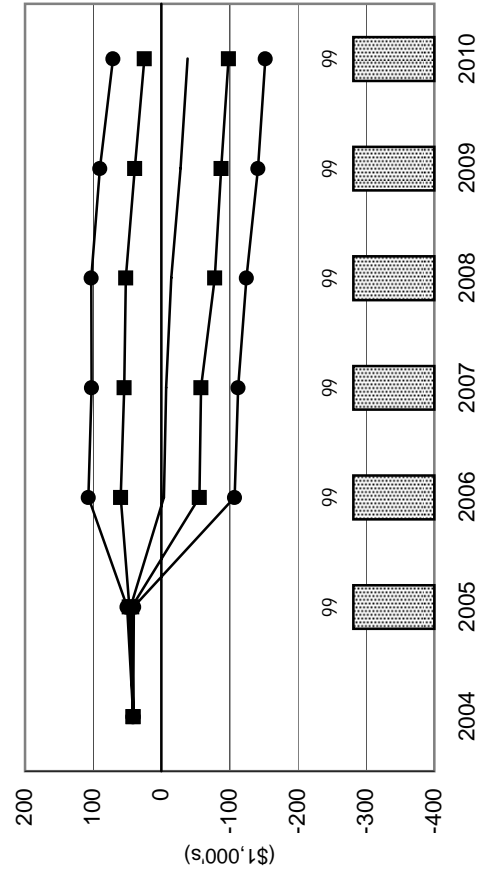
ALC3000 Alabama Cotton Farm



GAC1700 Georgia Cotton Farm



NCC1100 North Carolina Cotton Farm



AFFPC

Figure 22. Representative Farms Producing Rice

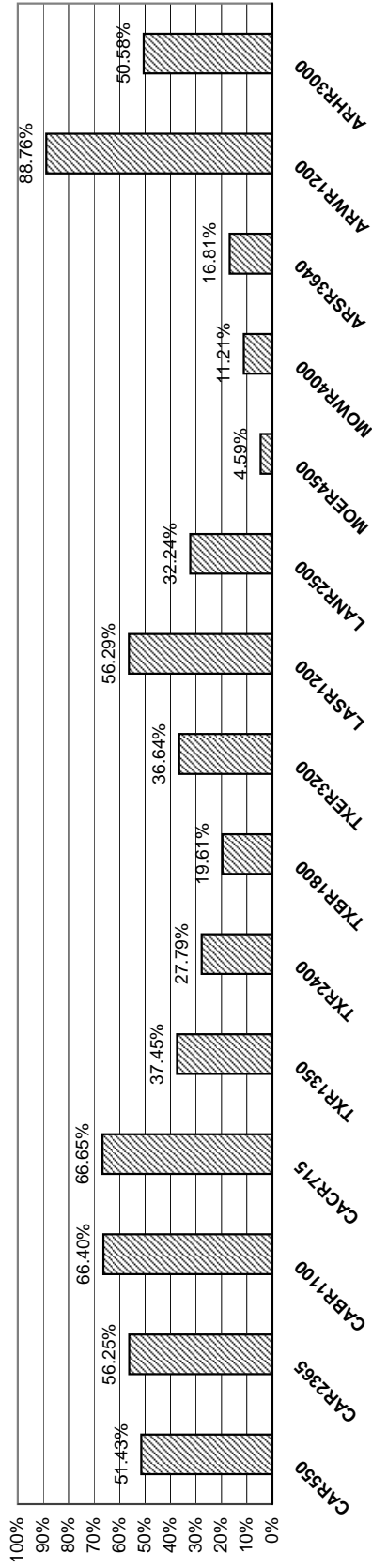


Table 11. Implications of the January 2006 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Rice.

	LASR1200	LANR2500	MOER4500	MOWR4000	ARSR3640	ARWR1200	ARHR3000
Overall Financial Position							
2006-2010 Ranking	Poor	Poor	Marginal	Marginal	Poor	Poor	Poor
Change Real Net Worth (%)							
2006-2010 Average	203.99	-7.34	1.65	1.47	-2.23	-24.51	-11.49
NIA to Maintain Real Net Worth (%/Rec.)	40.47	16.68	-12.23	-11.07	5.36	50.52	22.38
NIA for Zero Ending Cash Balance (%/Rec.)	56.29	32.24	4.59	11.21	16.81	88.76	50.58
Govt Payments/Receipts (%)							
2006-2010 Average	24.65	23.60	20.60	23.81	23.72	24.47	24.95
Cost to Receipts Ratio (%)							
2006-2010 Average	136.08	107.11	84.81	86.50	87.11	141.84	119.57
Total Cash Receipts (\$1000)							
2004	336.95	1,196.77	1,569.21	1,664.22	1,001.72	446.76	1,192.84
2005	359.82	1,099.01	1,714.19	1,709.62	1,024.64	493.96	1,346.26
2006	355.73	1,076.15	1,695.13	1,699.01	1,016.49	490.23	1,332.76
2007	366.00	1,104.85	1,721.33	1,740.48	1,051.26	506.10	1,375.49
2008	365.85	1,111.14	1,743.94	1,755.84	1,061.81	509.20	1,380.14
2009	371.27	1,125.48	1,770.88	1,776.95	1,073.01	515.81	1,398.44
2010	373.26	1,134.47	1,789.71	1,789.41	1,084.00	520.97	1,411.26
2006-2010 Average	366.42	1,110.42	1,744.20	1,752.34	1,057.31	508.46	1,379.62
Government Payments (\$1000)							
2004	46.39	147.20	214.27	204.08	136.30	61.67	164.75
2005	76.19	257.51	392.25	327.43	199.70	100.38	280.78
2006	89.18	271.49	393.37	409.19	247.31	125.18	344.86
2007	93.41	271.17	374.44	423.43	256.76	129.01	357.42
2008	93.98	268.92	359.48	420.54	256.37	128.36	361.39
2009	88.24	255.38	331.92	396.57	241.76	120.83	336.33
2010	80.19	236.96	303.21	363.51	223.77	111.04	305.39
2006-2010 Average	89.00	260.78	352.48	402.65	245.19	122.89	341.08
Net Cash Farm Income (\$1000)							
2004	-27.95	205.52	311.39	434.88	262.08	-58.09	-51.67
2005	-64.69	26.03	344.91	373.69	218.05	-84.45	-74.57
2006	-105.37	-63.00	247.75	290.45	150.46	-138.65	-203.91
2007	-103.60	-40.93	279.98	327.94	166.17	-178.63	-196.90
2008	-113.69	-60.81	296.06	329.30	177.11	-200.59	-237.59
2009	-120.22	-80.08	326.82	337.26	162.74	-218.33	-262.99
2010	-133.16	-81.84	355.13	356.40	175.50	-246.72	-273.96
2006-2010 Average	-115.21	-65.33	301.15	328.27	166.39	-196.59	-235.07
Ending Cash Reserves (\$1000)							
2004	-72.06	-9.96	43.08	51.70	15.71	-192.72	-251.05
2005	-201.10	-198.43	55.32	-16.15	24.22	-386.94	-575.73
2006	-372.85	-481.11	-74.07	-214.97	-120.80	-660.08	-1,057.93
2007	-528.97	-693.37	-76.50	-285.03	-218.48	-1,017.60	-1,503.99
2008	-696.95	-1,012.72	-142.68	-435.12	-295.36	-1,383.08	-2,063.02
2009	-871.56	-1,335.22	-202.84	-584.86	-478.34	-1,771.62	-2,692.58
2010	-1,061.96	-1,666.19	-260.92	-699.72	-666.03	-2,247.89	-3,311.26
Nominal Net Worth (\$1000)							
2004	185.94	2,256.68	5,198.73	5,512.45	2,338.45	1,330.77	2,869.11
2005	71.91	2,298.73	5,772.90	6,123.84	2,531.05	1,244.68	2,900.69
2006	-76.13	2,231.83	6,146.98	6,507.21	2,579.87	1,085.09	2,738.17
2007	-226.72	2,083.72	6,288.72	6,641.62	2,518.25	768.54	2,417.11
2008	-388.53	1,843.55	6,302.51	6,640.43	2,462.07	443.79	1,970.14
2009	-552.44	1,634.05	6,440.31	6,770.58	2,351.70	133.34	1,540.45
2010	-723.14	1,405.92	6,604.18	6,933.36	2,278.41	-238.16	1,164.27
Prob. of Negative Ending Cash (%)							
2006	99	99	57	65	81	99	99
2007	99	99	54	71	86	99	99
2008	99	99	64	80	86	99	99
2009	99	99	73	84	95	99	99
2010	99	99	71	86	99	99	99
Prob. of Decreasing Real Net Worth Over 2004-2010 (%)	99	99	1	1	55	99	99

Figure 23. Rice Farms

Minimum Annual Percentage Change in Receipts, 2006-2010, Needed to Have a Zero Ending Cash Balance in 2010



Economic and Financial Position Over the Period, 2006-2010, for all Rice Farms

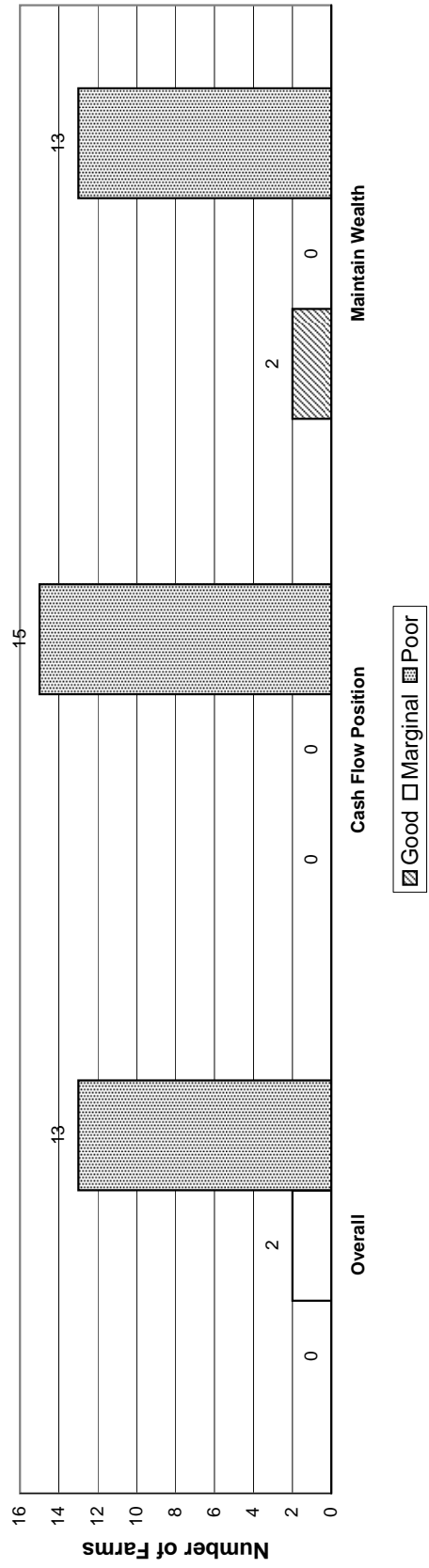
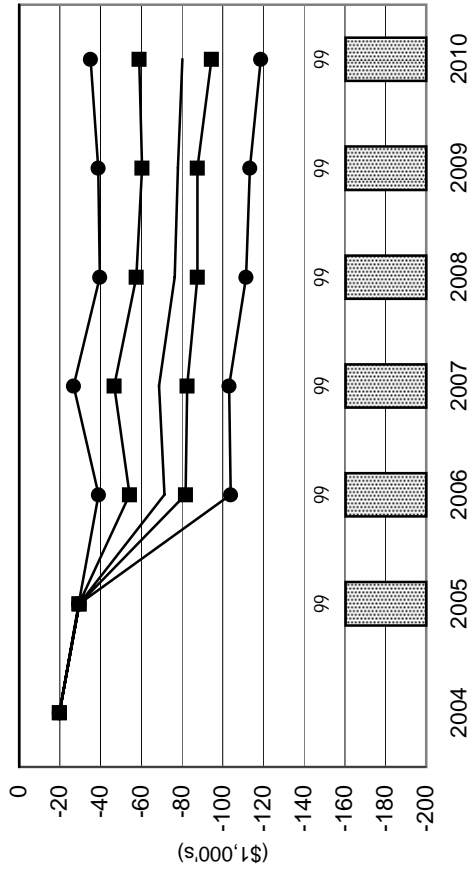


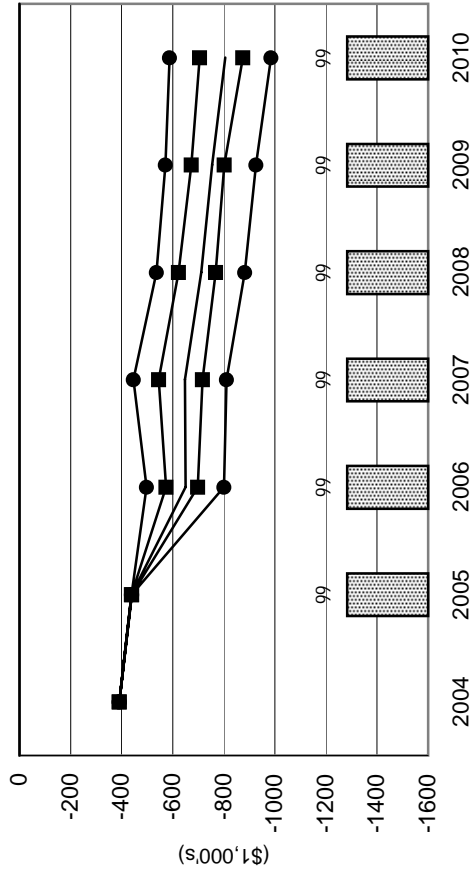
Figure 24. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Rice Farms

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

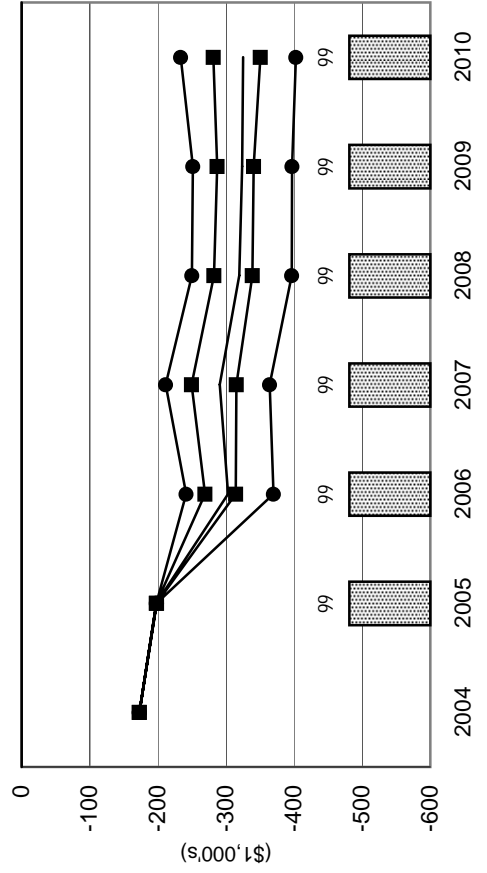
CAR550 California Rice Farm



CAR2365 California Rice Farm



CABR1100 California Rice Farm



CACR715 California Rice Farm

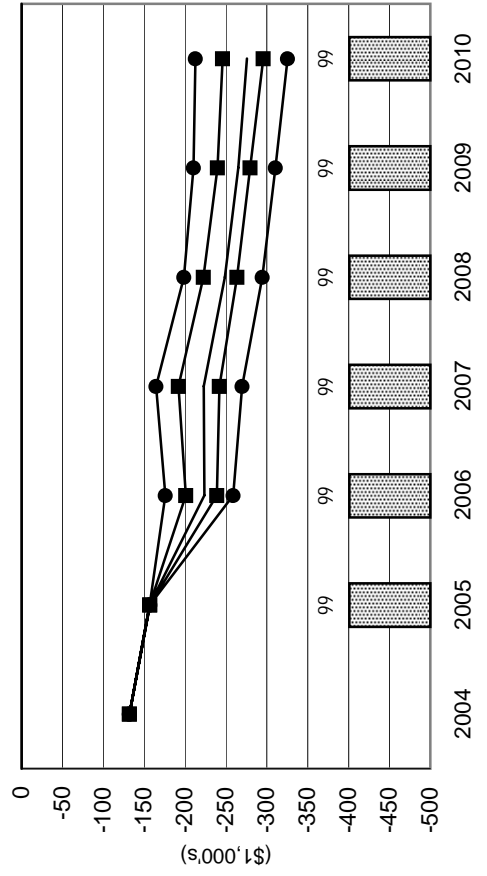


Figure 25. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Rice Farms

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

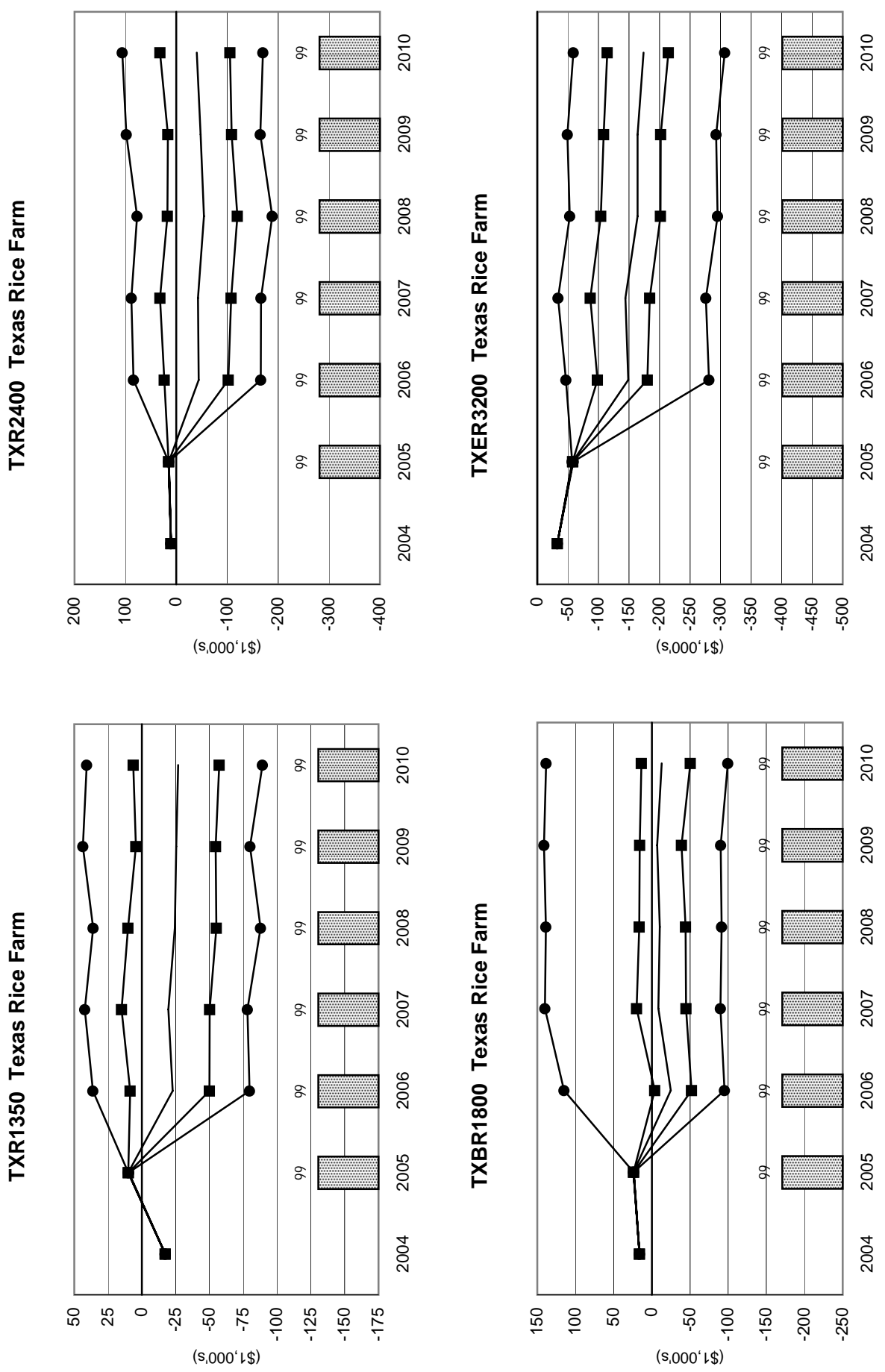
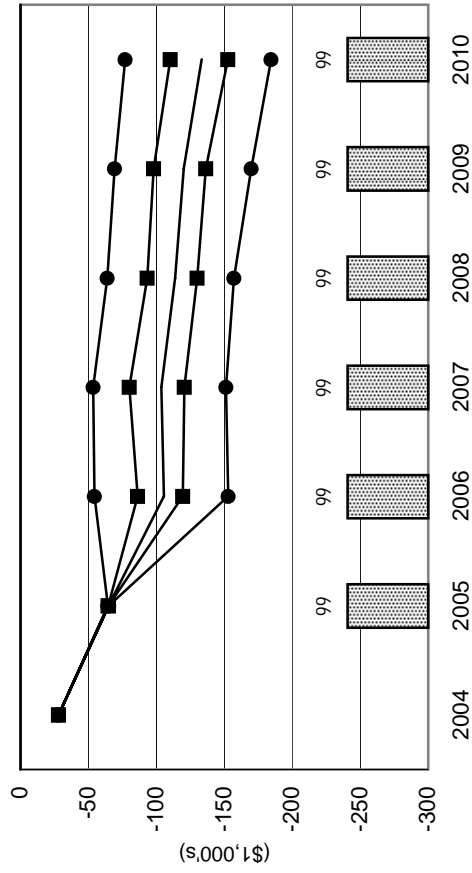


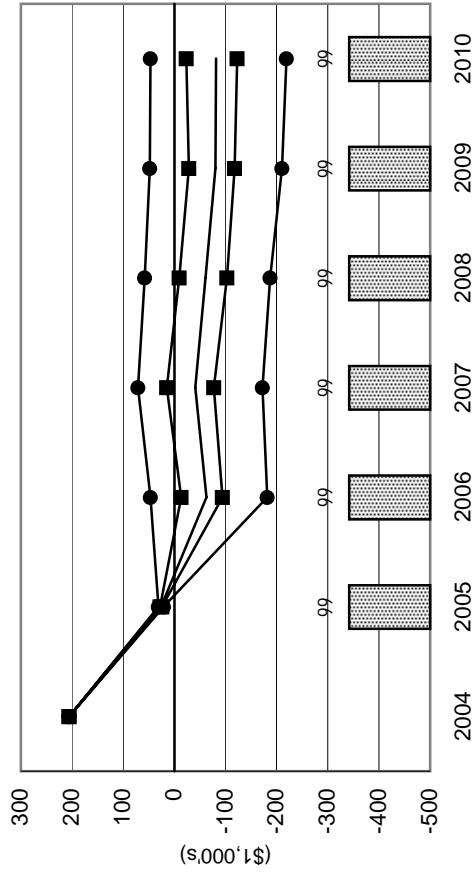
Figure 26. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Rice Farms

