
***Farm Level Analysis of Selected Provisions
of the House Agriculture Committee and Senate
Farm Bills Using FAPRI's Projected Prices in
their August 2012 Farm Bill Analysis***

**Working Paper 12-3
August 2012**



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

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Introduction

This report provides the results of farm level analyses of the House Agriculture Committee and Senate Farm Bills and is a companion to the sector level analysis of the bills developed by FAPRI entitled *Impacts of Selected Provisions of the House Agriculture Committee and Senate Farm Bills*. The sector level results for the House and Senate bills were imposed on the 64 representative crop farms maintained by the Agricultural and Food Policy Center at Texas A&M University.

Description of Senate and House Farm Bill Provisions

This report follows an initial analysis of the House and Senate Committee passed bills completed by AFPC in July 2012. Those interested in a detailed description of the two bills are referred to the report titled *Economic Impacts of the Safety Net Provisions in the 2012 Senate and House Farm Bills on AFPC's Representative Crop Farms* available at www.afpc.tamu.edu.

There are two primary differences between this and the July report. First, this report utilizes recently developed sector level price changes in the representative farm analysis (Table 1). Secondly, this report adds the AGI limitation on crop insurance indemnities that was included as an amendment during the full Senate deliberations of their farm bill.

Table 1. FAPRI Price Estimates under House and Senate Committee-passed Farm Bills for Major Commodities Produced on AFPC Representative Farms, 2013-2017.

Scenario	Commodity	2013	2014	2015	2016	2017
House	Corn (\$/bu.)	4.74	4.79	4.81	4.82	4.79
Senate	Corn (\$/bu.)	4.72	4.77	4.79	4.81	4.79
House	Cotton (\$/lb.)	0.7627	0.7742	0.7909	0.8011	0.8019
Senate	Cotton (\$/lb.)	0.7626	0.7732	0.7903	0.8011	0.8017
House	Rice (\$/cwt.)	12.46	12.51	12.88	13.27	13.44
Senate	Rice (\$/cwt.)	12.83	13.10	13.45	13.73	13.83
House	Sorghum (\$/bu.)	4.59	4.65	4.70	4.72	4.69
Senate	Sorghum (\$/bu.)	4.58	4.63	4.68	4.71	4.69
House	Soybeans (\$/bu.)	11.46	11.41	11.35	11.49	11.54
Senate	Soybeans (\$/bu.)	11.42	11.36	11.32	11.46	11.49
House	Wheat (\$/bu.)	5.65	5.78	5.95	6.09	6.09
Senate	Wheat (\$/bu.)	5.65	5.82	6.01	6.13	6.12

Methodology

The analysis was conducted over the 2009-2017 planning horizon using FLIPSIM, AFPC's whole farm simulation model. The FLIPSIM model incorporates the historical risk faced by farmers for prices and production so the safety net aspects of the bills can be compared. Several years of historical data are included in the analysis to ensure the results are tracking the financial outcomes experienced in the recent past.

Data to simulate farming 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 farms located in major production regions across the United States (Figure 1). The representative farms are categorized by their primary source of receipts, i.e., feedgrains, cotton, rice and wheat. Information to describe and simulate these farms comes from a panel of farmers in each local area. The farm panels are reconvened frequently to update their farm's data. The representative farm database has been used for policy analysis for nearly 30 years. Tables summarizing the physical and financial characteristics of each farm are included in Appendix A. The current crop mix, receipts, acreage, and assets for the farms are presented in the tables. 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. Additional information about the representative farms can be found in Richardson, et al, 2012.
- Projected prices, policy variables, and input inflation rates from the Food and Agricultural Policy Research Institute (FAPRI).