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

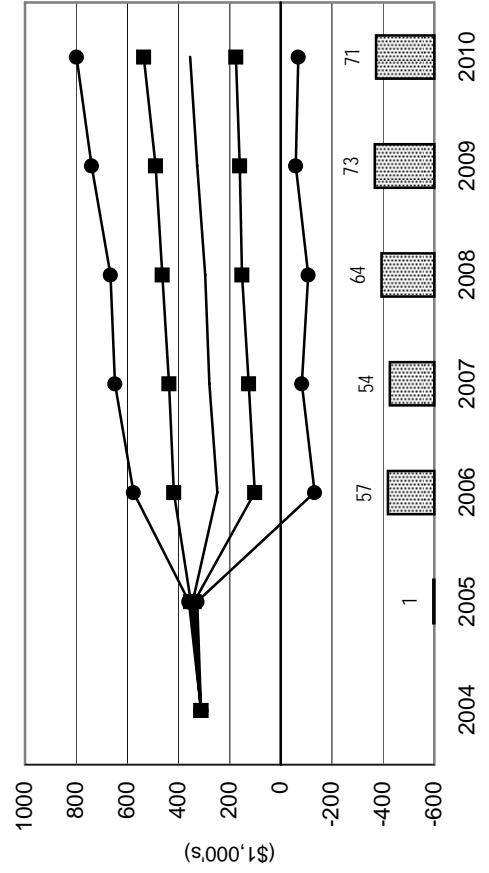
LASR1200 Louisiana Rice Farm



LANR2500 Louisiana Rice Farm



MOER4500 Missouri Rice Farm



MOWR4000 Missouri Rice Farm

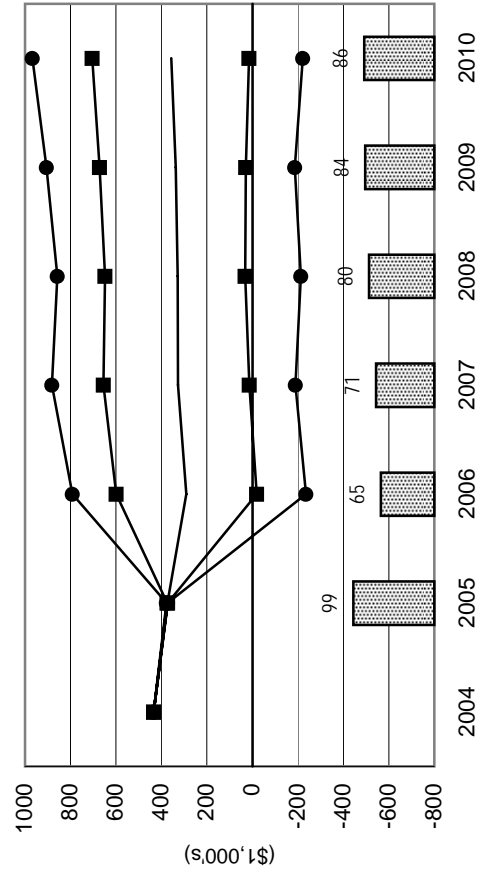
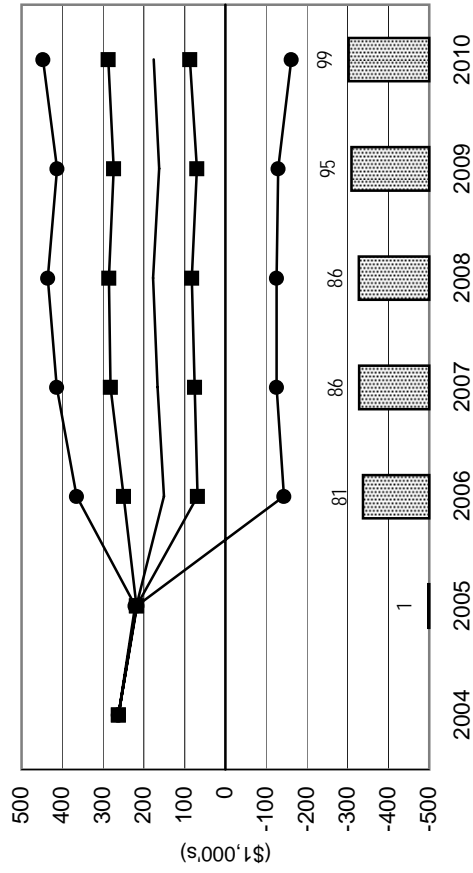


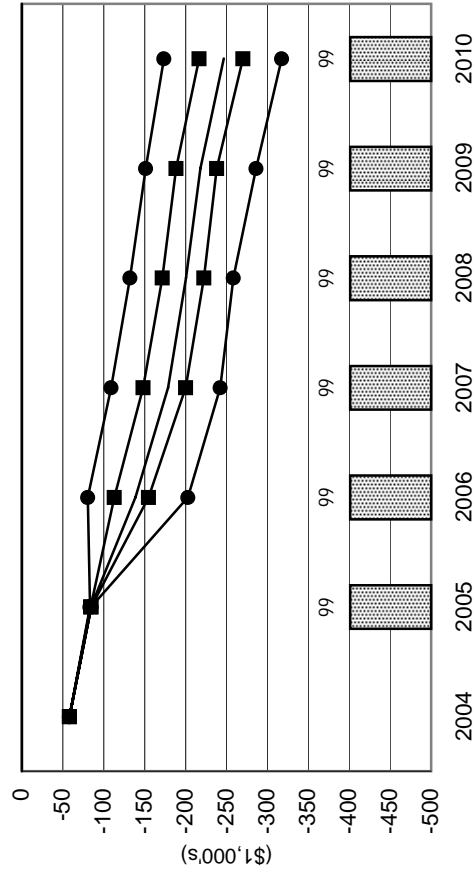
Figure 27. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Rice Farms

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

ARSR3640 Arkansas Rice Farm



ARWR1200 Arkansas Rice Farm



ARHR3000 Arkansas Rice Farm

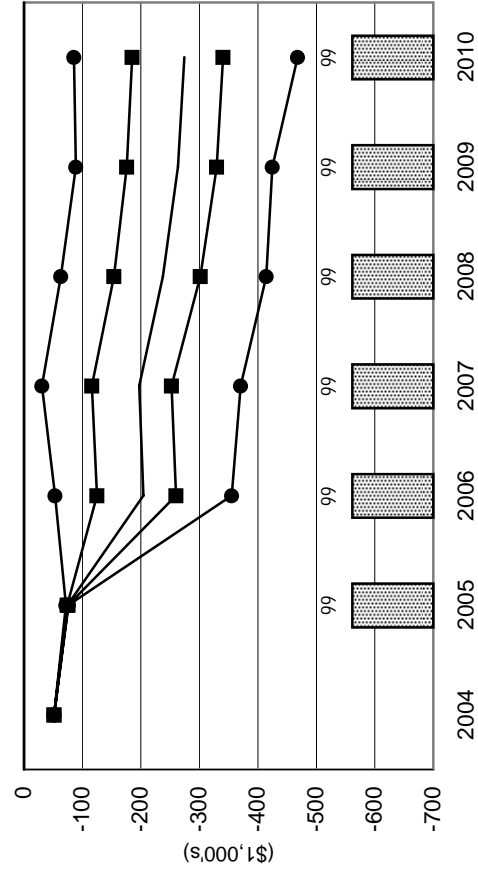


Figure 28. Representative Farms Producing Milk

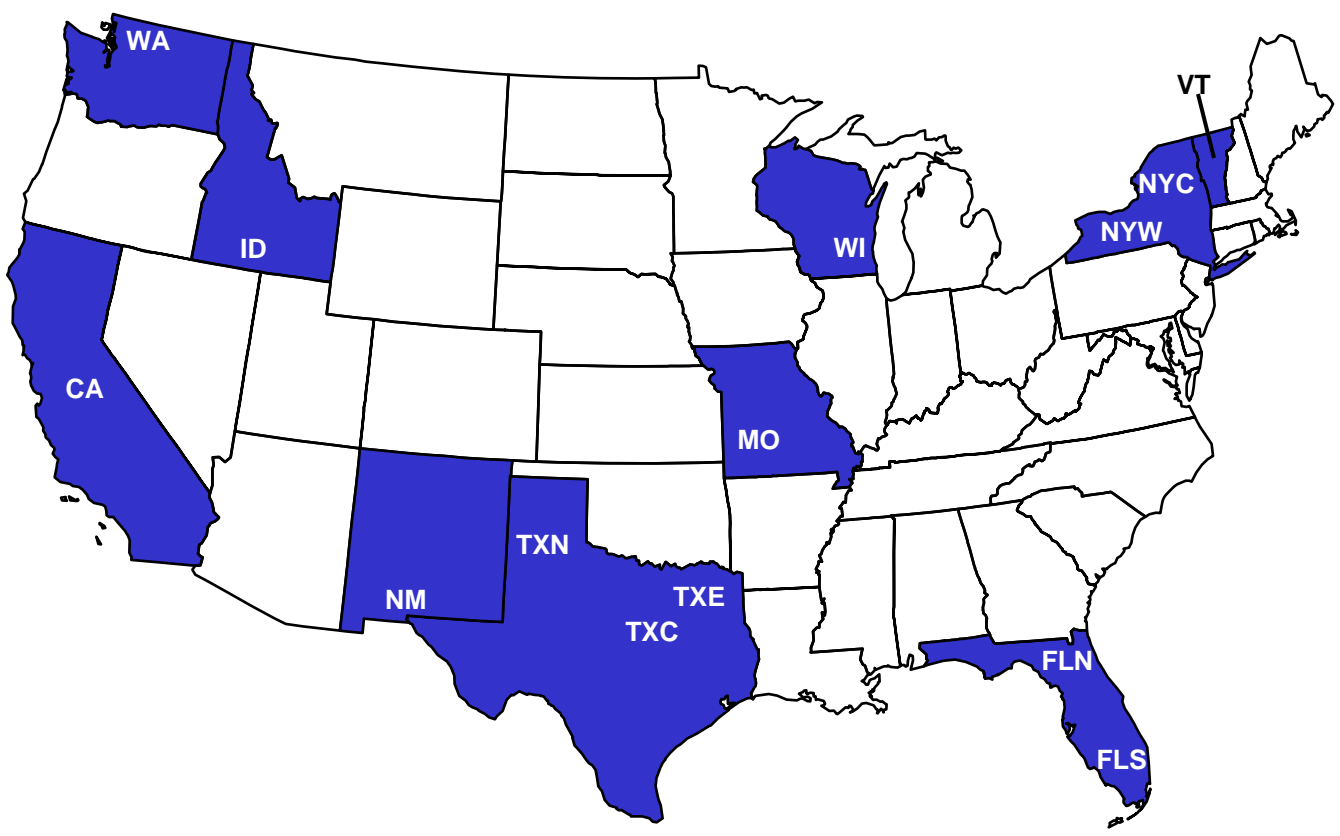


Table 12. Implications of the January 2006 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Milk.

	CAD1710	NMD2125	WAD250	WAD850	IDD1000	IDD3000	TXND2400	TXCD550	TXCD1300
Overall Financial Position									
2006-2010 Ranking	Good	Good	Good	Poor	Marginal	Good	Marginal	Poor	Good
Change Real Net Worth (%)									
2006-2010 Average	2.39	3.03	1.98	-2.43	0.49	2.42	1.69	-7.91	2.42
NIA to Maintain Real Net Worth (%/Rec.)	-12.62	-10.35	-10.83	5.80	-2.52	-10.88	-4.28	13.74	-7.05
NIA for Zero Ending Cash Balance (%/Rec.)	-16.71	-16.68	-5.19	5.25	-5.71	-14.89	-13.32	12.43	-14.55
Govt Payments/Receipts (%)									
2006-2010 Average	0.65	0.07	0.89	0.87	0.14	0.46	0.06	0.30	0.11
Cost to Receipts Ratio (%)									
2006-2010 Average	84.95	84.00	83.43	100.48	93.44	84.52	89.89	108.70	86.34
Total Cash Receipts (\$1000)									
2004	6,215.37	7,531.38	977.97	3,351.52	3,997.91	11,652.24	8,497.27	1,750.23	4,614.82
2005	6,023.15	7,286.23	942.61	3,227.73	3,839.31	11,269.57	8,158.89	1,691.29	4,463.83
2006	5,442.94	6,583.74	859.88	2,900.33	3,459.49	10,093.19	7,345.05	1,538.20	4,060.21
2007	5,422.58	6,553.47	856.70	2,883.96	3,445.90	10,042.19	7,306.50	1,532.51	4,048.58
2008	5,527.77	6,680.32	863.16	2,937.64	3,511.89	10,260.41	7,450.70	1,553.01	4,123.87
2009	5,640.70	6,818.76	881.13	3,001.65	3,584.45	10,475.97	7,604.50	1,584.83	4,209.09
2010	5,722.38	6,914.18	892.90	3,044.08	3,639.33	10,640.12	7,709.31	1,606.86	4,269.38
2006-2010 Average	5,551.27	6,710.10	870.75	2,953.53	3,528.21	10,302.37	7,483.21	1,563.08	4,142.22
Government Payments (\$1000)									
2004	22.18	40.00	2.51	18.86	32.32	78.18	40.00	0.00	0.00
2005	43.42	0.00	6.51	38.35	0.00	78.21	0.00	0.00	0.00
2006	47.32	10.36	14.65	38.51	10.36	68.25	10.36	10.36	10.36
2007	44.96	11.61	15.00	34.01	11.61	57.44	11.61	11.61	11.61
2008	30.47	0.00	2.88	19.43	0.00	39.69	0.00	0.00	0.00
2009	27.90	0.00	2.52	17.28	0.00	35.24	0.00	0.00	0.00
2010	25.81	0.00	2.26	15.72	0.00	31.94	0.00	0.00	0.00
2006-2010 Average	35.29	4.39	7.46	24.99	4.39	46.51	4.39	4.39	4.39
Net Cash Farm Income (\$1000)									
2004	2,062.03	2,623.74	321.50	753.52	1,084.18	3,877.17	2,663.72	318.00	1,534.76
2005	1,565.39	2,009.84	235.77	429.40	762.62	3,107.56	1,850.28	153.49	1,148.03
2006	878.55	1,166.81	147.92	58.52	300.14	1,728.06	885.57	-71.76	616.32
2007	801.98	1,060.63	147.03	15.21	241.81	1,571.56	753.82	-107.75	552.67
2008	833.88	1,099.43	145.06	13.07	257.99	1,672.95	773.95	-131.22	569.21
2009	882.99	1,150.96	158.70	24.20	288.68	1,781.73	824.98	-145.18	605.15
2010	931.62	1,182.91	171.56	40.52	303.07	1,882.63	846.81	-155.03	633.89
2006-2010 Average	865.80	1,132.15	154.05	30.30	278.34	1,727.38	817.03	-122.19	595.45
Ending Cash Reserves (\$1000)									
2004	859.29	1,244.19	116.86	306.60	481.65	1,670.73	1,463.07	146.81	746.24
2005	1,426.79	1,912.50	159.13	383.04	760.92	2,757.90	2,247.66	160.72	1,194.46
2006	1,658.51	2,187.31	143.62	166.12	754.37	3,104.61	2,513.49	-24.76	1,303.87
2007	1,941.02	2,490.84	154.79	-16.07	730.78	3,452.93	2,752.72	-202.19	1,495.85
2008	2,238.23	2,811.97	147.04	-206.23	731.11	3,878.90	3,014.94	-422.05	1,681.44
2009	2,549.33	3,123.72	142.58	-434.41	742.14	4,288.54	3,306.46	-670.26	1,885.46
2010	2,871.00	3,431.65	157.09	-648.12	696.96	4,754.05	3,631.24	-930.35	2,101.57
Nominal Net Worth (\$1000)									
2004	10,168.36	8,405.77	2,038.69	5,179.34	5,085.45	16,522.76	9,316.25	2,207.66	5,473.41
2005	11,409.23	9,565.27	2,266.75	5,506.52	5,677.54	18,639.01	10,298.62	2,350.89	6,099.44
2006	11,998.38	9,970.86	2,380.11	5,421.73	5,807.31	19,482.35	10,411.71	2,212.42	6,224.55
2007	12,309.56	10,251.13	2,431.27	5,244.91	5,794.75	19,905.12	10,496.65	2,017.27	6,346.90
2008	12,556.59	10,549.99	2,458.33	5,040.37	5,790.01	20,347.11	10,650.83	1,781.81	6,488.23
2009	12,924.60	10,956.44	2,514.84	4,878.27	5,854.14	20,969.04	10,912.05	1,554.85	6,692.86
2010	13,321.86	11,370.73	2,594.56	4,727.34	5,896.55	21,656.40	11,169.32	1,331.66	6,911.37
Prob. of Negative Ending Cash (%)									
2006	1	1	1	28	1	1	1	57	1
2007	1	1	6	51	4	1	1	84	1
2008	1	1	13	60	9	1	1	93	1
2009	1	1	15	70	11	1	1	98	1
2010	1	1	14	78	11	1	1	99	1
Prob. of Decreasing Real Net Worth Over 2004-2010 (%)	1	1	1	5	1	1	1	18	1

Table 13. Implications of the January 2006 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Milk.

	TXED550	TXED1000	WID145	WID775	NYWD800	NYWD1200	NYCD110	NYCD500
Overall Financial Position								
2006-2010 Ranking	Marginal	Good	Good	Good	Poor	Poor	Good	Good
Change Real Net Worth (%)								
2006-2010 Average	-0.95	3.15	1.62	5.53	-2.75	-2.29	5.11	1.32
NIA to Maintain Real Net Worth (%/Rec.)	2.42	-10.21	-17.32	-22.95	4.75	4.35	-22.35	-5.25
NIA for Zero Ending Cash Balance (%/Rec.)	-4.91	-18.19	-11.46	-30.87	5.76	3.36	-28.97	-4.87
Govt Payments/Receipts (%)								
2006-2010 Average	0.34	0.15	1.93	0.82	1.26	1.12	2.20	1.16
Cost to Receipts Ratio (%)								
2006-2010 Average	93.22	84.27	77.44	71.72	100.85	99.79	68.11	89.53
Total Cash Receipts (\$1000)								
2004	1,573.24	3,525.15	652.85	3,486.17	3,399.97	5,063.02	524.75	2,236.36
2005	1,518.99	3,404.72	622.67	3,316.59	3,208.24	4,788.78	497.66	2,115.04
2006	1,380.17	3,087.16	574.41	3,021.89	2,915.33	4,352.17	465.15	1,935.46
2007	1,375.69	3,076.44	572.07	3,014.20	2,899.88	4,329.95	464.12	1,928.57
2008	1,393.79	3,130.75	571.29	3,069.24	2,950.43	4,410.58	461.61	1,958.28
2009	1,422.81	3,195.19	581.48	3,131.56	3,011.14	4,500.49	470.52	1,998.37
2010	1,443.25	3,240.82	589.31	3,180.66	3,054.13	4,564.51	476.97	2,027.31
2006-2010 Average	1,403.14	3,146.07	577.71	3,083.51	2,966.18	4,431.54	467.68	1,969.60
Government Payments (\$1000)								
2004	0.00	0.00	5.10	18.16	50.51	62.54	8.79	29.64
2005	0.00	0.00	10.00	36.97	40.88	56.29	7.29	22.67
2006	10.36	10.36	18.82	37.88	52.14	67.91	17.73	33.53
2007	11.61	11.61	18.62	33.56	45.48	58.22	17.59	30.39
2008	0.00	0.00	6.12	18.98	30.80	42.38	5.43	17.08
2009	0.00	0.00	5.51	16.83	28.35	39.00	4.99	15.73
2010	0.00	0.00	5.10	15.22	26.67	36.67	4.69	14.79
2006-2010 Average	4.39	4.39	10.83	24.49	36.69	48.83	10.08	22.31
Net Cash Farm Income (\$1000)								
2004	445.08	1,169.79	257.60	1,522.00	805.61	1,249.88	246.57	701.38
2005	305.72	926.57	202.27	1,238.54	428.92	732.28	194.74	453.54
2006	120.64	568.93	136.42	897.46	42.49	111.51	149.58	212.04
2007	103.20	504.32	136.04	864.86	-18.39	15.42	148.67	193.30
2008	103.48	510.39	133.43	890.73	-22.52	10.79	143.77	200.60
2009	114.87	532.12	139.30	919.38	-11.72	19.39	152.27	226.84
2010	122.72	543.53	136.92	953.22	-15.13	35.60	160.02	253.76
2006-2010 Average	112.98	531.86	136.42	905.13	-5.05	38.54	150.86	217.31
Ending Cash Reserves (\$1000)								
2004	220.55	562.89	124.30	751.00	386.31	610.34	121.62	275.66
2005	323.81	934.45	163.03	1,221.08	411.16	754.75	198.30	371.85
2006	302.86	1,107.04	159.92	1,524.46	147.68	421.29	242.17	333.56
2007	302.51	1,314.01	190.03	1,846.42	-84.00	165.50	295.01	335.70
2008	296.31	1,523.50	216.45	2,194.69	-322.70	-117.66	343.49	328.10
2009	287.53	1,744.47	239.94	2,522.99	-554.79	-401.14	390.43	316.40
2010	277.51	1,965.54	222.27	2,879.82	-772.80	-674.93	445.07	319.79
Nominal Net Worth (\$1000)								
2004	1,680.13	4,096.23	1,963.95	4,288.80	4,382.81	6,889.92	749.35	2,994.14
2005	1,849.91	4,664.01	2,208.48	4,997.47	4,773.19	7,528.66	873.86	3,336.22
2006	1,812.30	4,862.04	2,353.79	5,420.67	4,751.38	7,484.70	945.38	3,452.88
2007	1,771.07	5,005.92	2,410.98	5,749.94	4,556.95	7,238.48	1,004.29	3,492.78
2008	1,733.92	5,156.32	2,441.42	6,083.27	4,337.08	6,954.34	1,055.19	3,499.55
2009	1,721.20	5,362.28	2,494.82	6,458.31	4,191.69	6,758.48	1,111.50	3,571.08
2010	1,704.86	5,571.90	2,525.50	6,861.74	4,066.69	6,574.50	1,177.16	3,650.12
Prob. of Negative Ending Cash (%)								
2006	1	1	1	1	24	9	1	1
2007	5	1	1	1	58	35	1	2
2008	11	1	1	1	75	55	1	5
2009	14	1	1	1	85	69	1	8
2010	15	1	1	1	89	79	1	9
Prob. of Decreasing Real Net Worth Over 2004-2010 (%)	1	1	1	1	2	1	1	1

Table 14. Implications of the January 2006 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Milk.

	VTD134	VTD350	MOD85	MOD400	FLND550	FLSD1500
Overall Financial Position						
2006-2010 Ranking	Good	Poor	Marginal	Good	Good	Poor
Change Real Net Worth (%)						
2006-2010 Average	2.65	-1.31	1.05	2.79	6.49	-7.21
NIA to Maintain Real Net Worth (%/Rec.)	-10.51	2.79	-10.95	-15.00	-31.16	12.35
NIA for Zero Ending Cash Balance (%/Rec.)	-13.86	3.79	7.99	-13.44	-35.27	11.73
Govt Payments/Receipts (%)						
2006-2010 Average	1.47	1.63	1.19	0.35	0.25	0.10
Cost to Receipts Ratio (%)						
2006-2010 Average	79.50	97.39	80.37	80.52	65.06	111.06
Total Cash Receipts (\$1000)						
2004	617.47	1,468.48	284.66	1,498.46	2,013.09	5,192.60
2005	594.02	1,413.22	272.56	1,434.54	1,987.44	5,121.24
2006	555.88	1,299.85	253.57	1,305.20	1,841.75	4,708.28
2007	554.97	1,292.77	253.27	1,302.75	1,843.66	4,707.23
2008	553.82	1,305.93	250.21	1,319.76	1,869.62	4,792.52
2009	564.09	1,330.49	254.89	1,347.59	1,906.73	4,889.09
2010	571.56	1,348.03	258.13	1,367.80	1,936.41	4,965.43
2006-2010 Average	560.06	1,315.42	254.01	1,328.62	1,879.63	4,812.51
Government Payments (\$1000)						
2004	7.50	23.35	3.31	14.74	0.00	0.00
2005	4.65	21.33	0.00	0.00	0.00	0.00
2006	15.11	32.18	6.80	10.36	10.36	10.36
2007	15.44	29.16	7.73	11.61	11.61	11.61
2008	3.47	15.90	0.00	0.00	0.00	0.00
2009	3.18	14.58	0.00	0.00	0.00	0.00
2010	2.98	13.67	0.00	0.00	0.00	0.00
2006-2010 Average	8.03	21.10	2.91	4.39	4.39	4.39
Net Cash Farm Income (\$1000)						
2004	218.07	342.26	102.32	557.63	957.09	661.01
2005	166.15	209.00	74.83	426.13	762.58	266.17
2006	118.98	57.31	54.08	274.71	628.07	-421.06
2007	116.61	38.15	54.39	265.54	641.81	-479.85
2008	110.55	30.44	49.42	263.85	652.17	-511.14
2009	118.35	39.92	50.74	276.34	684.66	-516.62
2010	121.23	46.32	52.66	288.68	721.97	-510.29
2006-2010 Average	117.14	42.43	52.26	273.82	665.73	-487.79
Ending Cash Reserves (\$1000)						
2004	106.79	143.41	27.12	243.30	418.85	310.52
2005	158.85	161.55	26.18	379.35	676.48	343.65
2006	175.06	68.56	4.00	413.06	884.50	-253.47
2007	208.04	6.10	-6.55	479.63	1,118.44	-845.93
2008	231.52	-74.43	-23.02	526.50	1,356.96	-1,484.15
2009	262.63	-142.15	-48.13	561.85	1,610.31	-2,130.05
2010	283.51	-207.74	-76.60	602.13	1,881.62	-2,785.64
Nominal Net Worth (\$1000)						
2004	926.98	2,814.85	948.15	2,750.71	2,912.54	7,016.03
2005	1,049.34	3,060.86	1,058.36	3,117.92	3,400.35	7,475.77
2006	1,104.53	3,087.57	1,125.04	3,317.03	3,747.90	7,057.24
2007	1,137.34	3,028.17	1,146.86	3,432.19	4,026.16	6,441.99
2008	1,161.97	2,943.79	1,148.45	3,515.03	4,284.92	5,749.04
2009	1,203.84	2,900.12	1,161.04	3,632.11	4,594.47	5,126.77
2010	1,240.23	2,862.72	1,175.32	3,749.14	4,923.41	4,494.12
Prob. of Negative Ending Cash (%)						
2006	1	23	44	1	1	71
2007	1	47	55	1	1	92
2008	1	63	67	1	1	98
2009	1	73	83	1	1	99
2010	1	80	94	1	1	99
Prob. of Decreasing Real Net Worth Over 2004-2010 (%)	1	1	1	1	1	12

Figure 29. Dairy Farms

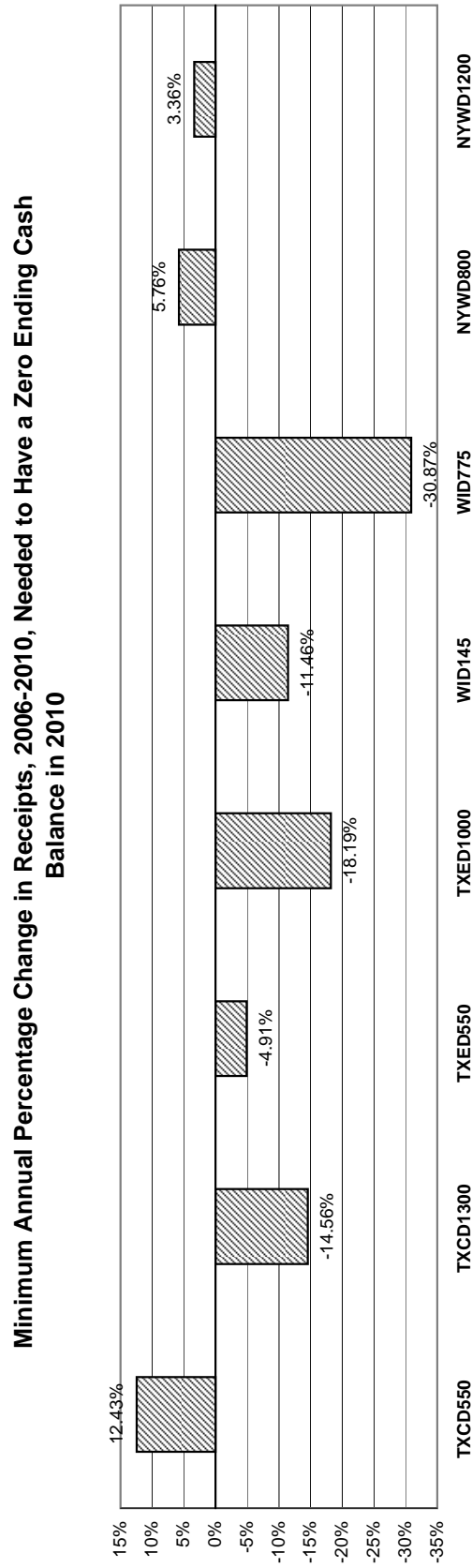
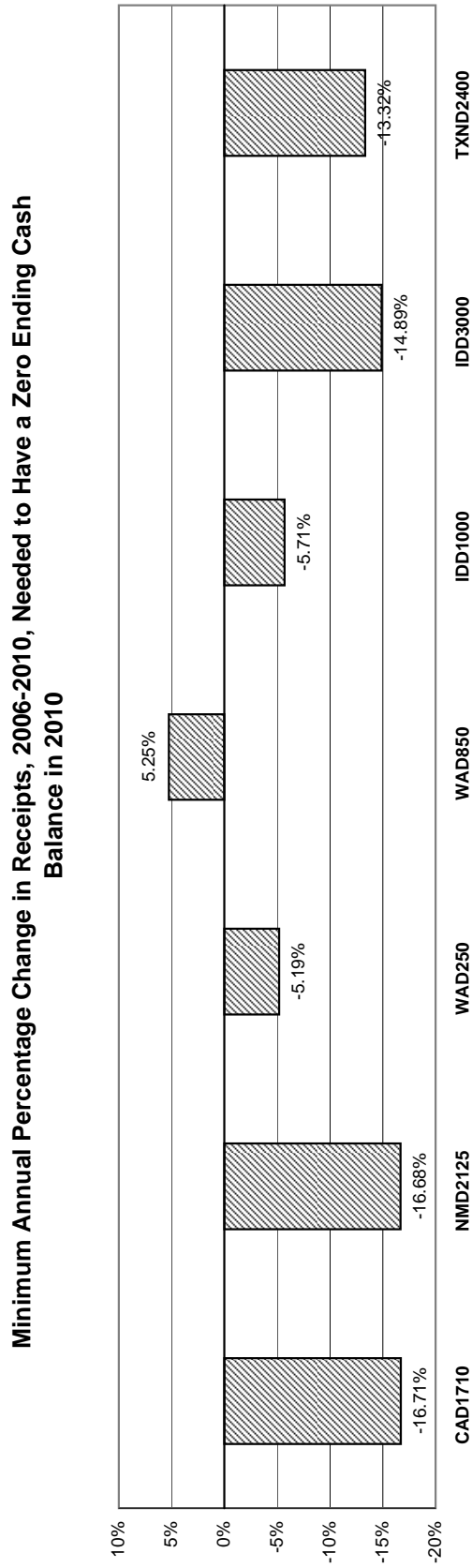
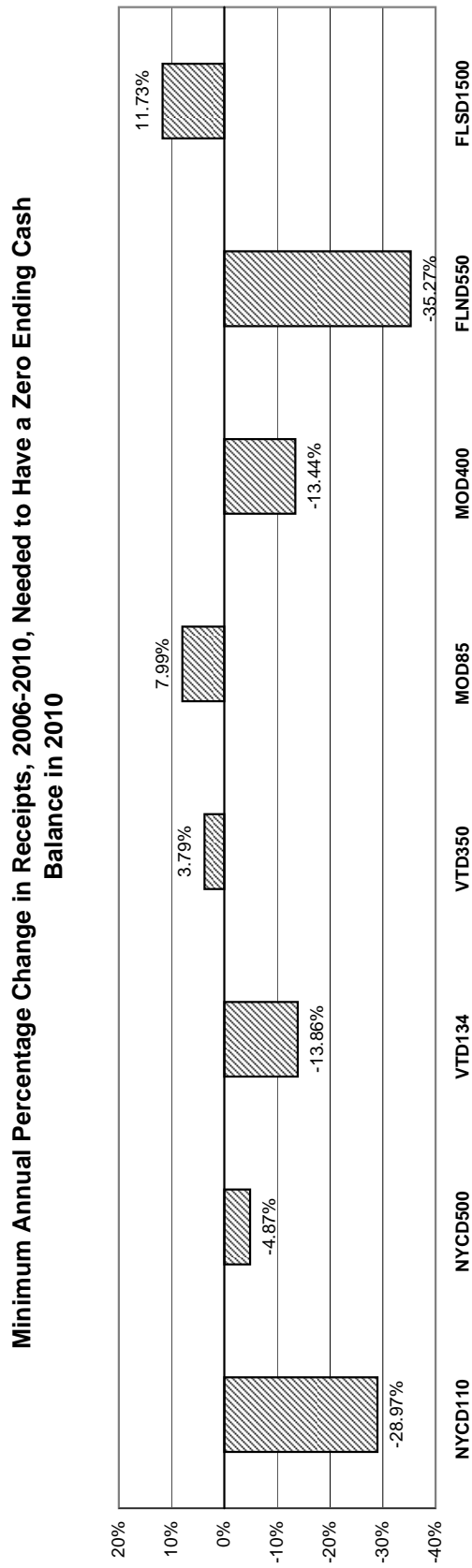


Figure 30. Dairy Farms



Economic and Financial Position Over the Period, 2006-2010, for all Dairy Farms

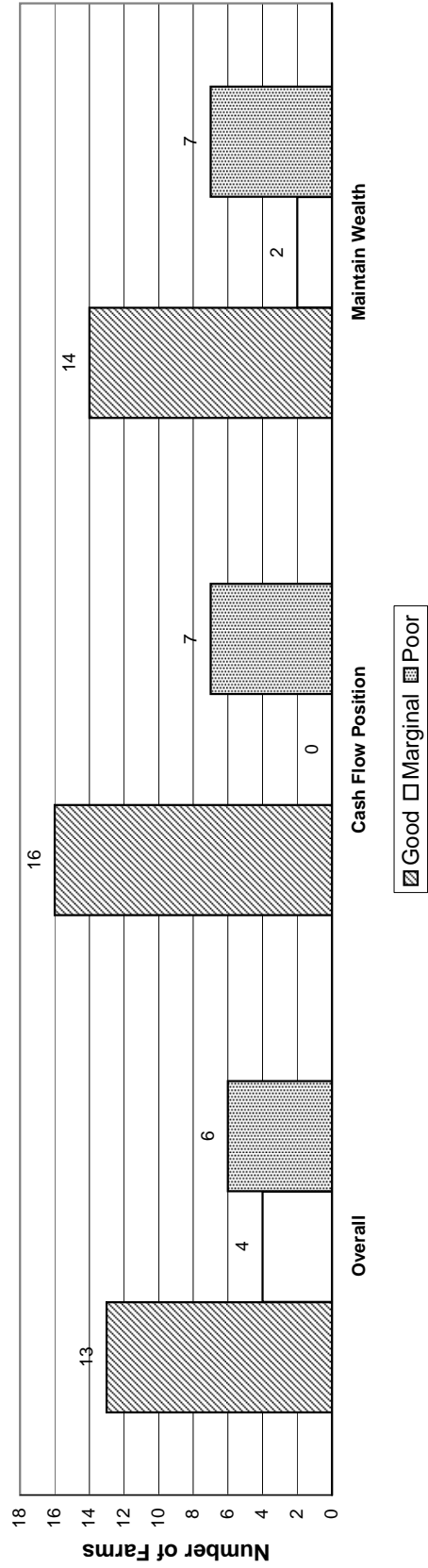
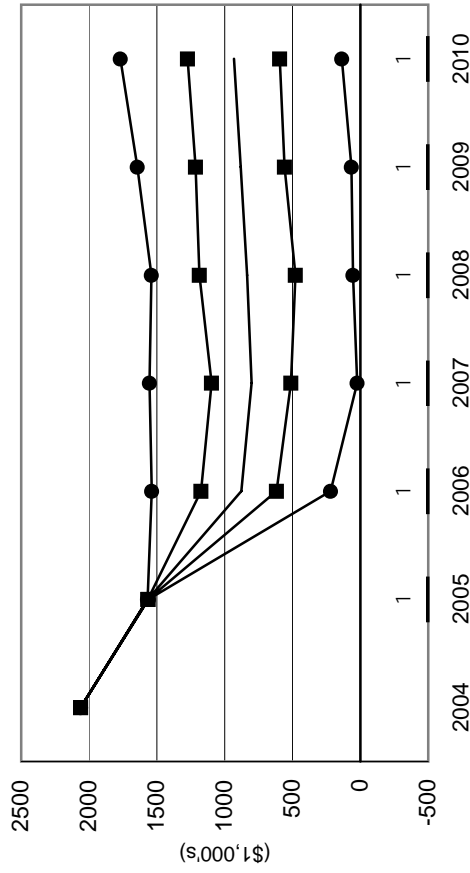


Figure 31. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Dairy Farms

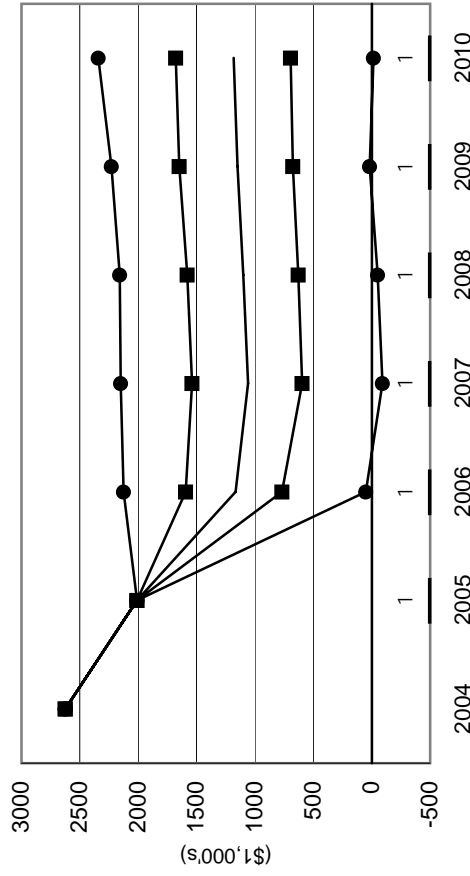
— Average NCFI ■ 25 & 75 Percentile NCFI ● Prob. of Cash Flow Deficit

— 5 & 95 Percentile NCFI ▨ Prob. of Cash Flow Deficit

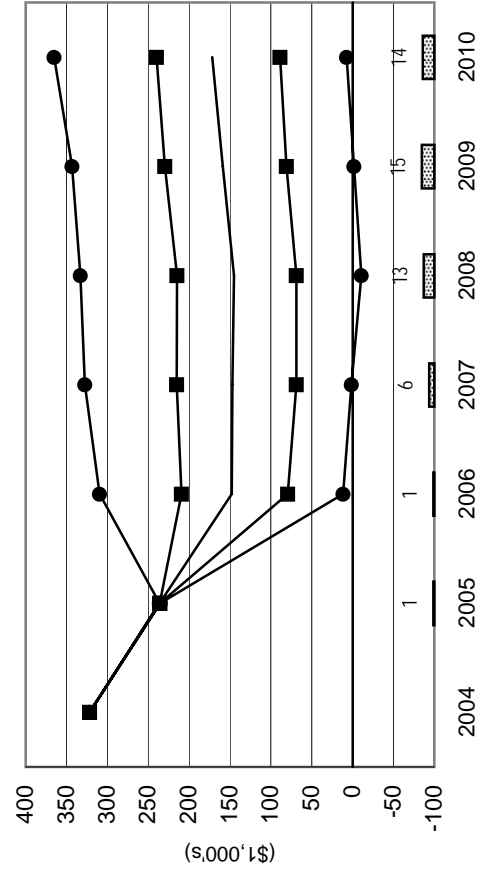
CAD1710 California Dairy Farm



NMD2125 New Mexico Dairy Farm



WAD250 Wahington Dairy Farm



WAD850 Large Wahington Dairy Farm

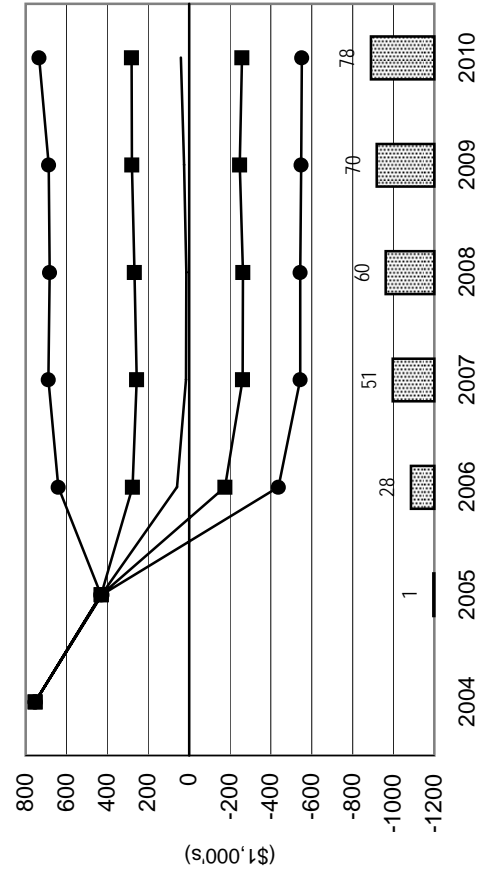


Figure 32. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Dairy Farms

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

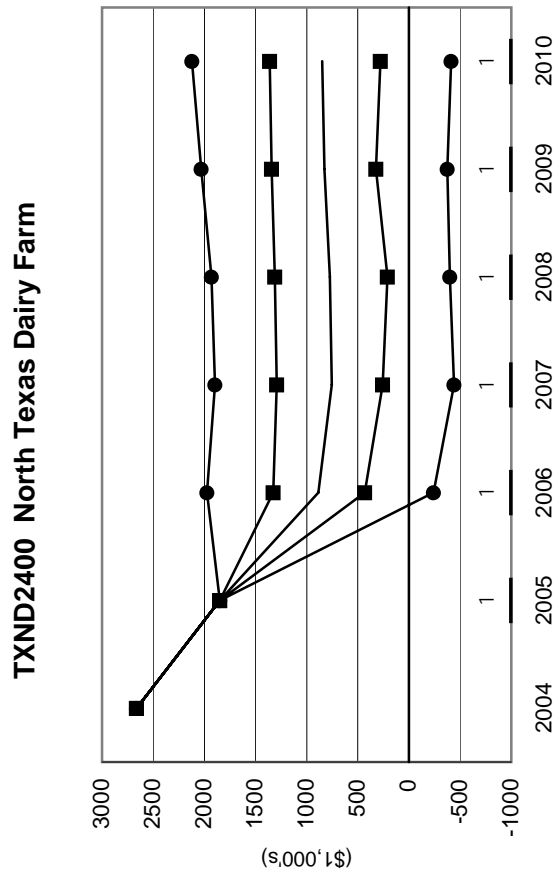
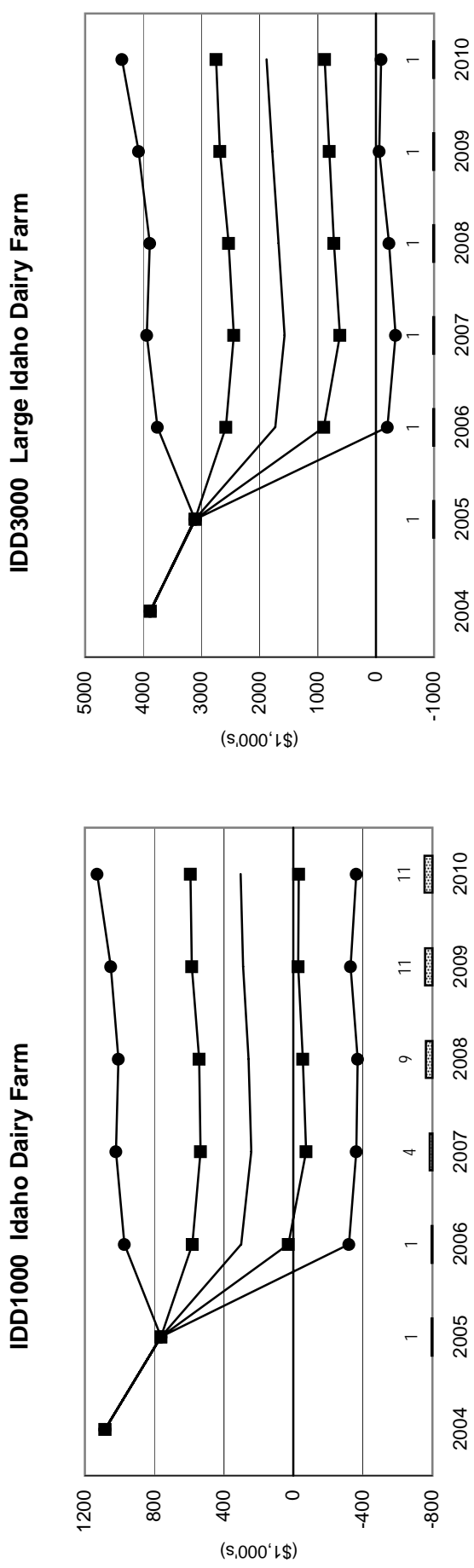
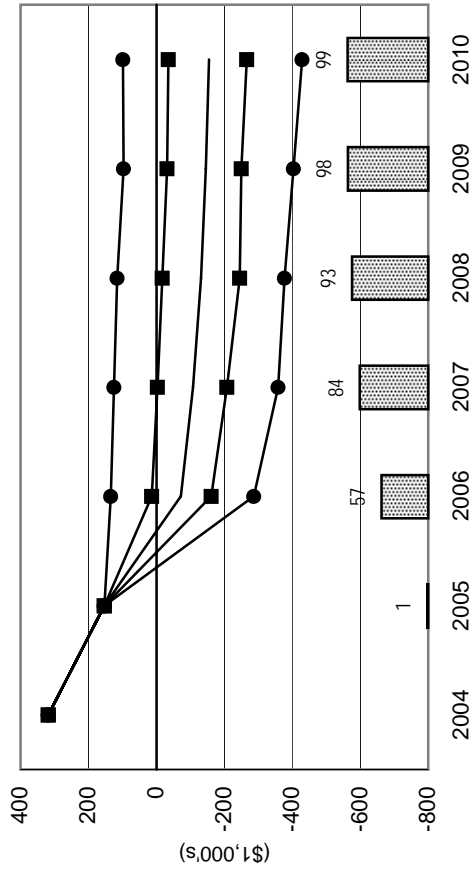


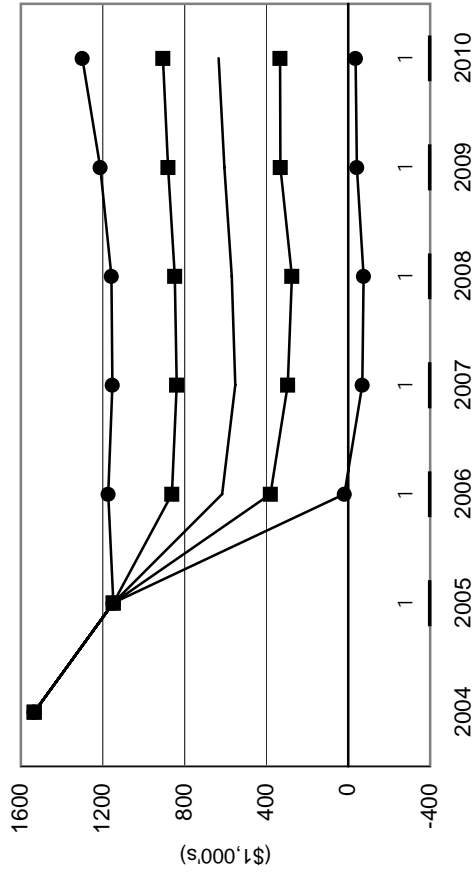
Figure 33. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Dairy Farms

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

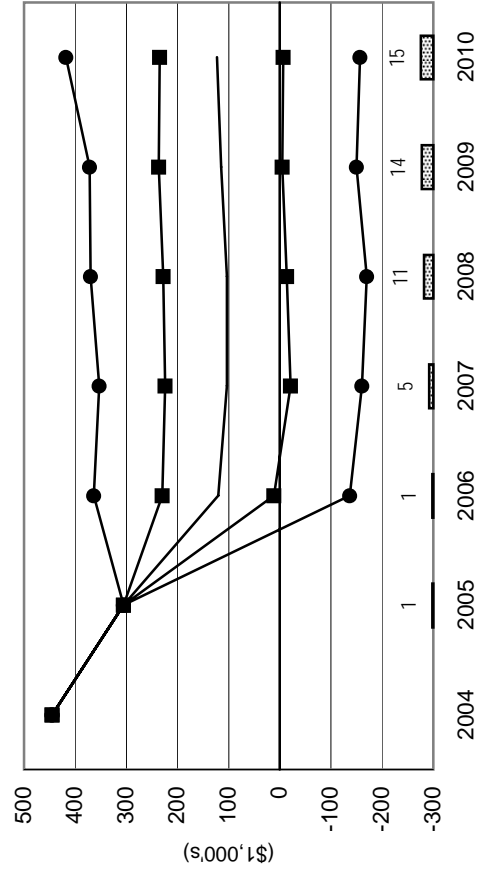
TXCD550 Central Texas Dairy Farm



TXCD1300 Large Central Texas Dairy Farm



TXED550 East Texas Dairy Farm



TXED1000 Large East Texas Dairy Farm

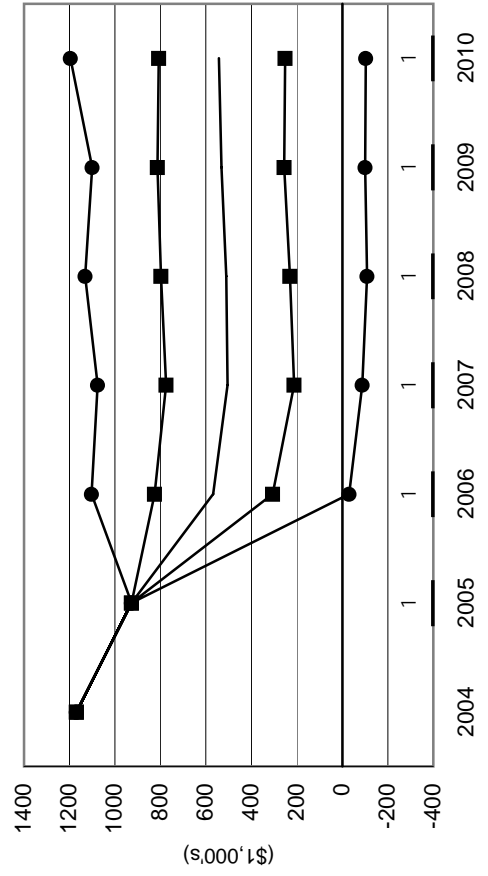
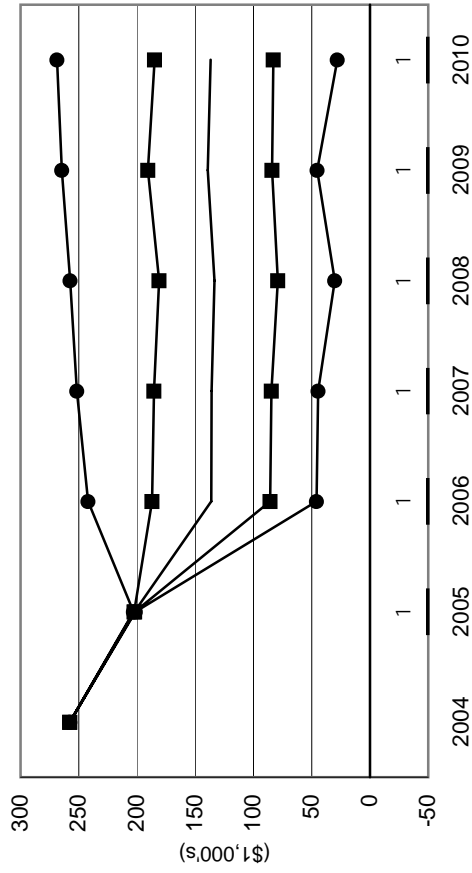


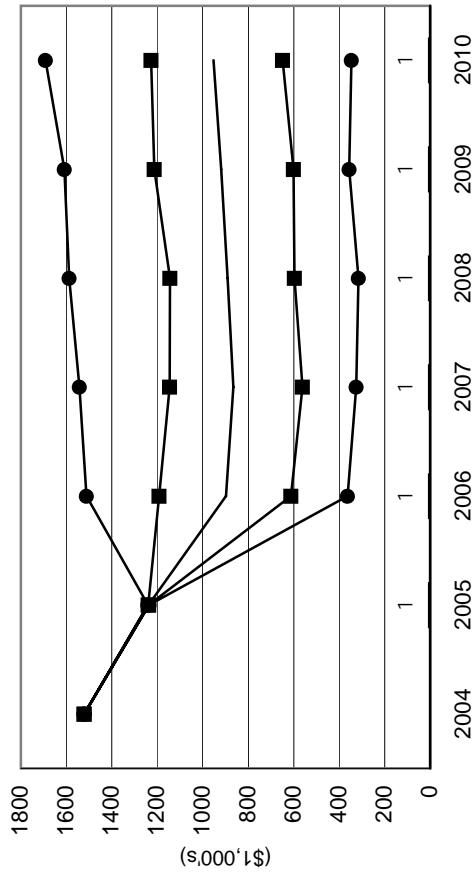
Figure 34. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Dairy Farms

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

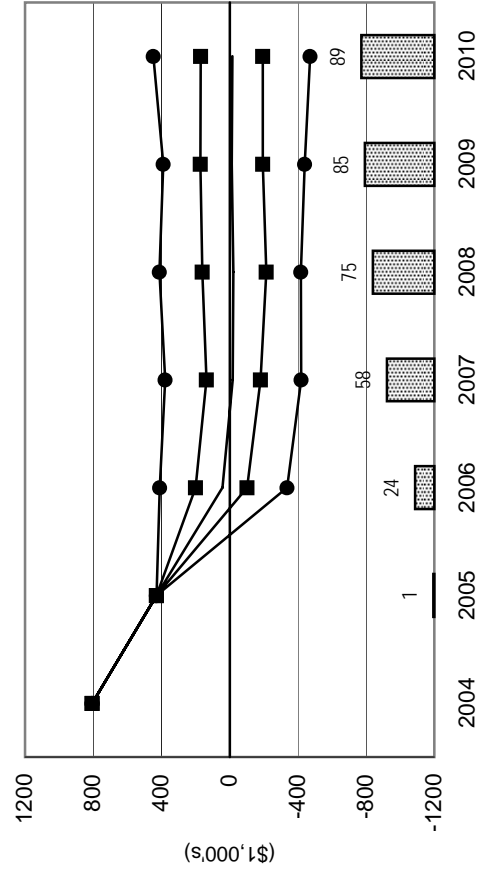
WID145 Wisconsin Dairy Farm



WID775 Large Wisconsin Dairy Farm



NYWD800 Western New York Dairy Farm



NYWD1200 Large Western New York Dairy Farm

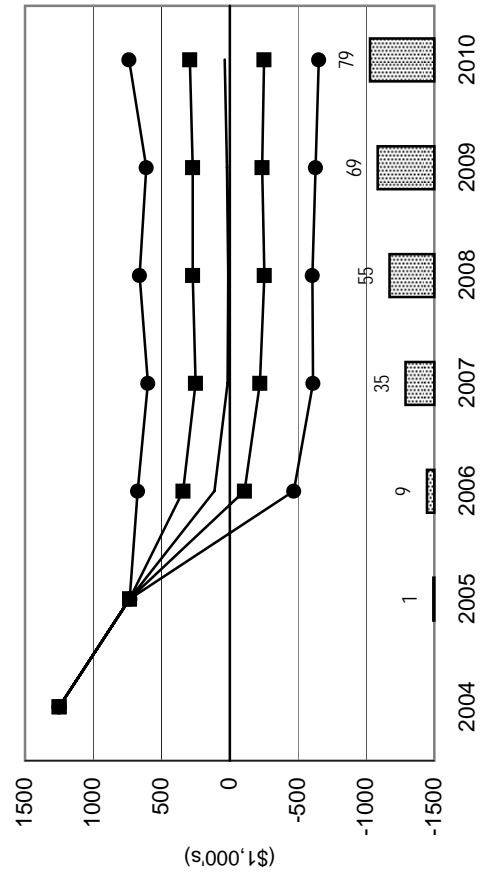
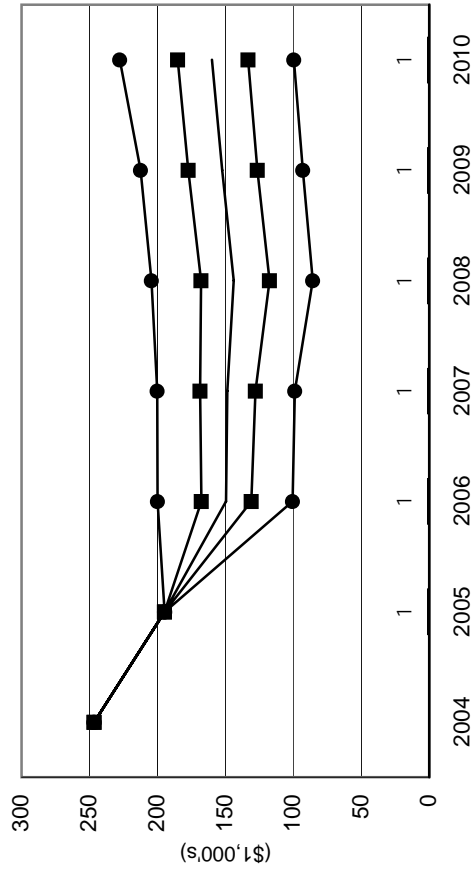


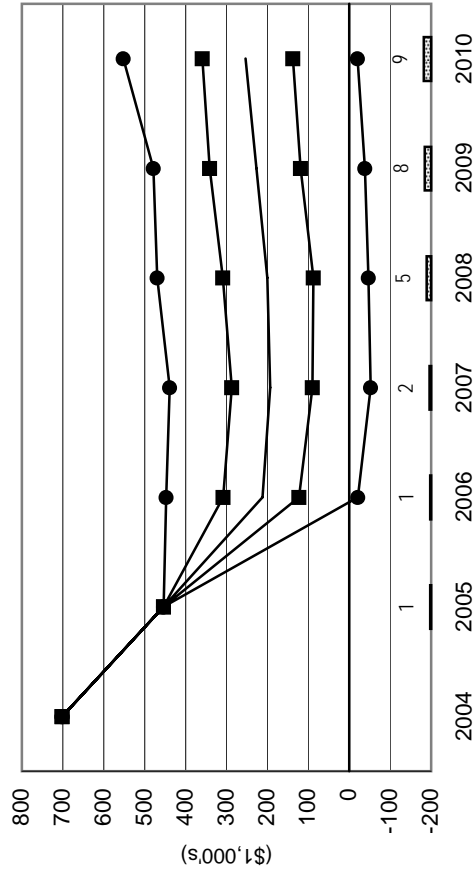
Figure 35. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Dairy Farms

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

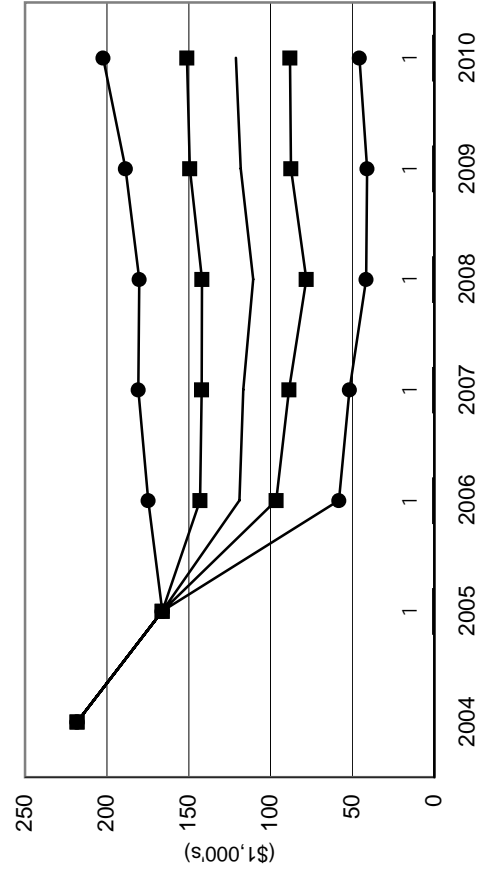
NYCD110 Central New York Dairy Farm



NYCD500 Large Central New York Dairy Farm



VTD134 Vermont Dairy Farm



VTD350 Large Vermont Dairy Farm

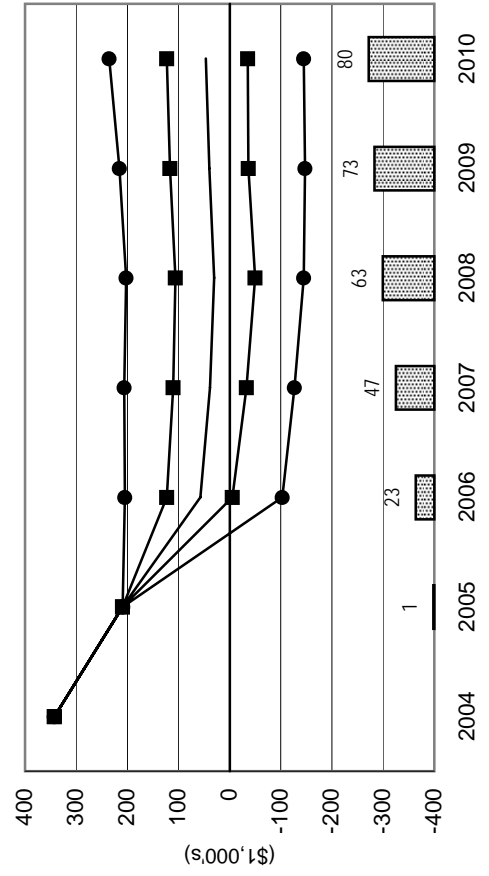
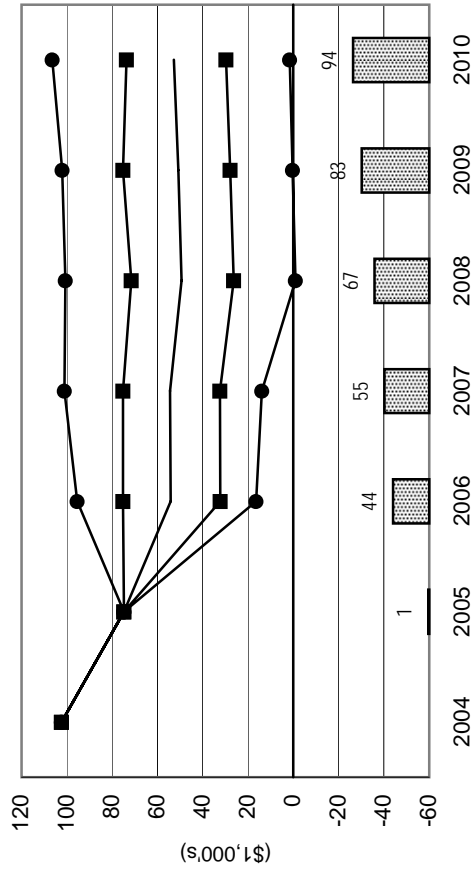


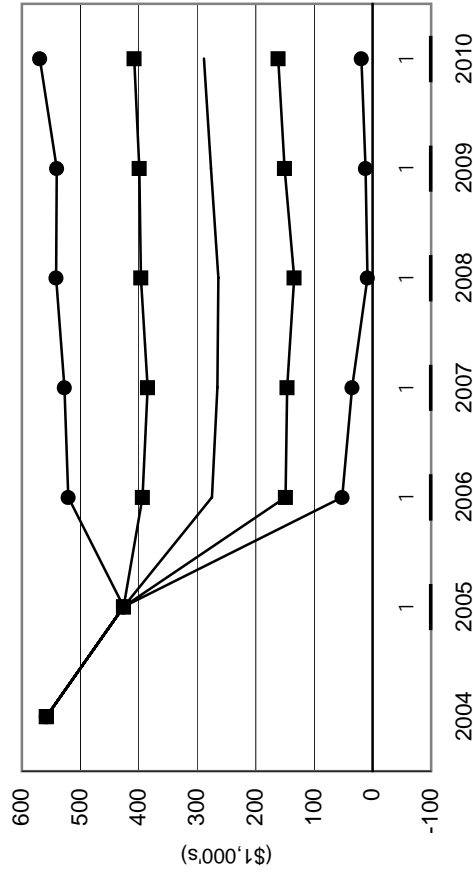
Figure 36. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Dairy Farms

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

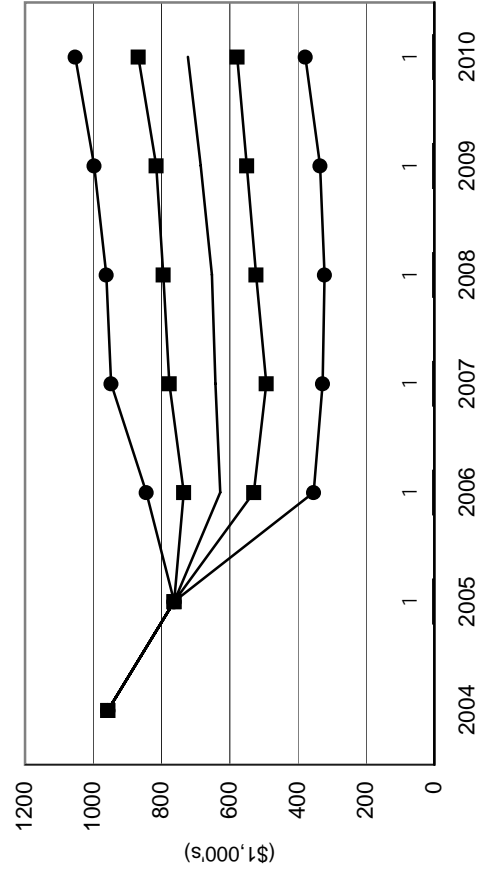
MOD85 Missouri Dairy Farm



MOD400 Large Missouri Dairy Farm



FLND550 Northern Florida Dairy Farm



FLSD1500 Southern Florida Dairy Farm

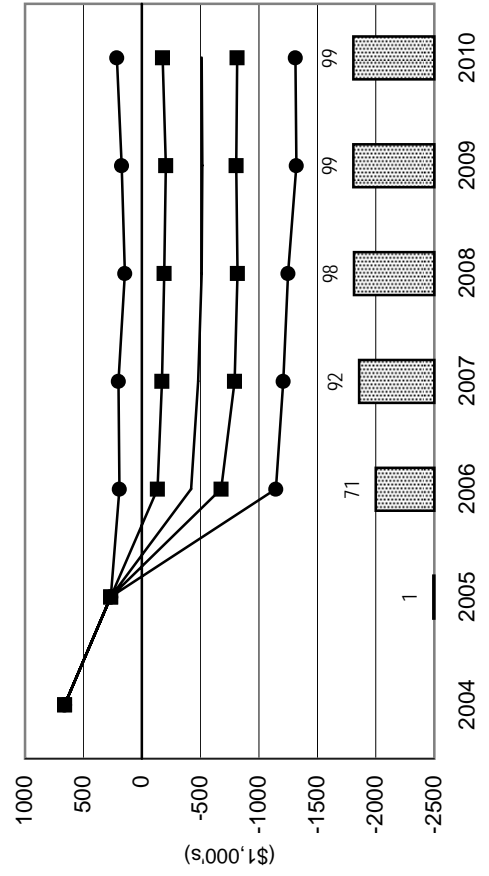


Figure 37. Representative Ranches Producing Beef Cattle

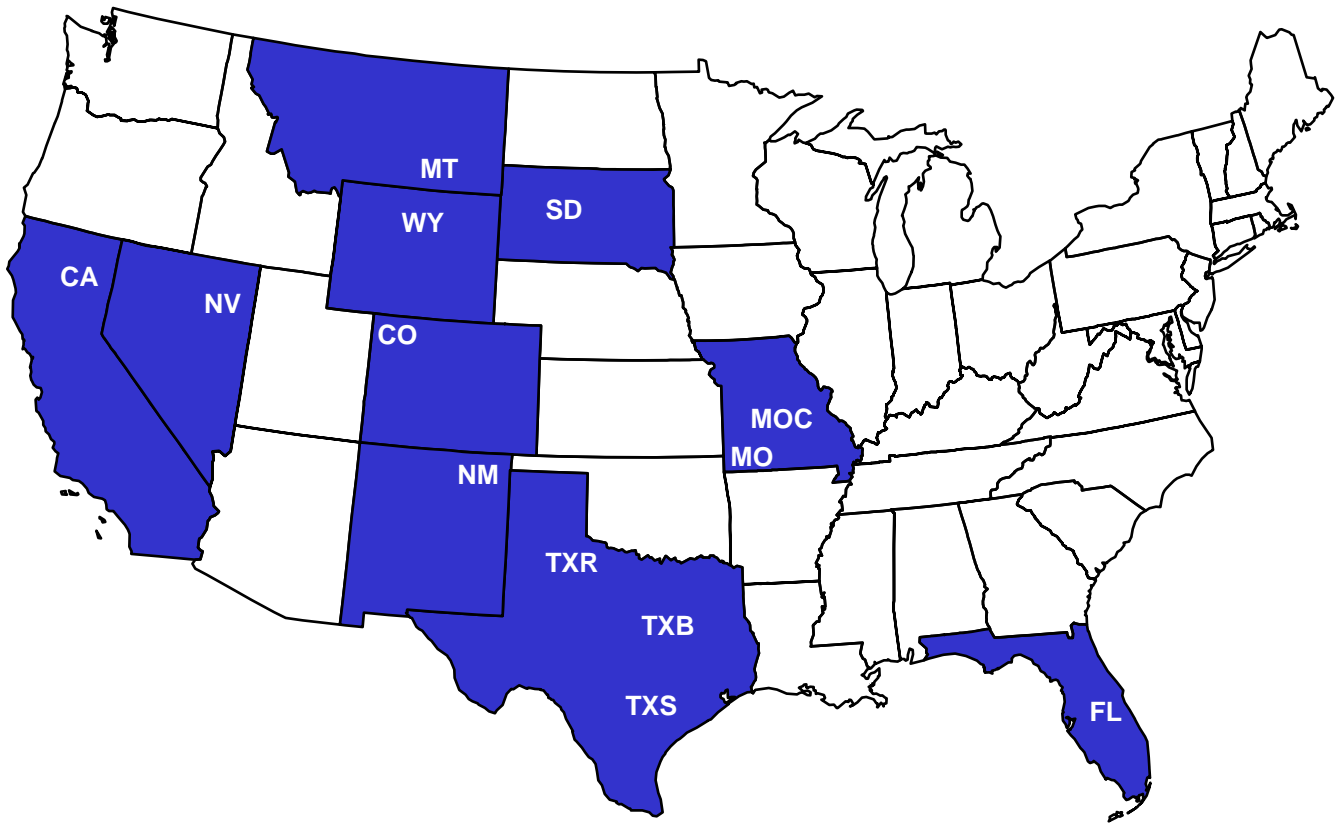


Table 15. Implications of the January 2006 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Beef Cattle.

	CAB500	NVB700	MTB500	WYB500	COB250	NMB240
Overall Financial Position						
2006-2010 Ranking	Poor	Marginal	Good	Poor	Good	Poor
Change Real Net Worth (%)						
2006-2010 Average	0.35	-0.51	1.27	-1.48	0.98	0.40
NIA to Maintain Real Net Worth (%/Rec.)	-61.83	-3.32	-35.42	7.26	-171.22	-25.89
NIA for Zero Ending Cash Balance (%/Rec.)	18.49	-5.32	-37.90	19.06	-26.15	1.66
Govt Payments/Receipts (%)						
2006-2010 Average	0.00	0.00	0.00	0.00	0.00	0.00
Cost to Receipts Ratio (%)						
2006-2010 Average	110.31	89.99	62.79	104.75	69.30	93.16
Total Cash Receipts (\$1000)						
2004	311.20	371.70	324.66	295.33	191.81	327.43
2005	317.08	381.75	333.42	304.59	198.81	299.18
2006	301.57	361.26	315.97	287.67	191.83	287.11
2007	287.60	336.93	296.24	269.61	182.74	275.78
2008	275.61	320.45	281.96	257.44	177.62	267.17
2009	265.67	307.09	269.89	245.45	173.01	258.52
2010	253.81	291.39	256.54	234.01	167.68	249.98
2006-2010 Average	276.85	323.43	284.12	258.84	178.58	267.71
Government Payments (\$1000)						
2004	10.41	14.69	11.42	10.33	5.22	5.40
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
2006-2010 Average	0.00	0.00	0.00	0.00	0.00	0.00
Net Cash Farm Income (\$1000)						
2004	57.38	121.73	157.95	68.18	85.39	87.68
2005	33.34	109.87	157.35	54.17	81.36	41.40
2006	6.51	76.34	136.30	28.86	71.87	30.47
2007	-10.91	51.59	117.21	5.91	58.97	26.89
2008	-23.36	36.19	108.01	-4.93	56.21	17.37
2009	-39.29	20.98	95.22	-19.02	49.95	14.32
2010	-48.92	13.03	90.61	-38.68	47.30	9.79
2006-2010 Average	-23.19	39.62	109.47	-5.57	56.86	19.77
Ending Cash Reserves (\$1000)						
2004	19.94	70.66	102.77	42.21	149.79	47.15
2005	13.89	111.61	187.34	52.65	190.03	54.06
2006	-13.54	131.46	259.29	31.71	220.60	54.75
2007	-55.21	136.89	314.89	-4.76	233.88	53.47
2008	-109.87	124.52	363.65	-60.72	238.29	33.88
2009	-180.71	102.60	405.81	-125.27	237.20	12.79
2010	-259.89	80.44	442.01	-239.15	212.43	-21.80
Nominal Net Worth (\$1000)						
2004	9,645.14	2,383.37	2,730.12	2,610.73	10,795.97	3,803.89
2005	10,679.42	2,702.17	3,056.46	2,846.30	11,982.74	4,191.68
2006	11,391.99	2,812.85	3,249.83	2,951.37	12,882.06	4,456.67
2007	11,511.92	2,801.27	3,306.28	2,922.23	13,115.33	4,510.05
2008	11,433.82	2,763.03	3,331.82	2,853.19	13,121.86	4,481.15
2009	11,460.72	2,738.14	3,382.79	2,799.69	13,255.87	4,495.08
2010	11,504.52	2,715.49	3,427.93	2,712.10	13,412.55	4,511.80
Prob. of Negative Ending Cash (%)						
2006	68	1	1	14	1	1
2007	93	2	1	51	1	1
2008	99	4	1	86	1	7
2009	99	10	1	99	1	28
2010	99	19	1	99	1	73
Prob. of Decreasing Real Net Worth Over 2004-2010 (%)	1	1	1	1	1	1

Table 16. Implications of the January 2006 FAPRI Baseline on the Economic Viability of Representative Farms Primarily Producing Beef Cattle.

	SDB450	MOB240	MOCB400	TXRB500	TXBB150	TXSB250	FLB1155
Overall Financial Position							
2006-2010 Ranking	Marginal	Good	Good	Good	Poor	Good	Poor
Change Real Net Worth (%)							
2006-2010 Average	0.42	2.01	0.80	0.79	-6.28	1.04	0.37
NIA to Maintain Real Net Worth (%/Rec.)	-22.69	-45.23	-33.76	-37.05	5.67	-44.32	-42.20
NIA for Zero Ending Cash Balance (%/Rec.)	-16.44	-43.78	-28.62	-22.39	3.50	-33.25	1.51
Govt Payments/Receipts (%)							
2006-2010 Average	0.07	3.61	0.00	0.00	0.18	0.00	0.00
Cost to Receipts Ratio (%)							
2006-2010 Average	78.85	48.46	72.43	68.10	101.93	62.52	99.49
Total Cash Receipts (\$1000)							
2004	280.76	211.62	275.98	342.80	1,478.42	181.88	609.00
2005	290.36	226.78	288.75	342.51	1,586.90	192.38	648.14
2006	284.00	217.95	273.16	330.56	1,502.18	183.46	615.95
2007	266.63	210.14	254.08	321.82	1,395.33	172.73	577.20
2008	257.77	203.86	242.04	312.60	1,330.47	165.80	552.61
2009	247.64	199.97	230.66	303.32	1,267.06	159.50	529.84
2010	238.76	193.38	218.32	294.65	1,198.17	152.64	504.85
2006-2010 Average	258.96	205.06	243.65	312.59	1,338.64	166.83	556.09
Government Payments (\$1000)							
2004	7.54	8.82	7.29	10.52	3.32	0.00	0.00
2005	0.04	9.75	0.00	0.00	4.04	0.00	0.00
2006	0.28	9.15	0.00	0.00	3.51	0.00	0.00
2007	0.24	8.02	0.00	0.00	2.83	0.00	0.00
2008	0.19	7.08	0.00	0.00	2.31	0.00	0.00
2009	0.14	6.47	0.00	0.00	2.02	0.00	0.00
2010	0.10	6.00	0.00	0.00	1.69	0.00	0.00
2006-2010 Average	0.19	7.34	0.00	0.00	2.47	0.00	0.00
Net Cash Farm Income (\$1000)							
2004	107.40	126.21	125.55	145.89	91.98	83.98	143.17
2005	104.54	135.10	128.63	128.72	80.27	85.93	128.56
2006	81.32	122.74	102.61	113.98	21.41	76.47	63.00
2007	68.49	112.36	84.90	108.46	1.00	71.45	32.94
2008	58.03	107.81	72.22	102.20	-13.28	63.28	11.08
2009	50.87	101.61	59.20	94.77	-32.62	58.14	-9.01
2010	44.58	92.51	47.49	88.30	-48.27	52.10	-28.25
2006-2010 Average	60.66	107.41	73.28	101.54	-14.35	64.29	13.95
Ending Cash Reserves (\$1000)							
2004	70.98	65.55	71.80	55.85	53.66	46.14	87.88
2005	117.47	141.24	139.12	114.85	80.28	93.43	144.73
2006	145.97	209.75	188.68	156.66	55.21	134.37	151.17
2007	169.04	266.31	232.59	198.52	18.52	168.30	136.66
2008	183.55	320.25	263.86	233.70	-32.10	196.10	95.56
2009	193.71	365.64	284.00	262.33	-112.36	220.47	40.22
2010	190.45	375.66	290.23	284.90	-214.18	215.59	-31.68
Nominal Net Worth (\$1000)							
2004	2,905.19	1,880.11	2,725.95	3,834.83	924.39	2,199.36	10,902.71
2005	3,207.61	2,124.01	3,065.49	4,271.84	1,015.66	2,425.62	12,107.45
2006	3,377.08	2,290.29	3,271.51	4,530.46	993.57	2,577.62	12,890.74
2007	3,405.15	2,359.03	3,324.08	4,586.57	932.10	2,624.31	13,026.33
2008	3,391.95	2,400.27	3,329.12	4,590.74	862.57	2,636.62	12,948.01
2009	3,406.79	2,456.65	3,354.37	4,632.77	779.23	2,668.48	12,988.07
2010	3,421.26	2,501.28	3,376.13	4,673.48	674.90	2,691.77	13,034.29
Prob. of Negative Ending Cash (%)							
2006	1	1	1	1	16	1	1
2007	1	1	1	1	39	1	5
2008	1	1	1	1	60	1	16
2009	1	1	1	1	76	1	37
2010	2	1	1	1	90	1	56
Prob. of Decreasing Real Net Worth Over 2004-2010 (%)	1	1	1	1	15	1	1

Figure 38. Beef Cattle Ranches

Economic and Financial Position Over the Period, 2006-2010, for all Cattle Ranches

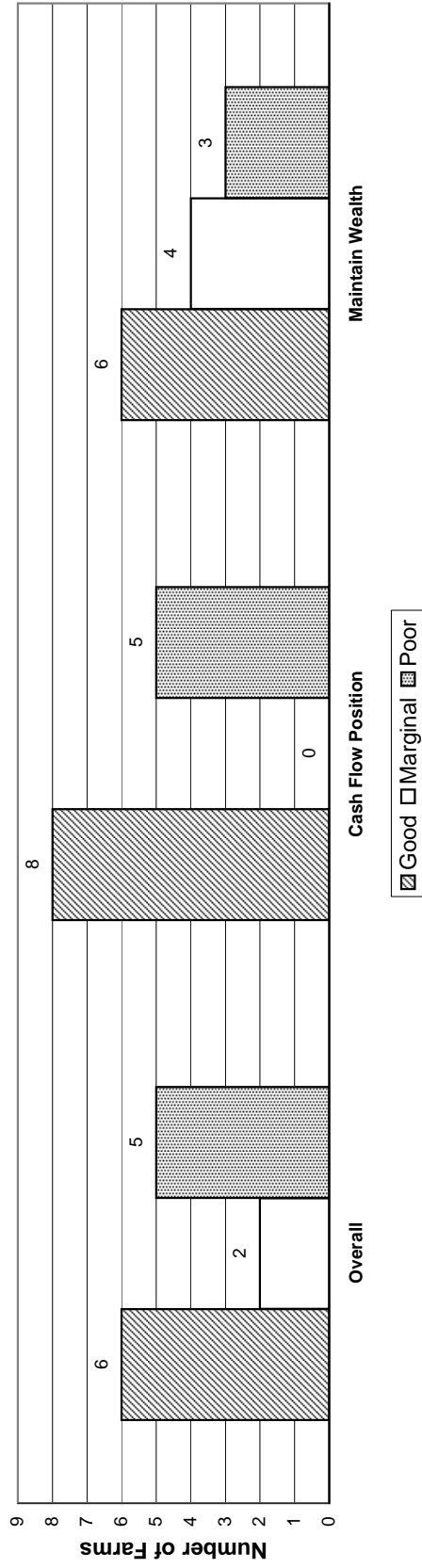
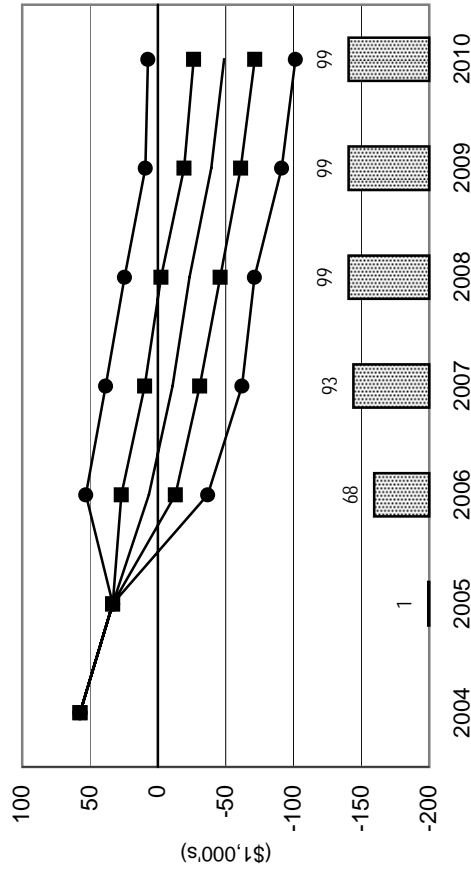


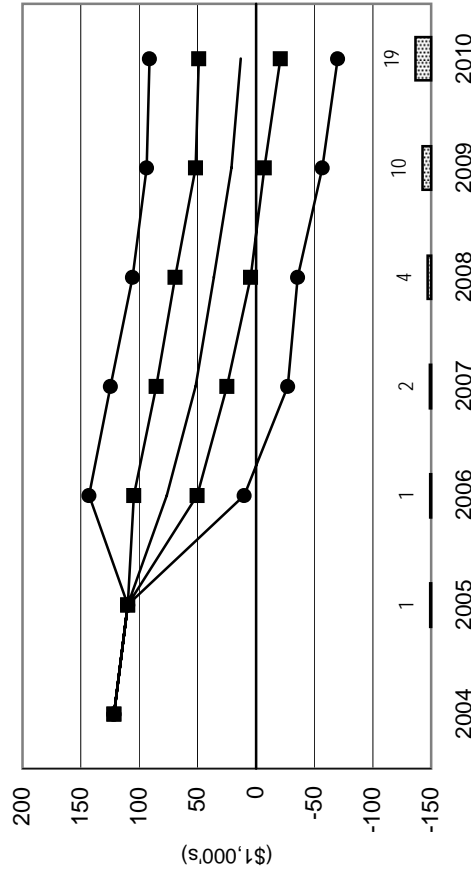
Figure 39. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Beef Cattle Ranches

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

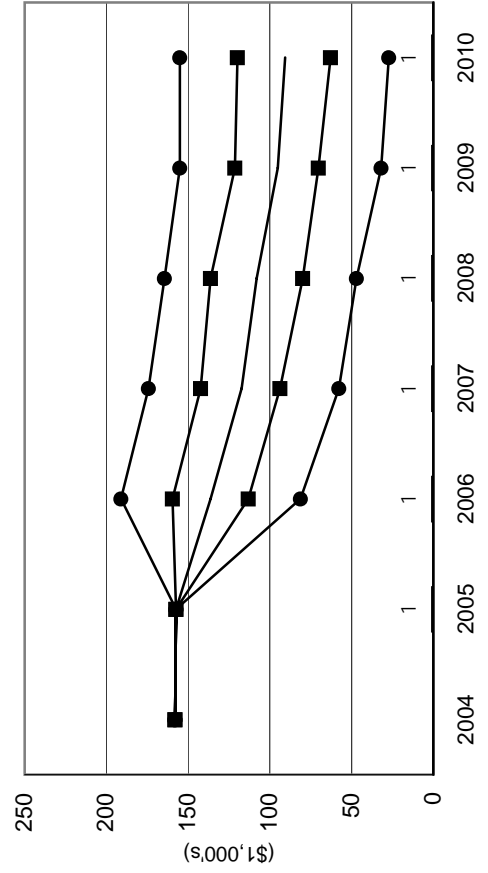
CAB500 California Cattle Ranch



NVB700 Nevada Cattle Ranch



MTB500 Montana Cattle Ranch



WYB500 Wyoming Cattle Ranch

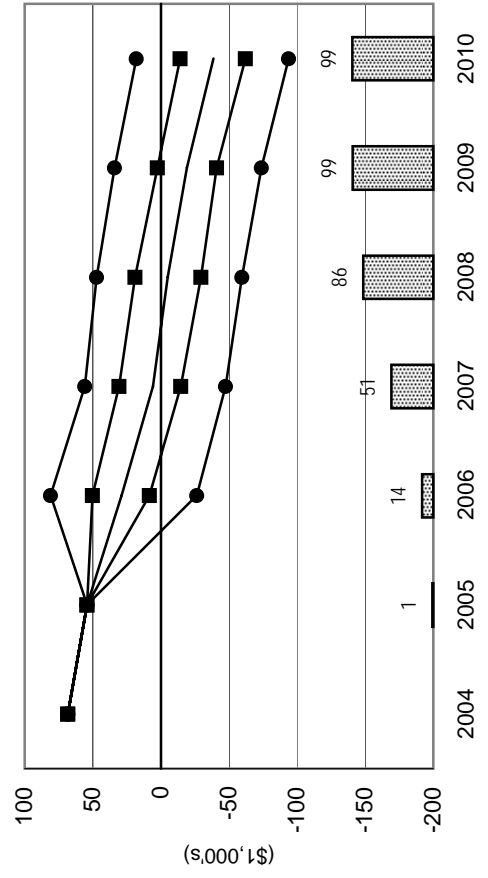
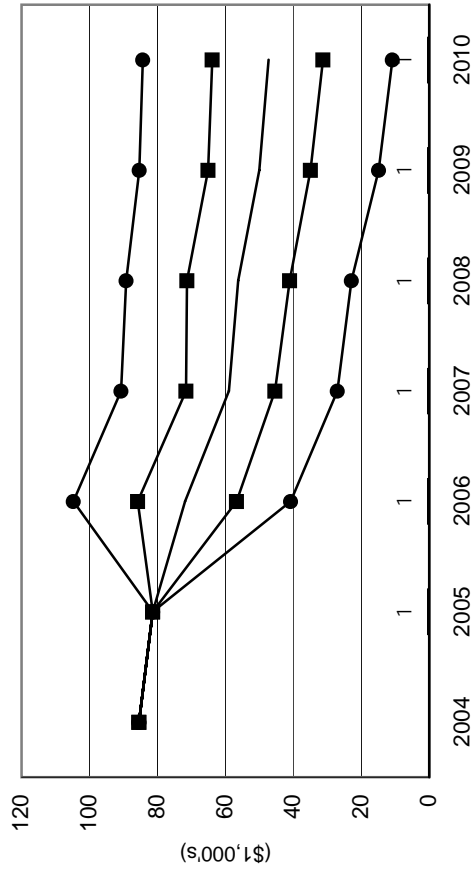


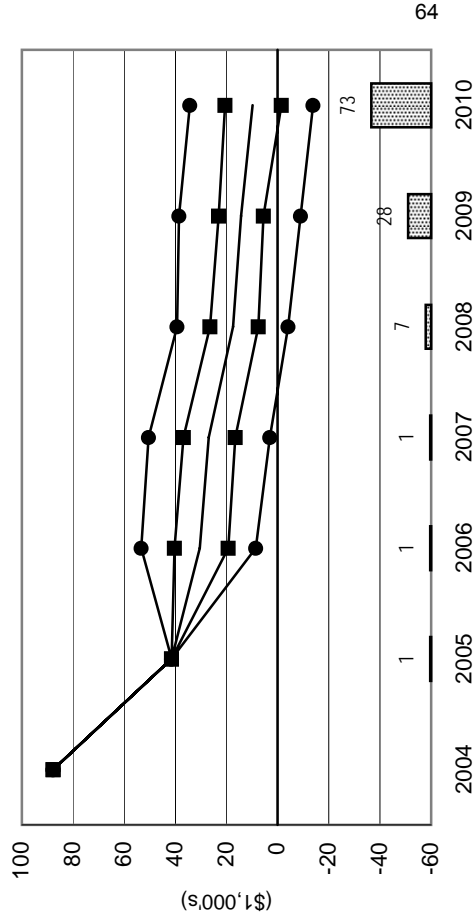
Figure 40. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Beef Cattle Ranches

— 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

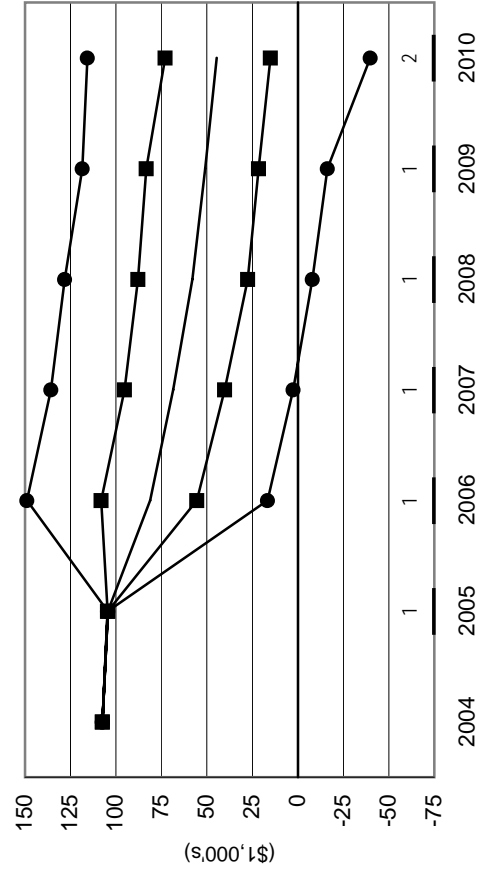
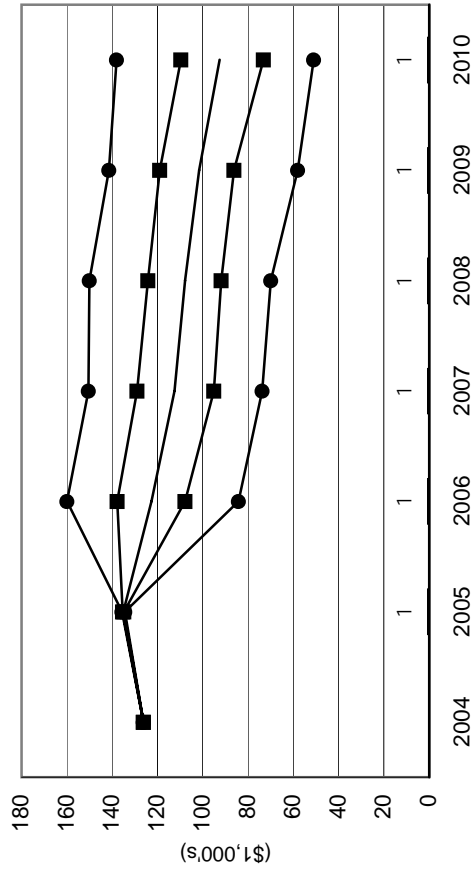


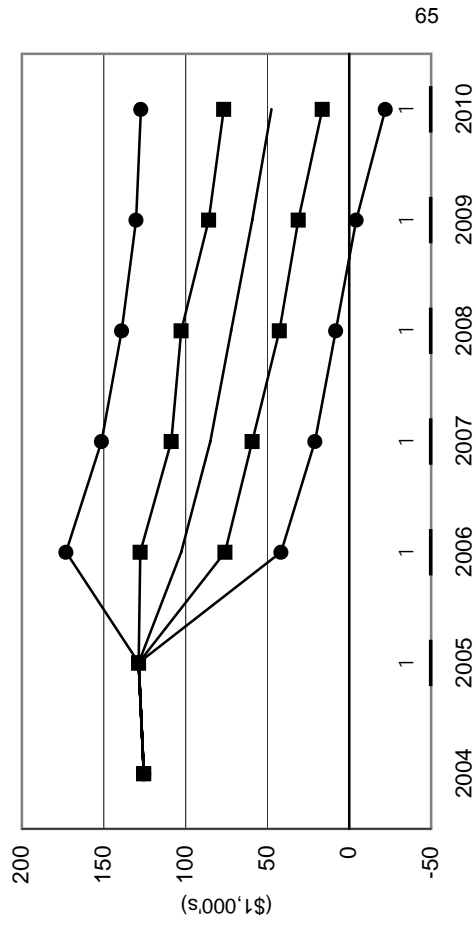
Figure 41. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Beef Cattle Ranches

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

MOB240 Southwest Missouri Cattle Ranch



MOCB400 Central Missouri Cattle Ranch



FLB1155 Florida Cattle Ranch

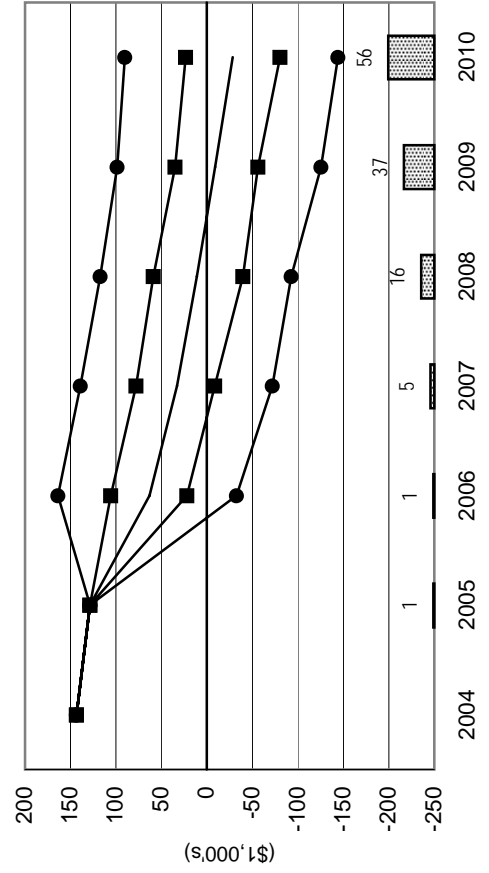
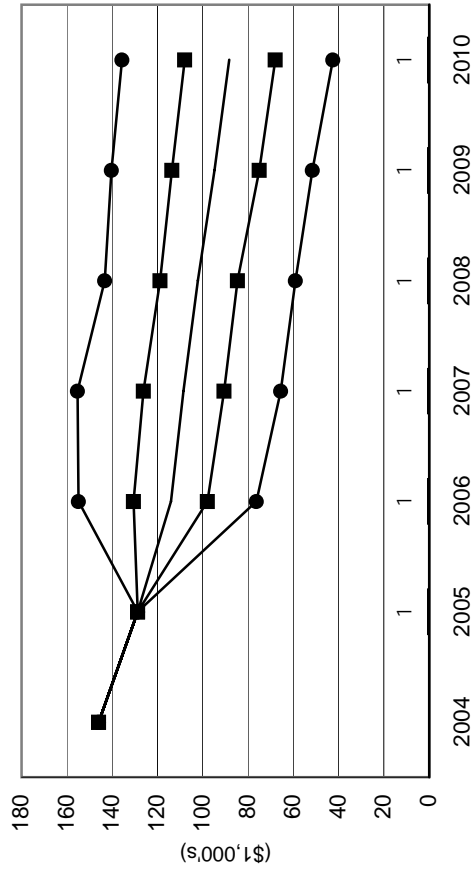


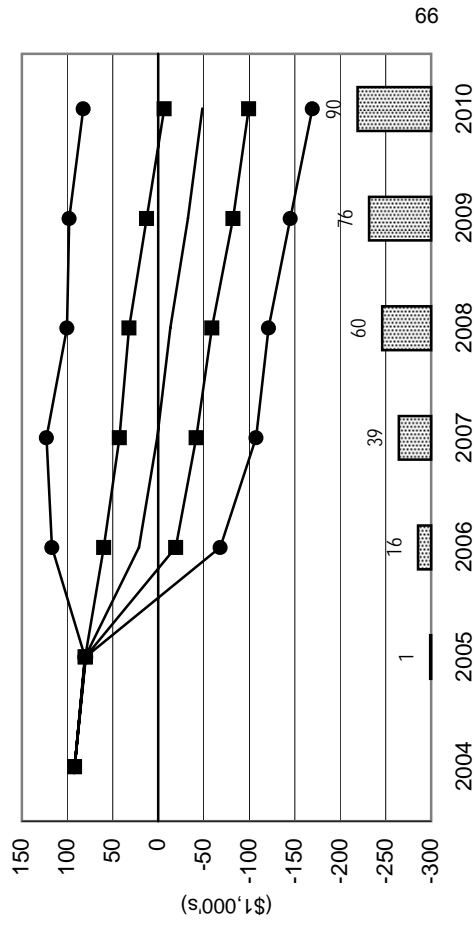
Figure 42. Net Cash Farm Income and Probabilities of a Cash Flow Deficit: Beef Cattle Ranches

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

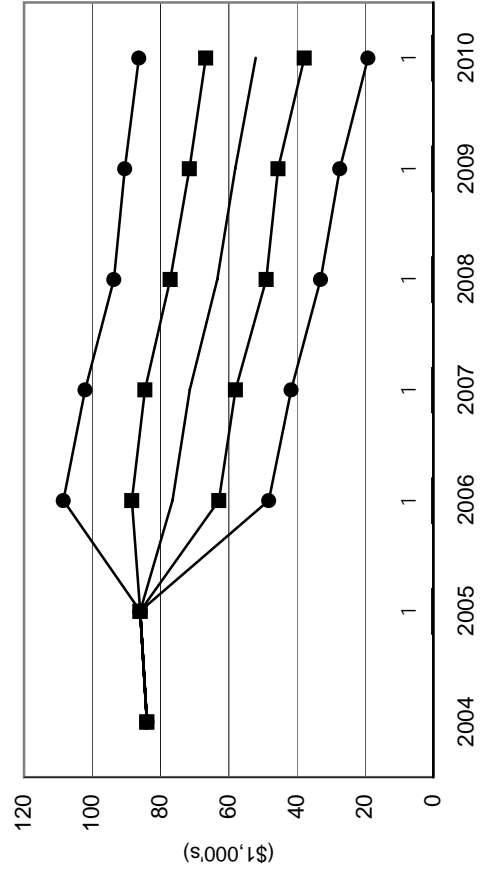
TXRB500 Rolling Plains Texas Cattle Ranch



TXBB150 Central Texas Cattle Ranch



TXSB250 South Texas Cattle Ranch



APPENDIX A:
CHARACTERISTICS OF
REPRESENTATIVE FARMS

2005 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 675 acres of corn and 675 acres of soybeans annually. Sixty-two percent of this farm's 2005 receipts come from corn production.
- IAG2750** This 2,750-acre large-sized grain farm is located in northwestern Iowa (Webster County). It plants 1,375 acres of corn and 1,375 acres of soybeans each year, realizing 61 percent of receipts from corn production.
- IAG4200** A 4,200-acre large-sized grain farm located in northwestern Iowa (Webster County). Annually, 2,100 acres are planted to corn and 2,100 acres are planted to soybeans (of which one half are grown for seed under a production contract). In 2005, 62 percent of the farm's receipts were realized from corn production.
- NEG1960** South central Nebraska (Dawson County) is home to this 1,960-acre grain farm. This farm plants eighty-four percent of cultivated acres to corn and 9 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. Ninety 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 2005, 71 percent of total receipts were generated from corn production.
- MOCG2025** MOCG2025 is a 2,025-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 63 percent of its total revenue from corn and 37 percent from soybeans during 2005.
- 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 65 percent of farm receipts and soybeans accounted for 33 percent in 2005.
- 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 2005, 48 percent of the farm's total receipts were from corn, 29 percent from soybeans, and 23 percent from cattle sales.
- 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. Fifty-nine percent of 2005 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 2005, 60 percent of gross receipts were generated by corn sales.

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

	IAG1350	IAG2750	IAG4200	NEG1960	NEG4300	MOCG2050	MOCG3630	MONG1850	ING1000	ING2200
County	Webster	Webster	Webster	Dawson	Dawson	Carroll	Carroll	Nodaway	Shelby	Shelby
Total Cropland	1,350.00	2,750.00	4,200.00	1,960.00	4,300.00	2,050.00	3,630.00	1,850.00	1,000.00	2,200.00
Acres Owned	240.00	380.00	840.00	490.00	1,500.00	1,150.00	1,600.00	950.00	250.00	880.00
Acres Leased	1,110.00	2,370.00	3,360.00	1,470.00	2,800.00	900.00	2,030.00	900.00	750.00	1,320.00
Pastureland										
Acres Owned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600.00	0.00	0.00
Acres Leased	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400.00	0.00	0.00
Assets (\$1000)										
Total	1,228.00	2,187.00	4,671.00	2,206.00	5,503.00	4,293.00	5,858.00	4,077.00	1,877.00	5,082.00
Real Estate	923.00	1,273.00	3,339.00	1,443.00	4,010.00	3,294.00	4,152.00	3,236.00	1,243.00	4,257.00
Machinery	305.00	864.00	1,333.00	593.00	1,483.00	597.00	955.00	444.00	346.00	592.00
Other & Livestock	0.00	51.00	0.00	169.00	11.00	402.00	751.00	397.00	287.00	233.00
Debt/Asset Ratios										
Total	0.23	0.19	0.24	0.14	0.19	0.16	0.15	0.15	0.26	0.19
Intermediate	0.28	0.24	0.40	0.12	0.26	0.29	0.26	0.15	0.40	0.13
Long Run	0.17	0.17	0.17	0.17	0.16	0.14	0.14	0.15	0.12	0.14
Number of Livestock										
Beef Cows	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	0.00	0.00
2005 Gross Receipts (\$1,000)*										
Total	430.20	740.40	1,446.10	1,033.60	1,883.50	600.20	992.70	652.20	293.40	690.00
Cattle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.10	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00
Corn	264.50	447.70	889.80	925.80	1,332.80	379.90	649.30	310.60	173.60	413.10
	0.62	0.61	0.62	0.90	0.71	0.63	0.65	0.48	0.59	0.60
Wheat	0.00	0.00	0.00	0.00	0.00	0.60	13.00	0.00	1.10	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
Soybeans	163.70	282.80	556.30	72.80	419.20	219.70	330.40	186.00	118.70	276.90
	0.38	0.38	0.39	0.07	0.22	0.37	0.33	0.29	0.41	0.40
Hay	0.00	0.00	0.00	35.00	131.50	0.00	0.00	5.50	0.00	0.00
	0.00	0.00	0.00	0.03	0.07	0.00	0.00	0.01	0.00	0.00
Other Receipts	2.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2005 Planted Acres**										
Total	1,350.00	2,750.00	4,200.00	1,960.00	4,300.00	2,050.00	3,630.00	2,800.00	1,000.00	2,200.00
Corn	675.00	1,375.00	2,100.00	1,646.00	2,666.00	1,025.00	1,880.00	900.00	500.00	1,100.00
	0.50	0.50	0.50	0.84	0.62	0.50	0.52	0.32	0.50	0.50
Wheat	0.00	0.00	0.00	0.00	0.00	0.00	100.00	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
Soybeans	675.00	1,375.00	2,100.00	177.00	1,118.00	1,025.00	1,650.00	900.00	500.00	1,100.00
	0.50	0.50	0.50	0.09	0.26	0.50	0.46	0.32	0.50	0.50
Hay	0.00	0.00	0.00	137.00	516.00	0.00	0.00	200.00	0.00	0.00
	0.00	0.00	0.00	0.07	0.12	0.00	0.00	0.07	0.00	0.00
Improved Pasture	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	0.00	0.29	0.00	0.00

*Receipts for 2005 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 2005 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.

2005 PANEL FARMS PRODUCING FEED GRAINS AND OILSEEDS (CONTINUED)

- 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 2005, 39 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 66 percent of 2005 receipts with cotton accounting for 21 percent of sales. Forty beef cows live on 300 acres of improved pasture and contribute approximately six 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 55 percent of 2005 receipts with cotton accounting for 33 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 2005, feedgrain sales accounted for 38 percent of farm receipts with cotton accounting for 61 percent of the total.
- 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-three percent of 2005 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 43 percent of its 2005 gross receipts from sales of corn and 41 percent from soybeans.
- SCG1500** SCG1500 is a moderate-sized, 1,500-acre grain farm in South Carolina (Clarendon County) consisting of 698 acres of dryland corn, 148 acres of irrigated corn, 654 acres of soybeans (454 acres double-cropped after wheat), and 454 acres of wheat. Forty-eight percent of the farm's receipts were realized from corn sales during 2005. This farm enjoys significant returns on double-cropped acreage, but timing does not allow for more than 454 acres.
- SCG3500** A 3,500-acre, large-sized South Carolina (Clarendon County) grain farm with 1,840 acres of corn, 900 acres of wheat, 1,260 acres of soybeans (900 double-cropped after wheat), and 400 acres of cotton. The farm generated 45 percent of 2005 receipts from corn sales and 19 percent from soybean sales, with an additional 23 percent coming from cotton sales. Timing precludes further expansion of relatively lucrative double-cropped acres.

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

	TXPG3760	TXHG2000	TXWG1400	TXUG1200	TNG900	TNG2750	SCG1500	SCG3500
County	Castro	Hill	Williamson	Uvalde	Henry	Henry	Clarendon	Clarendon
Total Cropland	3,760.00	2,000.00	1,400.00	1,201.00	900.00	2,750.00	1,500.00	3,500.00
Acres Owned	1,311.00	400.00	150.00	0.00	150.00	700.00	500.00	1,400.00
Acres Leased	2,449.00	1,600.00	1,250.00	1,200.00	750.00	2,050.00	1,000.00	2,100.00
Pastureland								
Acres Owned	0.00	60.00	30.00	0.00	0.00	0.00	0.00	1,400.00
Acres Leased	0.00	240.00	210.00	0.00	0.00	0.00	0.00	0.00
Assets (\$1000)								
Total	2,454.00	1,062.00	684.00	381.00	868.00	2,752.00	925.00	4,297.00
Real Estate	1,766.00	550.00	426.00	0.00	392.00	1,653.00	605.00	3,616.00
Machinery	688.00	477.00	211.00	381.00	445.00	890.00	319.00	593.00
Other & Livestock	0.00	35.00	47.00	0.00	31.00	208.00	0.00	88.00
Debt/Asset Ratios								
Total	0.32	0.26	0.20	0.49	0.15	0.19	0.22	0.16
Intermediate	0.20	0.20	0.11	0.27	0.11	0.30	0.09	0.20
Long Run	0.16	0.17	0.17	0.00	0.16	0.15	0.16	0.16
Number of Livestock								
Beef Cows	0.00	40.00	50.00	0.00	0.00	0.00	0.00	0.00
2005 Gross Receipts (\$1,000)*								
Total	2,240.90	412.80	301.40	643.10	248.80	791.60	517.70	1,357.50
Cattle	0.00	23.40	27.60	0.00	0.00	0.00	0.00	0.00
	0.00	0.06	0.09	0.00	0.00	0.00	0.00	0.00
Corn	877.20	173.60	133.50	190.10	156.30	336.80	247.80	609.80
	0.39	0.42	0.44	0.30	0.63	0.43	0.48	0.45
Sorghum	0.00	100.10	33.80	52.80	0.00	0.00	0.00	0.00
	0.00	0.24	0.11	0.08	0.00	0.00	0.00	0.00
Wheat	0.00	27.90	6.00	10.30	15.10	92.00	67.70	185.00
	0.00	0.07	0.02	0.02	0.06	0.12	0.13	0.14
Soybeans	0.00	0.00	0.00	0.00	75.00	322.80	124.10	254.50
	0.00	0.00	0.00	0.00	0.30	0.41	0.24	0.19
Cotton	1,142.80	87.80	100.60	389.90	0.00	0.00	78.00	308.20
	0.51	0.21	0.33	0.61	0.00	0.00	0.15	0.23
Other Receipts	53.00	0.00	0.00	0.00	2.50	40.00	0.00	0.00
	0.02	0.00	0.00	0.00	0.01	0.05	0.00	0.00
2005 Planted Acres**								
Total	3,196.00	2,300.00	1,400.00	1,200.00	1,000.00	3,300.00	1,954.00	4,400.00
Corn	1,344.00	1,000.00	900.00	450.00	500.00	1,100.00	846.00	1,840.00
	0.42	0.44	0.64	0.38	0.50	0.33	0.43	0.42
Sorghum	0.00	500.00	200.00	200.00	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	250.00	50.00	150.00	100.00	550.00	454.00	900.00
	0.00	0.11	0.04	0.13	0.10	0.17	0.23	0.21
Soybeans	0.00	0.00	0.00	0.00	400.00	1,650.00	654.00	1,260.00
	0.00	0.00	0.00	0.00	0.40	0.50	0.34	0.29
Cotton	1,472.00	250.00	250.00	400.00	0.00	0.00	0.00	400.00
	0.46	0.11	0.18	0.33	0.00	0.00	0.00	0.09
Improved Pasture	0.00	300.00	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 2005 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 2005 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.

2005 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 82 percent of 2005 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 75 percent of 2005 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 2005, wheat sales accounted for 93 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-one percent of this farm's 2005 total receipts came from wheat sales.
- MTW4500** North-central Montana (Chouteau County) is home to this 4,500 acre farm on which 2,475 acres of wheat (1,856 acres of winter wheat, 619 acres of spring wheat) are planted each year. In 2005, 97 percent of cash income came from wheat.
- NDW2180** NDW2180 is a 2,180-acre, moderate-sized, south central North Dakota (Barnes County) grain farm that plants 700 acres of wheat, 240 acres of corn, 100 acres of barley, 800 acres of soybeans, and 240 acres of sunflowers. The farm generated 35 percent of 2005 receipts from small grains sales (wheat and barley) and about 50 percent from oilseeds.
- NDW6250** This is a 6,250-acre, large-sized grain farm in south central North Dakota (Barnes County) that grows 2,700 acres of wheat, 300 acres of barley, 1,600 acres of soybeans, 600 acres of corn, 500 acres of sunflowers, and 300 acres of dry edible beans annually. Small grains (wheat and barley) sales total 44 percent of 2005 receipts with oilseeds (soybeans and sunflowers) making up 37 percent.

Appendix Table A3. Characteristics of Panel Farms Producing Wheat.

	WAW1725	WAW5000	WAAW3500	ORW4000	MTW4500	NDW2180	NDW6250
County	Whitman	Whitman	Adams	Morrow	Chouteau	Barnes	Barnes
Total Cropland	1,725.00	5,000.00	3,500.00	3,600.00	4,500.00	2,180.00	6,250.00
Acres Owned	518.00	2,250.00	1,400.00	1,600.00	2,700.00	276.00	1,800.00
Acres Leased	1,207.00	2,750.00	2,100.00	2,000.00	1,800.00	1,904.00	4,450.00
Assets (\$1000)							
Total	1,189.00	4,316.00	1,044.00	1,168.00	2,137.00	528.00	2,768.00
Real Estate	743.00	3,112.00	845.00	739.00	1,620.00	303.00	1,514.00
Machinery	420.00	1,164.00	198.00	357.00	408.00	218.00	1,175.00
Other & Livestock	26.00	40.00	1.00	73.00	110.00	7.00	79.00
Debt/Asset Ratios							
Total	0.18	0.16	0.15	0.13	0.16	0.27	0.16
Intermediate	0.21	0.19	0.08	0.08	0.18	0.18	0.17
Long Run	0.16	0.15	0.17	0.16	0.17	0.17	0.17
2005 Gross Receipts (\$1,000)*							
Total	379.00	1,157.10	226.80	290.90	328.50	339.00	1,190.40
Wheat	308.80	863.00	211.10	265.30	318.50	101.60	461.90
	0.82	0.75	0.93	0.91	0.97	0.30	0.39
Barley	30.00	58.10	1.00	0.00	10.00	17.40	62.10
	0.08	0.05	0.00	0.00	0.03	0.05	0.05
Corn	0.00	0.00	0.00	0.00	0.00	48.00	119.40
	0.00	0.00	0.00	0.00	0.00	0.14	0.10
Soybeans	0.00	0.00	0.00	0.00	0.00	127.70	306.70
	0.00	0.00	0.00	0.00	0.00	0.38	0.26
Dry Peas	40.20	216.90	0.00	0.00	0.00	0.00	96.30
	0.11	0.19	0.00	0.00	0.00	0.00	0.08
Sunflowers	0.00	0.00	0.00	0.00	0.00	40.80	131.20
	0.00	0.00	0.00	0.00	0.00	0.12	0.11
Other Receipts	0.00	19.10	14.70	25.60	0.00	3.50	12.80
	0.00	0.02	0.07	0.09	0.00	0.01	0.01
2005 Planted Acres**							
Total	1,725.00	4,766.00	2,000.00	2,000.00	2,475.00	2,080.00	6,000.00
Wheat	1,121.00	2,915.00	1,500.00	1,600.00	2,475.00	700.00	2,700.00
	0.65	0.61	0.75	0.80	1.00	0.34	0.45
Barley	173.00	233.00	0.00	0.00	0.00	100.00	300.00
	0.10	0.05	0.00	0.00	0.00	0.05	0.05
Corn	0.00	0.00	0.00	0.00	0.00	240.00	600.00
	0.00	0.00	0.00	0.00	0.00	0.12	0.10
Soybeans	0.00	0.00	0.00	0.00	0.00	800.00	1,600.00
	0.00	0.00	0.00	0.00	0.00	0.39	0.27
Dry Peas	431.00	1,293.00	0.00	0.00	0.00	0.00	300.00
	0.25	0.27	0.00	0.00	0.00	0.00	0.05
Sunflowers	0.00	0.00	0.00	0.00	0.00	240.00	500.00
	0.00	0.00	0.00	0.00	0.00	0.12	0.08
CRP	0.00	325.00	500.00	400.00	0.00	0.00	0.00
	0.00	0.07	0.25	0.20	0.00	0.00	0.00

*Receipts for 2005 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 2005 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.

2005 CHARACTERISTICS OF PANEL FARMS PRODUCING WHEAT (CONTINUED)

- 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 2005, 62 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-four percent of this farm's 2005 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 935 acres of winter wheat (wheat-fallow rotation), 470 acres of corn, 280 acres of sorghum, and 185 acres of sunflowers. KSNW2800 also owns 60 head of beef cows. This farm generated 39 percent of 2005 receipts from wheat and 42 percent of its receipts from feedgrains.
- KSNW4300** KSNW4300 is a 4,300-acre, large-sized northwest Kansas (Thomas County) grain farm that annually plants 2,000 acres of winter wheat, 532 acres of corn, 281 acres of sorghum, 282 acres of sunflowers, 130 acres of soybeans, 75 acres of hay, and has 1,000 acres that lie fallow. This farm also runs 100 head of beef cows. The farm generated 43 percent of receipts from wheat, 35 percent from feedgrains, and nine percent from cattle during 2005.
- COW3000** A 3,000-acre northeast Colorado (Washington County), moderate-sized grain farm that plants 970 acres of winter wheat, 605 acres of millet, and 600 acres of corn each year. COW3000 has adopted minimum tillage practices on most of its acres. This farm generated 39 percent of its receipts from wheat, 24 percent from millet, and 30 percent from corn.
- COW5640** A 5,640-acre, large-sized northeast Colorado (Washington County) grain farm. It plants 1,900 acres of wheat, 1,100 acres of millet, 650 acres of corn, and 260 acres of sunflowers. During 2005, 52 percent of gross receipts came from wheat sales and 20 percent came from millet sales.

Appendix Table A4. Characteristics of Panel Farms Producing Wheat.

	KSCW1600	KSCW4000	KSNW2800	KSNW4300	COW3000	COW5640
County	Sumner	Sumner	Thomas	Thomas	Washington	Washington
Total Cropland	1,600.00	4,000.00	2,800.00	4,300.00	3,000.00	5,640.00
Acres Owned	560.00	1,000.00	1,170.00	1,135.00	1,137.00	1,880.00
Acres Leased	1,040.00	3,000.00	1,630.00	3,165.00	1,863.00	3,760.00
Pastureland						
Acres Owned	0.00	0.00	0.00	500.00	200.00	0.00
Acres Leased	0.00	0.00	0.00	500.00	0.00	0.00
Assets (\$1000)						
Total	1,043.00	2,063.00	1,477.00	2,009.00	1,289.00	2,132.00
Real Estate	632.00	1,171.00	919.00	1,322.00	877.00	1,384.00
Machinery	397.00	892.00	483.00	570.00	275.00	605.00
Other & Livestock	14.00	0.00	75.00	118.00	137.00	143.00
Debt/Asset Ratios						
Total	0.28	0.20	0.30	0.20	0.13	0.16
Intermediate	0.30	0.23	0.29	0.17	0.08	0.20
Long Run	0.17	0.17	0.17	0.17	0.16	0.15
Number of Livestock						
Beef Cows	0.00	0.00	60.00	100.00	0.00	0.00
2005 Gross Receipts (\$1,000)*						
Total	233.00	554.70	332.60	631.00	262.70	499.20
Cattle	0.00	0.00	34.80	57.30	0.00	0.00
	0.00	0.00	0.11	0.09	0.00	0.00
Wheat	145.30	243.90	128.60	274.00	102.60	257.20
	0.62	0.44	0.39	0.43	0.39	0.52
Sorghum	22.80	110.30	45.40	44.00	0.00	0.00
	0.10	0.20	0.14	0.07	0.00	0.00
Corn	0.00	142.80	91.70	179.10	78.70	78.40
	0.00	0.26	0.28	0.28	0.30	0.16
Soybeans	19.70	57.70	0.00	39.90	0.00	0.00
	0.08	0.10	0.00	0.06	0.00	0.00
Sunflowers	0.00	0.00	28.10	36.80	0.00	49.20
	0.00	0.00	0.08	0.06	0.00	0.10
Millet	0.00	0.00	0.00	0.00	63.40	98.70
	0.00	0.00	0.00	0.00	0.24	0.20
Other Receipts	0.00	0.00	4.00	0.00	18.00	15.70
	0.00	0.00	0.01	0.00	0.07	0.03
2005 Planted Acres**						
Total	1,600.00	4,000.00	1,870.00	3,300.00	2,475.00	4,340.00
Wheat	1,072.00	2,000.00	935.00	2,000.00	970.00	1,900.00
	0.67	0.50	0.50	0.61	0.39	0.44
Sorghum	208.00	1,000.00	280.00	281.00	0.00	0.00
	0.13	0.25	0.15	0.09	0.00	0.00
Corn	0.00	500.00	470.00	532.00	600.00	650.00
	0.00	0.13	0.25	0.16	0.24	0.15
Soybeans	160.00	500.00	0.00	130.00	0.00	0.00
	0.10	0.13	0.00	0.04	0.00	0.00
Sunflowers	0.00	0.00	185.00	282.00	0.00	260.00
	0.00	0.00	0.10	0.09	0.00	0.06
Millet	0.00	0.00	0.00	0.00	605.00	1,100.00
	0.00	0.00	0.00	0.00	0.24	0.25
Hay	0.00	0.00	0.00	75.00	0.00	0.00
	0.00	0.00	0.00	0.02	0.00	0.00
CRP	0.00	0.00	0.00	0.00	300.00	430.00
	0.00	0.00	0.00	0.00	0.12	0.10

*Receipts for 2005 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 2005 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.

2005 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-eight 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). Sixty percent of 2005 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 2005, 90 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 86 percent of 2005 receipts.
- TXPC2500** The Texas Panhandle is home to this 2,500-acre farm (Deaf Smith County). Annually, cotton is planted on 1,184 acres (1,000 irrigated and 184 dryland), 308 acres to sorghum (125 irrigated and 183 dryland), 883 acres planted to wheat (700 irrigated and 183 dryland), and 125 irrigated acres are planted to corn. Sixty-three percent of 2005 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, 4,300 acres are planted to cotton (2,800 irrigated and 1,500 dryland), 400 acres of wheat (100 irrigated and 300 dryland), and 300 acres of dryland sorghum. In 2005, cotton sales accounted for 96 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 1,122 acres of cotton and 825 acres of winter wheat each year. Eighty-one percent of 2005 farm receipts came from cotton sales. Twelve head of beef cows generated approximately two percent of farm receipts.
- TXMC3500** A 3,500-acre cotton farm located on the middle Texas Gulf Coast (Jackson County) that farms 1,750 acres of cotton and 875 acres each of sorghum and corn. In 2005, cotton sales comprised 71 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-eight percent of 2005 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 76 percent of 2005 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 2005, 73 percent of TXVC4500's cash receipts were generated by cotton sales.

Appendix Table A5. Characteristics of Panel Farms Producing Cotton.

	TXNP3000	TXNP7000	TXSP2239	TXSP3745	TXPC2500	TXEC5000	TXRP2500	TXMC3500	TXCB2250	TXCB5500	TXVC4500
County	Moore	Moore	Dawson	Dawson	Deaf Smith	Crosby	Jones	Jackson	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	3,500.00	2,250.00	5,500.00	4,500.00
Acres Owned	300.00	1,150.00	670.00	1,650.00	1,250.00	640.00	400.00	350.00	450.00	225.00	900.00
Acres Leased	2,700.00	5,850.00	1,569.00	2,095.00	1,250.00	4,360.00	2,100.00	3,150.00	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	814.00	2,596.00	850.00	2,072.00	1,638.00	1,203.00	471.00	1,155.00	1,074.00	1,213.00	2,436.00
Real Estate	377.00	1,031.00	416.00	1,133.00	801.00	396.00	228.00	364.00	613.00	299.00	1,651.00
Machinery	437.00	1,565.00	434.00	847.00	837.00	807.00	233.00	791.00	455.00	891.00	784.00
Other & Livestock	0.00	0.00	0.00	91.00	0.00	0.00	10.00	0.00	6.00	23.00	0.00
Debt/Asset Ratios											
Total	0.21	0.34	0.29	0.15	0.36	0.45	0.30	0.44	0.27	0.26	0.32
Intermediate	0.13	0.23	0.26	0.16	0.23	0.19	0.30	0.39	0.29	0.30	0.32
Long Run	0.14	0.14	0.15	0.15	0.17	0.15	0.16	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	12.00	0.00	0.00	0.00	0.00
2005 Gross Receipts (\$1,000)*											
Total	1,115.30	2,544.90	544.90	927.80	886.50	1,236.10	253.00	1,291.50	666.90	1,565.40	1,327.40
Cattle	0.00	0.00	0.00	0.00	0.00	0.00	5.60	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	0.00
Cotton	651.30	1,516.10	492.20	801.00	557.00	1,186.00	205.30	915.10	517.70	1,183.20	973.30
	0.58	0.60	0.90	0.86	0.63	0.96	0.81	0.71	0.78	0.76	0.73
Sorghum	122.10	187.50	0.00	0.00	33.70	30.30	0.00	161.40	117.60	382.30	231.70
	0.11	0.07	0.00	0.00	0.04	0.03	0.00	0.13	0.18	0.24	0.18
Wheat	80.20	105.60	0.00	0.00	114.40	19.80	42.20	0.00	0.00	0.00	0.00
	0.07	0.04	0.00	0.00	0.13	0.02	0.17	0.00	0.00	0.00	0.00
Corn	203.60	615.10	0.00	0.00	113.60	0.00	0.00	209.20	31.60	0.00	0.00
	0.18	0.24	0.00	0.00	0.13	0.00	0.00	0.16	0.05	0.00	0.00
Peanuts	0.00	0.00	46.80	117.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.09	0.13	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	5.70	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	122.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
Other Receipts	0.00	0.00	5.90	8.90	67.70	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.01	0.01	0.08	0.00	0.00	0.00	0.00	0.00	0.00
2005 Planted Acres**											
Total	3,000.00	6,483.00	2,043.00	3,444.00	2,500.00	5,000.00	1,947.00	3,500.00	2,250.00	5,500.00	4,500.00
Cotton	1,500.00	2,850.00	1,800.00	3,036.00	1,184.00	4,300.00	1,122.00	1,750.00	1,350.00	2,750.00	2,387.50
	0.50	0.44	0.88	0.88	0.47	0.86	0.58	0.50	0.60	0.50	0.53
Sorghum	240.00	796.00	0.00	0.00	308.00	300.00	0.00	875.00	675.00	2,750.00	1,887.50
	0.08	0.12	0.00	0.00	0.12	0.06	0.00	0.25	0.30	0.50	0.42
Wheat	600.00	1,237.00	0.00	0.00	883.00	400.00	825.00	0.00	0.00	0.00	0.00
	0.20	0.19	0.00	0.00	0.35	0.08	0.42	0.00	0.00	0.00	0.00
Corn	360.00	1,100.00	0.00	0.00	125.00	0.00	0.00	875.00	225.00	0.00	0.00
	0.12	0.17	0.00	0.00	0.05	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 2005 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 2005 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.

2005 CHARACTERISTICS OF PANEL FARMS PRODUCING COTTON (continued)

- CAC4000** A 4,000-acre cotton farm located in Kings County, California, CAC400 plants 2,000 acres to cotton, 1,000 acres to vegetables, 700 acres to hay and silage, and harvests 300 acres of almonds. Forty-seven percent of 2005 receipts came from cotton sales.
- LAC2640** This is a 2,640 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 2005, 58 percent of farm receipts were generated from cotton sales.
- ARC6000** ARC6000 is a 6,000-acre cotton farm in northeast 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 2005, 50 percent of gross receipts came from cotton sales, 37 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 76 percent of 2005 gross receipts, with corn and soybeans contributing 14 percent and nine 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 2005, cotton sales generated 81 percent of gross receipts.
- ALC3000** A 3,000-acre cotton farm located in north central Alabama (Lawrence County) that plants 2,100 acres to cotton, 750 acres to corn, and 150 acres to soybeans annually. ALC3000 has been under a no-till regime for several years. Additionally, cotton produced on this farm is marketed through a cooperative gin. This gin has implemented ginning and marketing innovations that return a higher lint price than would be realized through conventional marketing channels. Cotton sales accounted for 84 percent of total farm receipts during 2005.
- GAC1700** Southwest Georgia (Decatur County) is home to a 1,700-acre cotton farm that plants 1,020 acres to cotton, 510 acres to peanuts, and 170 acres to soybeans. This farm was added during 2001 to represent resurgent cotton production in the Deep South. In 2005, farm receipts were comprised largely of cotton sales (58 percent) and peanut sales (36 percent).
- NCC1100** This is a 1,100-acre cotton farm located on the upper coastal plain of North Carolina (Wayne County). NCC1100 plants 700 acres of cotton, 110 acres of wheat, and 400 acres of soybeans (110 acres of which are double-cropped) annually. This farm was added during 2001 to reflect the return of large-scale cotton production to North Carolina. Cotton accounted for 76 percent of this farm's 2005 receipts with 12 percent coming from soybean sales.

Appendix Table A6. Characteristics of Panel Farms Producing Cotton.

	CAC4000	LAC2640	ARC6000	ARNC5000	TNC1900	TNC4050	ALC3000	GAC1700	NCC1100
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	1,700.00	1,100.00
Acres Owned	2,000.00	0.00	1,200.00	1,000.00	225.00	1,000.00	0.00	510.00	165.00
Acres Leased	2,000.00	2,640.00	4,800.00	4,000.00	1,675.00	3,050.00	3,000.00	1,190.00	935.00
Pastureland									
Acres Owned	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00	0.00
Assets (\$1000)									
Total	12,044.00	725.00	5,795.00	4,896.00	2,089.00	3,883.00	1,636.00	2,380.00	1,545.00
Real Estate	10,275.00	96.00	3,169.00	2,120.00	810.00	2,204.00	192.00	1,580.00	1,048.00
Machinery	1,012.00	553.00	2,535.00	2,755.00	553.00	1,413.00	1,398.00	801.00	497.00
Other & Livestock	758.00	77.00	91.00	20.00	726.00	266.00	46.00	0.00	0.00
Debt/Asset Ratios									
Total	0.18	0.14	0.22	0.25	0.12	0.19	0.51	0.24	0.19
Intermediate	0.41	0.10	0.31	0.31	0.22	0.15	0.41	0.29	0.12
Long Run	0.17	0.10	0.16	0.15	0.10	0.15	0.15	0.17	0.16
2005 Gross Receipts (\$1,000)*									
Total	6,376.90	1,245.50	3,036.90	2,895.30	901.20	1,671.60	1,175.60	1,296.30	559.50
Cotton	2,972.10	727.50	1,522.60	2,895.30	688.70	1,360.10	989.90	745.20	422.40
	0.47	0.58	0.50	1.00	0.76	0.81	0.84	0.58	0.76
Sorghum	0.00	0.00	94.80	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	0.00	0.00
Wheat	0.00	0.00	0.00	0.00	0.00	64.40	0.00	0.00	16.00
	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.03
Soybeans	0.00	101.40	288.00	0.00	84.70	104.40	13.90	87.30	66.30
	0.00	0.08	0.10	0.00	0.09	0.06	0.01	0.07	0.12
Corn	0.00	373.50	0.00	0.00	126.50	138.70	171.80	0.00	3.80
	0.00	0.30	0.00	0.00	0.14	0.08	0.15	0.00	0.01
Hay	839.60	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	0.00	0.00
Peanuts	0.00	0.00	0.00	0.00	0.00	0.00	0.00	463.80	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00
Rice	0.00	43.20	1,131.50	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.04	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Other Receipts	2,565.20	0.00	0.00	0.00	1.40	4.00	0.00	0.00	51.00
	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
2005 Planted Acres**									
Total	4,000.00	2,640.00	6,000.00	5,000.00	1,900.00	4,378.00	3,000.00	1,700.00	1,210.00
Cotton	2,000.00	924.00	2,000.00	5,000.00	990.00	2,670.00	2,100.00	1,020.00	700.00
	0.50	0.35	0.33	1.00	0.52	0.61	0.70	0.60	0.58
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	110.00
	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.09
Soybeans	0.00	660.00	1,500.00	0.00	440.00	820.00	150.00	170.00	400.00
	0.00	0.25	0.25	0.00	0.23	0.19	0.05	0.10	0.33
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	510.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	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

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**Acreages for 2005 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.

2005 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 89 percent of 2005 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 2005's total receipts were generated from rice sales.
- CABR1100** The Sacramento Valley (Butte County) is home to CABR1100, a 1,100-acre rice farm. CABR1100 harvests 1,000 acres of rice annually, generating 99-plus percent of 2005 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 2005, 99 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 97 percent of its receipts from rice during 2005.
- 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 2005 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 2005 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-six percent of 2005 receipts came from rice sales.

Appendix Table A7. Characteristics of Panel Farms Producing Rice.

	CAR550	CAR2365	CABR1100	CACR715	TXR1350	TXR2400	TXBR1800	TXER3200
County	Sutter	Sutter	Butte	Colusa	Colorado	Colorado	Matagorda	Wharton
Total Cropland	550.00	2,365.00	1,100.00	715.00	1,350.00	2,400.00	1,800.00	3,200.00
Acres Owned	275.00	769.00	253.00	286.00	405.00	0.00	150.00	320.00
Acres Leased	275.00	1,596.00	847.00	429.00	945.00	2,400.00	1,650.00	2,880.00
Assets (\$1000)								
Total	1,560.00	4,550.00	1,932.00	1,759.00	920.00	992.00	840.00	1,048.00
Real Estate	1,050.00	3,319.00	1,153.00	1,404.00	472.00	49.00	276.00	475.00
Machinery	510.00	1,231.00	778.00	355.00	365.00	927.00	564.00	573.00
Other & Livestock	0.00	0.00	0.00	0.00	83.00	17.00	0.00	0.00
Debt/Asset Ratios								
Total	0.36	0.45	0.47	0.40	0.31	0.46	0.38	0.47
Intermediate	0.30	0.25	0.14	0.15	0.19	0.26	0.30	0.27
Long Run	0.17	0.16	0.17	0.17	0.14	0.14	0.17	0.17
2005 Gross Receipts (\$1,000)*								
Total	453.50	1,979.60	850.60	597.30	358.80	746.70	618.20	982.80
Rice	403.50	1,939.60	846.60	592.30	348.80	739.20	618.20	938.20
	0.89	0.98	1.00	0.99	0.97	0.99	1.00	0.96
Soybeans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Sorghum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Other Receipts	50.00	40.00	4.00	5.00	10.00	7.50	0.00	0.00
	0.11	0.02	0.01	0.01	0.03	0.01	0.00	0.00
2005 Planted Acres**								
Total	500.00	2,240.00	1,000.00	650.00	855.00	2,280.00	1,200.00	2,560.00
Rice	500.00	2,240.00	1,000.00	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

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**Acreages for 2005 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.

2005 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 2005, 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 2005, 56 percent of farm receipts came from rice, 14 percent from soybeans, and 20 percent from cotton.
- MOER4500** MOER4500 is a 4,500-acre, large-sized rice farm located in southeast Missouri (New Madrid County) that plants 1,500 acres each to rice, corn, and soybeans each year. During 2005, 47 percent of this farm's cash receipts were generated by rice, 34 percent by corn, and 19 percent by soybeans.
- 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 2005.
- 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-six percent of this farm's 2005 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 2005, rice sales generated 71 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 81 percent of 2005 farm receipts.

Appendix Table A8. Characteristics of Panel Farms Producing Rice.

	LASR1200	LANR2500	MOER4500	MOWR4000	ARSR3640	ARWR1200	ARHR3000
County	Acadia	Madison	New Madrid	Butler	Arkansas	Cross	Lawrence
Total Cropland	1,200.00	2,500.00	4,500.00	4,000.00	3,640.00	1,200.00	3,000.00
Acres Owned	50.00	1,250.00	1,575.00	2,000.00	728.00	360.00	1,000.00
Acres Leased	1,150.00	1,250.00	2,925.00	2,000.00	2,912.00	840.00	2,000.00
Assets (\$1000)							
Total	417.00	3,098.00	6,809.00	7,654.00	2,933.00	1,944.00	4,353.00
Real Estate	94.00	1,943.00	4,565.00	5,278.00	1,794.00	1,095.00	2,898.00
Machinery	323.00	1,155.00	1,774.00	2,102.00	1,108.00	826.00	1,429.00
Other & Livestock	0.00	0.00	470.00	274.00	31.00	23.00	26.00
Debt/Asset Ratios							
Total	0.83	0.26	0.15	0.19	0.15	0.37	0.34
Intermediate	0.40	0.28	0.20	0.32	0.11	0.18	0.33
Long Run	0.17	0.16	0.14	0.15	0.17	0.16	0.16
2005 Gross Receipts (\$1,000)*							
Total	359.80	1,099.10	1,713.90	1,713.70	1,028.20	494.20	1,347.20
Rice	304.00	618.20	808.30	1,210.00	673.10	351.90	1,088.40
	0.85	0.56	0.47	0.71	0.66	0.71	0.81
Soybeans	31.80	152.80	318.50	503.70	303.10	131.20	258.80
	0.09	0.14	0.19	0.29	0.30	0.27	0.19
Corn	0.00	110.10	587.00	0.00	0.00	0.00	0.00
	0.00	0.10	0.34	0.00	0.00	0.00	0.00
Sorghum	0.00	2.90	0.00	0.00	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	0.00	52.10	11.10	0.00
	0.00	0.00	0.00	0.00	0.05	0.02	0.00
Cotton	0.00	215.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.20	0.00	0.00	0.00	0.00	0.00
Other Receipts	24.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.01	0.00	0.00	0.00	0.00	0.00	0.00
2005 Planted Acres**							
Total	910.00	2,375.00	4,500.00	4,000.00	3,564.00	1,260.00	3,000.00
Rice	660.00	1,000.00	1,500.00	2,000.00	1,620.00	600.00	1,750.00
	0.73	0.42	0.33	0.50	0.46	0.48	0.58
Soybeans	250.00	800.00	1,500.00	2,000.00	1,620.00	600.00	1,250.00
	0.28	0.34	0.33	0.50	0.46	0.48	0.42
Corn	0.00	250.00	1,500.00	0.00	0.00	0.00	0.00
	0.00	0.11	0.33	0.00	0.00	0.00	0.00
Wheat	0.00	0.00	0.00	0.00	324.00	60.00	0.00
	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
	0.00	0.14	0.00	0.00	0.00	0.00	0.00

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**Acreages for 2005 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.

2005 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 92 percent of 2005 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 2005 total receipts.
- WAD250** A 250-cow, moderate-sized northern Washington (Whatcom County) dairy. This farm plants 200 acres of silage and generated 90 percent of its 2005 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 2005, 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 89 percent of IDD1000's gross receipts for 2005.
- 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.
- TXND2400** A 2,400-cow, large-sized dairy located in the South Plains of Texas (Bailey County). This farm plants 90 acres of sorghum for silage and 90 acres of wheat (for grazing heifers) annually. Milk sales account for 90 percent of 2005 gross receipts.
- TXCD550** A 550-cow, moderate-sized central Texas (Erath County) dairy. TXCD550 plants 500 acres of hay each year. Milk sales represented 91 percent of this farm's 2005 gross receipts.
- TXCD1300** A 1,300-cow, large-sized central Texas (Erath County) dairy. TXCD1300 plants 400 acres of silage annually. During 2005, milk sales accounted for 92 percent of receipts.

Appendix Table A9. Characteristics of Panel Farms Producing Milk.

	CAD1710	NMD2125	WAD250	WAD850	IDD1000	IDD3000	TXND2400	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	260.00	250.00	460.00
Acres Owned	700.00	370.00	100.00	300.00	360.00	1,500.00	260.00	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	13,315.00	10,877.00	2,775.00	6,726.00	6,366.00	21,232.00	11,422.00	2,674.00	6,892.00
Real Estate	7,229.00	4,318.00	1,714.00	4,211.00	2,582.00	9,566.00	2,722.00	1,030.00	2,323.00
Machinery	343.00	572.00	268.00	550.00	301.00	897.00	651.00	320.00	653.00
Other & Livestock	5,744.00	5,987.00	793.00	1,966.00	3,484.00	10,768.00	8,049.00	1,323.00	3,915.00
Debt/Asset Ratios									
Total	0.14	0.12	0.18	0.18	0.11	0.12	0.10	0.12	0.12
Intermediate	0.01	0.06	0.12	0.05	0.02	0.04	0.06	0.04	0.05
Long Run	0.24	0.22	0.23	0.26	0.21	0.21	0.27	0.25	0.26
Number of Livestock									
Dairy Cows	1,710.00	2,125.00	250.00	850.00	1,000.00	3,000.00	2,400.00	550.00	1,300.00
Cwt Milk/Cow	227.00	211.00	233.00	249.00	247.00	247.00	213.00	186.00	202.00
2005 Gross Receipts (\$1,000)*									
Total	6,023.00	7,286.20	942.90	3,230.20	3,839.30	11,269.20	8,158.90	1,691.30	4,463.80
Milk	5,511.30	6,635.70	849.40	3,012.90	3,431.80	10,295.50	7,352.20	1,544.50	4,092.50
	0.92	0.91	0.90	0.93	0.89	0.91	0.90	0.91	0.92
Dairy Cattle	468.50	650.50	86.70	176.50	335.50	895.90	806.70	146.80	371.40
	0.08	0.09	0.09	0.06	0.09	0.08	0.10	0.09	0.08
Other Receipts	43.30	0.00	6.80	40.80	72.00	77.80	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
2005 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 2005 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 2005 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.

2005 CHARACTERISTICS OF PANEL FARMS PRODUCING MILK (CONTINUED)

- TXED550** A 550-cow, moderate-sized northeast Texas (Hopkins County) dairy. This farm has 300 acres of improved pasture and 50 acres of hay. During 2005, milk sales represented 92 percent of annual receipts.
- TXED1000** A 1,000-cow, large-sized northeast Texas (Hopkins County) dairy. This farm plants 750 acres of hay/silage. This farm generated 90 percent of 2005 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 90 percent of this farm's 2005 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 93 percent of the farm's 2005 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 93 percent of the gross receipts for this farm in 2005.
- 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 2005.
- 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 90 percent of the gross receipts for 2005 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 93 percent of the 2005 total receipts for this dairy.

Appendix Table A10. Characteristics of Panel Farms Producing Milk.

	TXED550	TXED1000	WID145	WID775	NYWD800	NYWD1200	NYCD110	NYCD500
County	Hopkins	Lamar	Winnebago	Winnebago	Wyoming	Wyoming	Cayuga	Cayuga
Total Cropland	300.00	875.00	600.00	1,200.00	1,440.00	2,160.00	296.00	1,100.00
Acres Owned	150.00	375.00	330.00	480.00	1,040.00	1,440.00	250.00	841.00
Acres Leased	150.00	500.00	270.00	720.00	400.00	720.00	46.00	259.00
Pastureland								
Acres Owned	0.00	75.00	40.00	0.00	100.00	50.00	20.00	400.00
Acres Leased	0.00	80.00	0.00	0.00	0.00	0.00	0.00	0.00
Assets (\$1000)								
Total	2,021.00	5,127.00	2,690.00	5,740.00	5,995.00	9,157.00	1,008.00	3,939.00
Real Estate	550.00	1,473.00	1,752.00	2,600.00	2,884.00	4,559.00	394.00	2,005.00
Machinery	126.00	352.00	287.00	348.00	1,225.00	1,566.00	118.00	525.00
Other & Livestock	1,345.00	3,302.00	652.00	2,792.00	1,887.00	3,032.00	497.00	1,409.00
Debt/Asset Ratios								
Total	0.08	0.09	0.18	0.13	0.20	0.18	0.13	0.15
Intermediate	0.02	0.03	0.07	0.04	0.19	0.13	0.08	0.08
Long Run	0.26	0.26	0.23	0.25	0.25	0.25	0.26	0.24
Number of Livestock								
Dairy Cows	550.00	1,000.00	145.00	775.00	800.00	1,200.00	110.00	500.00
Cwt Milk/Cow	170.00	206.00	250.00	250.00	243.00	239.00	252.00	246.00
2005 Gross Receipts (\$1,000)*								
Total	1,519.00	3,404.70	622.60	3,316.40	3,207.90	4,788.30	497.60	2,114.80
Milk	1,390.70	3,064.80	557.00	3,069.70	2,967.20	4,398.90	445.60	1,956.70
	0.92	0.90	0.90	0.93	0.93	0.92	0.90	0.93
Dairy Cattle	128.30	340.00	51.60	204.30	200.20	333.60	44.80	135.60
	0.08	0.10	0.08	0.06	0.06	0.07	0.09	0.06
Hay	0.00	0.00	0.00	5.60	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Silage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Corn	0.00	0.00	0.30	0.00	0.00	0.00	0.10	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2005 Planted Acres**								
Total	350.00	750.00	600.00	1,200.00	1,440.00	2,160.00	275.00	1,100.00
Hay	50.00	300.00	60.00	696.00	750.00	0.00	80.00	714.00
	0.14	0.40	0.10	0.58	0.52	0.00	0.29	0.65
Silage	0.00	450.00	237.00	454.00	690.00	2,160.00	131.00	386.00
	0.00	0.60	0.40	0.38	0.48	1.00	0.48	0.35
Improved Pasture	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.86	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 2005 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 2005 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.

2005 CHARACTERISTICS OF PANEL FARMS PRODUCING MILK (CONTINUED)

- VTD134** A 134-cow, moderate-sized Vermont (Washington County) dairy. VTD134 plants 30 acres of hay, and 190 acres of silage annually. Milk accounted for 89 percent of the 2005 receipts for this farm.
- VTD350** A 350-cow, large-sized Vermont (Washington County) dairy. This farm plants 40 acres of hay and 660 acres of silage annually. Milk sales represent 90 percent of VTD350's gross receipts in 2005.
- 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 86 percent of gross farm receipts for 2005.
- 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 93 percent of gross farm receipts for 2005.
- 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 93 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 2005 total receipts.

Appendix Table A11. Characteristics of Panel Farms Producing Milk.

	VTD134	VTD350	MOD85	MOD400	FLND550	FLSD1500
County	Washington	Washington	Christian	Dade	Lafayette	Okeechobee
Total Cropland	220.00	800.00	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	275.00	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	1,225.00	3,729.00	1,300.00	3,679.00	3,872.00	8,586.00
Real Estate	414.00	2,135.00	868.00	1,970.00	1,885.00	4,061.00
Machinery	186.00	409.00	162.00	379.00	126.00	297.00
Other & Livestock	624.00	1,185.00	270.00	1,329.00	1,861.00	4,228.00
Debt/Asset Ratios						
Total	0.14	0.18	0.19	0.15	0.12	0.13
Intermediate	0.12	0.09	0.11	0.09	0.03	0.01
Long Run	0.21	0.25	0.22	0.21	0.22	0.22
Number of Livestock						
Dairy Cows	134.00	350.00	85.00	400.00	550.00	1,500.00
Cwt Milk/Cow	234.00	227.00	182.00	215.00	180.00	178.00
2005 Gross Receipts (\$1,000)*						
Total	594.00	1,413.00	272.60	1,434.50	1,987.40	5,121.20
Milk	526.90	1,273.20	233.20	1,328.90	1,853.20	4,830.90
	0.89	0.90	0.86	0.93	0.93	0.94
Dairy Cattle	57.00	118.70	39.30	105.60	134.20	290.40
	0.10	0.08	0.14	0.07	0.07	0.06
Other Receipts	10.10	21.10	0.00	0.00	0.00	0.00
	0.01	0.00	0.00	0.00	0.00	0.00
2005 Planted Acres**						
Total	220.00	700.00	222.00	600.00	130.00	500.00
Hay	30.00	40.00	190.00	315.00	130.00	100.00
	0.14	0.06	0.86	0.53	1.00	0.20
Silage	190.00	660.00	32.00	135.00	0.00	400.00
	0.86	0.94	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 2005 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 2005 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.

2005 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 2005 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 1,300 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. Sales of high-quality replacement females comprise a significant portion of receipts for this ranch. Also, all deeded acres are leased for hunting. Cattle sales represented 98 percent of this ranch's 2005 receipts.
- WYB500** This 500-cow ranch is located in north central Wyoming (Washakie County). The ranch leases 42 percent of its required grazing acreage from the U.S. Forest Service and owns 1,000 acres of range. Annually, the ranch harvests 300 acres of alfalfa and grass hay on owned ground. In recent years, cowherd size has increased in an effort to realize benefits of economies of size. In 2005, cattle sales accounted for 100 percent of gross receipts on this ranch.
- 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. The ranch retains ownership of 75 percent of its steers through the backgrounding stage. Since 1999, the cowherd has decreased by 50 head as land development pressures have reduced grazing capacity. Cattle sales accounted for 77 percent of the ranch's 2005 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 2005, 97 percent of gross receipts were derived from cattle sales with the balance of receipts generated from fee hunting.

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

	CAB500	NVB700	MTB500	WYB500	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	4,000.00	200.00	0.00
State/Private AUMs	3,000.00	0.00	5,180.00	0.00	520.00	0.00
Assets (\$1000)						
Total	10,770.00	2,756.00	3,103.00	2,881.00	12,085.00	4,229.00
Real Estate	9,997.00	1,659.00	2,015.00	2,017.00	11,367.00	3,780.00
Machinery	92.00	127.00	146.00	187.00	206.00	86.00
Other & Livestock	681.00	971.00	942.00	677.00	512.00	362.00
Debt/Asset Ratios						
Total	0.01	0.02	0.02	0.01	0.01	0.01
Intermediate	0.02	0.05	0.03	0.02	0.04	0.02
Long Run	0.01	0.01	0.01	0.01	0.01	0.01
Number of Livestock						
Beef Cows	500.00	700.00	500.00	500.00	250.00	240.00
2005 Gross Receipts (\$1,000)*						
Total	317.10	381.70	333.40	304.60	198.80	299.20
Cattle	317.10	381.70	326.40	304.60	152.00	290.00
	1.00	1.00	0.98	1.00	0.77	0.97
Hay	0.00	0.00	0.00	0.00	37.80	0.00
	0.00	0.00	0.00	0.00	0.19	0.00
Other Receipts	0.00	0.00	7.00	0.00	9.00	9.20
	0.00	0.00	0.02	0.00	0.05	0.03
2005 Planted Acres**						
Total	0.00	1,300.00	640.00	300.00	450.00	0.00
Hay	0.00	1,300.00	640.00	300.00	450.00	0.00
	0.00	1.00	1.00	1.00	1.00	0.00

*Receipts for 2005 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 2005 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.

2005 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 2005, calf and culled cow/bull sales accounted for 92 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 2005, cattle sales comprised 68 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. 2005 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. Eighty-six percent of 2005 receipts came from cattle sales.
- TXBB150** TXBB150 runs 150 mother cows and 2,000 stockers annually in the Blackland Prairie of central Texas (McLennan County). The ranch operates on 3,000 acres (400 owned and 2,600 leased) of improved pasture and oat pasture. Additionally, 100 acres of coastal Bermuda hay is harvested for use on the ranch. In 2005, 98 percent of gross receipts were generated by the cow-calf and stocker cattle sales.
- TXSB250** A 250-head cow-calf operation is the central focus of this full-time agricultural operation in south central Texas (Gonzales County). High-intensity best describes the grazing philosophy of the region, with cows deriving most of their forage needs from improved coastal Bermuda pasture. Native pasture serves as fallback pasturage and is host to this operation's fledgling lease hunting program. Contract broiler production is an important source of agricultural revenue for this ranch; even so, cattle sales accounted for 86 percent of 2005 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 2005, cattle sales represented 91 percent of total receipts.
- OTHERS** Seven other representative farms have beef cattle operations along with their crop production (MONG1850, TXHG2000, TXWG1400, KSNW2800 KSNW4300, and TXRP2500). These farming operations have from 12 to 200 cows. Cattle contributed from two to 23 percent of gross receipts for these farms in 2005.

Appendix Table A13. Characteristics of Panel Farms Producing Beef Cattle.

	SDB450	MOB240	MOCB400	TXRB500	TXBB150	TXSB250	FLB1155
County	Meade	Dade	Dent	King	McLennan	Gonzales	Osceola
Total Cropland	1,150.00	240.00	40.00	0.00	200.00	0.00	5,400.00
Acres Owned	1,150.00	175.00	40.00	0.00	200.00	0.00	5,400.00
Acres Leased	0.00	65.00	0.00	0.00	0.00	0.00	0.00
Pastureland							
Acres Owned	6,700.00	570.00	1,020.00	10,000.00	200.00	900.00	0.00
Acres Leased	0.00	280.00	500.00	10,000.00	2,000.00	775.00	0.00
Federal AUMs Leas	1,800.00	0.00	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	0.00
Assets (\$1000)							
Total	3,266.00	2,149.00	3,086.00	4,303.00	1,052.00	2,455.00	12,217.00
Real Estate	2,363.00	1,282.00	1,314.00	3,303.00	375.00	2,000.00	10,874.00
Machinery	206.00	222.00	115.00	29.00	140.00	89.00	145.00
Other & Livestock	697.00	645.00	1,657.00	971.00	536.00	365.00	1,199.00
Debt/Asset Ratios							
Total	0.02	0.01	0.01	0.01	0.03	0.01	0.01
Intermediate	0.05	0.03	0.02	0.00	0.11	0.03	0.02
Long Run	0.01	0.01	0.00	0.01	0.01	0.01	0.01
Number of Livestock							
Beef Cows	450.00	250.00	400.00	500.00	150.00	250.00	1,155.00
2005 Gross Receipts (\$1,000)*							
Total	290.30	228.30	288.80	342.50	1,586.90	192.40	648.10
Cattle	266.40	155.40	280.00	294.50	1,547.80	164.90	586.90
	0.92	0.68	0.97	0.86	0.98	0.86	0.91
Corn	0.00	28.40	0.00	0.00	0.00	0.00	0.00
	0.00	0.12	0.00	0.00	0.00	0.00	0.00
Sorghum	0.00	1.90	0.00	0.00	0.00	0.00	0.00
	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Soybeans	0.00	15.50	0.00	0.00	0.00	0.00	0.00
	0.00	0.07	0.00	0.00	0.00	0.00	0.00
Wheat	0.00	11.50	0.00	0.00	0.00	0.00	0.00
	0.00	0.05	0.00	0.00	0.00	0.00	0.00
Hay	23.90	15.50	4.40	0.00	16.20	0.00	0.00
	0.08	0.07	0.02	0.00	0.01	0.00	0.00
Oats	0.00	0.00	0.00	0.00	22.80	0.00	0.00
	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Other Receipts	0.00	0.00	4.30	48.00	0.00	27.50	61.20
	0.00	0.00	0.02	0.14	0.00	0.14	0.09
2005 Planted Acres**							
Total	960.00	1,428.00	1,560.00	0.00	3,000.00	0.00	3,560.00
Corn	0.00	100.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.07	0.00	0.00	0.00	0.00	0.00
Sorghum	0.00	24.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.02	0.00	0.00	0.00	0.00	0.00
Soybeans	0.00	116.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.08	0.00	0.00	0.00	0.00	0.00
Wheat	0.00	58.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.04	0.00	0.00	0.00	0.00	0.00
Hay	840.00	560.00	410.00	0.00	1,000.00	0.00	3,560.00
	0.88	0.39	0.26	0.00	0.33	0.00	1.00
Oats	120.00	0.00	0.00	0.00	2,000.00	0.00	0.00
	0.13	0.00	0.00	0.00	0.67	0.00	0.00
Improved Pasture	0.00	570.00	1,150.00	0.00	0.00	0.00	0.00
	0.00	0.40	0.74	0.00	0.00	0.00	0.00

*Receipts for 2005 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 2005 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 (CONTINUED)**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. Dennis Amman	Mr. Robert Anderson
Mr. Dean Black	Mr. Perry Black
Mr. Keith Bowden	Mr. Jason Carver
Mr. and Mrs. Jim Carver	Mr. Jim Corey
Mr. David Hanson	Mr. Joe Horan
Mr. Don Sandell	Mr. Britt Shelton
Mr. Larry Sorensen	Mr. Doug Stanek
Mr. Dennis Vorrie	

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. Gary Ecker
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)**South Carolina***Facilitators*

Mr. Toby Boring - Extension Economist, Clemson University
 Dr. Todd Davis - Assistant Professor/Extension Economist, Clemson University
 Ms. Corey Risch - Extension Economist, Clemson University

Panel Participants

Mr. Tim Barnes	Ms. Vikki Brogdon
Mr. Sammy Burrows	Mr. Chris Cogdill
Mr. Billy Davis	Mr. John DesChamps
Mr. John Ducworth	Mr. Harry DuRant
Mr. Charles Horger	Mr. Tom Jackson
Mr. Steve Lowder	Mr. Leslie McIntosh

Tennessee*Facilitators*

Ms. Jennifer Brown - Agricultural Policy Analysis Center, University of Tennessee
 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	

Texas - Panhandle*Facilitators*

Mr. Rick Auckerman - County Extension Agent, Castro County

Panel Participants

Mr. Donny Carpenter	Mr. Coby Gilbreath
Ms. Rosie Kleman	Mr. Lance Loudder
Mr. Greg Sides	Mr. Andy Williams

Texas - Southern Blackland Prairie*Facilitators*

Mr. Ronnie Leps - County Extension Agent, Williamson County

Panel Participants

Mr. Bob Bartosh	Mr. Herbert Raesz
Mr. Doug Schernik	Mr. Ken Seggern
Mr. Donald Stolte	

FEED GRAIN FARMS (CONTINUED)**Texas - Southwest***Facilitators*

Mr. Kenneth White - County Extension Agent, Uvalde County

Panel Participants

Mr. Jimmy Carnes

Mr. Austin Clary

Mr. Lawrence Friesenhahn

Mr. Mark Landry

Mr. James Parker

WHEAT FARMS**Colorado***Facilitators*

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

Panel Participants

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

Kansas - Northwest*Facilitators*

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

Panel Participants

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

Kansas - South Central*Facilitators*

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

Panel Participants

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

Montana - North Central*Facilitators*

Mr. Lochiel Edwards

Panel Participants

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

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 Guscette	Mr. Raymond Haugen
Mr. Greg Shanenko	Mr. Anthony Thilmony
Mr. Arvid Winkler	

WHEAT FARMS (CONTINUED)**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

Washington*Facilitators*

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

Panel Participants

Mr. Dan Hille

Mr. Tim Smith

Mr. Alan Koch

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. Tom Cocking

Mr. Brian Largent

Mr. Clark Miller

Mr. Randy Suess

Mr. Del Teade

Mr. Jon Whitman

Mr. Asa Clark

Mr. David Harlow

Mr. Gary Largent

Mr. Bruce Nelson

Mr. David Swanneck

Mr. Steve Teade

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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

Mr. 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. Eddie McGriff - County Extension Coordinator, Decatur County
Mr. Brad Mitchell - County Extension Coordinator, Mitchell County
Dr. Don Shurley - Professor, University of Georgia

Panel Participants

Mr. John Bridges, Jr.
Mr. Charles A. Collins
Mr. Scott E. Vann

Mr. Bryant Collins
Mr. Keith Griffin

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. R. H. "Bob" Pleasants - County Extension Agent, Wayne County

Panel Participants

Mr. Daryl Anderson

Mr. Willie Howell

Mr. Danny C. Pierce

Mr. Bryant Worley

Mr. Landis Brantham, Jr.

Mr. David B. Mitchell, Sr.

Mr. Craig West

Tennessee*Facilitators*

Ms. Jennifer Brown - Agricultural Policy Analysis Center, University of Tennessee

Mr. Jim Castellaw - Extension Area Specialist, Farm Management

Dr. Chism Craig - University of Tennessee

Mr. Chuck Danehower - Extension Area Specialist, Farm Management

Ms. Tracey Sullivan

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

Mr. Jeff Via - County Extension Director, Fayette County

Panel Participants

Mr. Harris Armour, III

Mr. Dewayne Hendrix

Mr. Allen King

Mr. Travis Lonon

Mr. Ronald Woods

Mr. R. Morris English, Jr.

Mr. Tom Karcher

Mr. John King

Mr. William E. Powers

Texas - Coastal Bend*Facilitators*

Dr. Larry Falconer - Extension Economist - Management, Texas A&M University

Mr. Mark Miller - Chief Operations Officer, Texas AgFinance

Mr. Jeff Nunley - Executive Director, South Texas Cotton & Grain Association

Mr. John Parker - Vice President, Texas AgFinance

Mr. Jeffrey Stapper - County Extension Agent, San Patricio County and Aransas County

Panel Participants

Mr. Marvin Beyer, Jr.

Mr. Clarence Chopelas

Mr. Joel Hoskinson

Mr. Larry McNair

Mr. Mark Morris

Mr. Brad Bickham

Mr. Jimmy Dodson

Mr. Wayne Lambert

Mr. Andrew Miller

Mr. Darby Salge

Texas - Eastern Caprock*Facilitators*

Mr. Jason Cox - Vice President, Ag Texas Farm Credit Services

Panel Participants

Mr. Lloyd Arthur

Mr. Edwin Moore

Mr. Brooks Ellison

Mr. Marvin Schoepf

Texas - Mid Coast*Facilitators*

Mr. Jeff Nunley - Executive Director, South Texas Cotton & Grain Association

Panel Participants

Mr. Daniel Gavaronic

Mr. Keith Johnson

Mr. Mark Malaer

Mr. Joe Jenkins

Mr. Rob Kainer

Mr. Dwain Nunley

COTTON FARMS (CONTINUED)**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. Sean Smith - Credit Office President, First Ag Credit

Panel Participants

Mr. Michael Carlson

Mr. Roy Carlson

Mr. Steve Hoffman

Mr. Harold Sides

Texas - Rio Grande Valley*Facilitators*

Mr. Reagan Florence - Exec. VP - Chief Lending 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. Stan Bevers - Extension Economist - Management, Texas A&M University

Mr. Mike Sloan - Regional Vice President, First Ag Credit

Mr. Todd Vineyard - County Extension Agent, Jones County

Panel Participants

Mr. Dennis Olson

Mr. Ronnie Richmond

Mr. Ronnie Riddle

Mr. Dale Spurgin

Mr. Ferdie Walker

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. Brad Boyd

Mr. Jerry Chapman

Mr. Terry Coleman

Mr. Mark Furlow

Mr. Kent Nix

Mr. Johnny Ray Todd

Mr. Donald Vogler

Arkansas - East Central-Arkansas County

Facilitators

Mr. Bill Free - Riceland Foods, Inc.

Panel Participants

Mr. Derek Bohanan

Mr. Jerry Burkett

Mr. David Jessup

Mr. Monty Bohanan

Mr. Dusty Hoskyn

Arkansas - East Central-Cross County

Facilitators

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

Panel Participants

Mr. Bryan Holmes, Jr.

Mr. Roger Pohlner

Mr. Bryan Moery

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. Michael Curetor

Mr. Marvin Hare, Jr.

Mr. Kyle Baltz

Mr. Terry Gray

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. Mike Bryant

Mr. Tom Coleman

Mr. Steve Rystrom

Mr. Lance Tennis

Mr. Mike Boeger

Mr. Lee Carrico

Mr. Rod Rold

Mr. George Sligar

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. Francis Hickel

Mr. Mike Lux

Mr. Joe Struckmeyer

Mr. Bob Freed

Mr. Leo LaGrande

Mr. Charles Marsh

Mr. Robert Sutton

RICE FARMS (CONTINUED)**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

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 East*Facilitators*

Mr. David Guethle - Area Agronomy Specialist, University of Missouri

Panel Participants

Mr. Tom Jennings	Mr. Scott Wheeler
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Missouri - Bootheel West*Facilitators*

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

Panel Participants

Mr. Jim Bieller	Mr. Rodney Eaker
Mr. Rusty Eaker	Mr. C.P. Johnson
Mr. Frank Smody	

RICE FARMS (CONTINUED)**Texas - Bay City-Matagorda County***Facilitators*

Mr. Brent Batchelor - County Extension Agent, Matagorda County

Panel Participants

Mr. Lee Bossley

Mr. Mike Burnside

Mr. Curt Mowery

Mr. Paul Sliva

Mr. Donnie Bulanek

Mr. Billy Mann

Mr. Joey Sliva

Texas - Eagle Lake-Colorado County*Panel Participants*

Mr. Andy Anderson

Mr. Kenneth Danklefs

Mr. Jason Hlavinka

Mr. John Waligura

Mr. Steve Balas

Mr. W.A. "Billy" Hefner, III

Mr. Patrick Pavlu

Mr. Brian Wiese

Texas - El Campo-Wharton County*Panel Participants*

Mr. L.G. Raun

Mr. Glen Rod

Mr. Layton Raun

Mr. Robert Shoemate

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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. Morris Jackson
Mr. Kevin Koon
Mr. Keith Shiver

Mr. Dwayne Koon
Mr. Brian McAdams

Florida - South

Facilitators

Mr. Art Darling - Sunshine State Milk

Panel Participants

Mr. Bob Butler
Mr. Keith Rucks
Mr. Bob Rydzewski

Mr. Woody Larson
Mr. Sutton Rucks, Jr.

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 County Program Director, Dade County

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. Marc Reischman

Ms. Hilary Sullivan

Panel Participants

Mr. Isaak Bos

Mr. Jim Hoffman

Mr. Marc Reischman

Mr. Joe Gonzalez

Mr. Rocky Langley

New York - Central*Facilitators*

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

Panel Participants

Mr. Chuck Benson

Mr. Bill Kilcer

Mr. and Mrs. Mike McMahon

Mr. Kenton Patchen

Mr. Martin Young

Mr. and Mrs. Robert Howland

Mr. Mike Learn

Mr. Gary Mutschler

Mr. Robert Space

New York - Western*Facilitators*

Mr. Steve Richards - Cornell Cooperative Extension

Panel Participants

Mr. Collin Broughton

Mr. Walter Faryns

Mr. Tom Fitch

Mr. John Noble

Ms. Kitty Dziedzic

Mr. Bill Fitch

Mr. Todd Galton

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. Leonard Moncrief

Mr. Jack Parks

Mr. Alan Vander Horst

Mr. Carson Lovoing

Ms. Leeann Moos

Ms. Nova Schouten

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. Allen Bullock

Mr. Okle Jongsma

Mr. Luke Oosterloo

Mr. Douwe Plantinga

Mr. Rene Couman

Mr. Jack Kempenaar

Mr. Scott Opitz

Mr. Pete Van Ryn

DAIRY FARMS (CONTINUED)**Texas - South Plains***Facilitators*

Mr. Curtis Preston

Dr. Robert Schwart - Professor and Extension Economist, Texas A&M University

Panel Participants

Mr. Brian Boehning

Mr. Larry Hancock

Mr. Mark Long

Mr. Randy Martin

Mr. Reed Mulliken

Vermont*Facilitators*

Mr. Ken Becker - University of Vermont

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

Panel Participants

Mr. Paul Bourbeau

Mr. David Conant

Mr. Ashley Farr

Mr. Ted Foster

Mr. Kim Harvey

Mr. Steve Hurd

Mr. Steven Jones

Mrs Polly McEwing

Mr. Stanley Scribner

Mr. Onan Whitcomb

Washington*Facilitators*

Mr. Craig MacConnell - Extension Faculty, Whatcom County

Panel Participants

Mr. Dick Bengen

Mr. Ron Bronsema

Mr. Rod De Jong

Mr. Larry DeHaan

Mr. Ed Pomeroy

Mr. Jeff Rainey

Mr. John Steensma

Mr. Peter Vlas

Wisconsin*Facilitators*

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

Panel Participants

Mr. Chris Bonlender

Mr. and Mrs. Douglas Hodorff

Mr. and Mrs. Charlie Knigge

Mr. Kevin Krentz

Mr. Joe Kuehnl

Mr. Larry Pollack

Mr. Rob Stone

BEEF PRODUCERS**California***Facilitators*

Mr. Larry Forero - Farm Advisor, Livestock and Natl. Res., California Cooperative Extension
 Dr. Marc Horney - Certified Range Manager, California State University, Chico
 Mr. Glenn Nader - Farm Advisor, Livestock and Natl. Res., California Cooperative Extension
 Dr. Jim Oltjen - Cooperative Extension Scientist, UC-Davis Animal Science

Panel Participants

Mr. Dick O'Sullivan
 Mr. Louis Venturini

Mr. Wally Roney

Colorado*Facilitators*

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

Panel Participants

Mr. Geoff Blakesley
 Mr. Jay Fetcher
 Mr. Jim Rossi

Mr. Doug Carlson
 Mr. Larry Monger
 Mr. Wayne Shoemaker

Florida*Facilitators*

Mr. John Earman

Panel Participants

Mr. Mike Adams
 Mr. Alan Kelley
 Dr. Fred Tucker

Dr. Judy Lisle Bozeman
 Mr. Bert Tucker
 Mr. Wes Williamson

Missouri - Central*Facilitators*

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

Panel Participants

Mr. George A. Barnitz
 Mr. Paul Heithold

Mr. G. Douglas Black
 Mr. Ken Lenox

Missouri - Southwest*Facilitators*

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

Panel Participants

Mr. Steve Allison
 Mr. Randall Erisman
 Mr. Gary D. Wolf

Mr. Chuck Daniel
 Mr. James A. Nivens

Montana*Facilitators*

Mr. Kent Williams - County Extension Agent, Custer County

Panel Participants

Mr. Clarence Brown
 Mr. Alyn Haughian
 Mr. Scot Robinson

Mr. Art Drange
 Mr. Jeff Okerman

BEEF PRODUCERS (CONTINUED)**Nevada***Facilitators*

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

Panel Participants

Mr. and Mrs. Scott Ballard	Mr. and Mrs. Wilde Brough
Mr. Peter Church	Mr. 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. Toby Oliver - County Extension Agent, Dickens County
 Mr. Rebel Royall - County Extension Agent, Stonewall County

Panel Participants

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. Michael Kuck

Mr. Brian Fink

Mr. William L. Quinney

Wyoming*Facilitators*

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

Panel Participants

Mr. Tom Brewster

Mr. Dan Rice

Mr. Tim Flitner

Mr. Gary Rice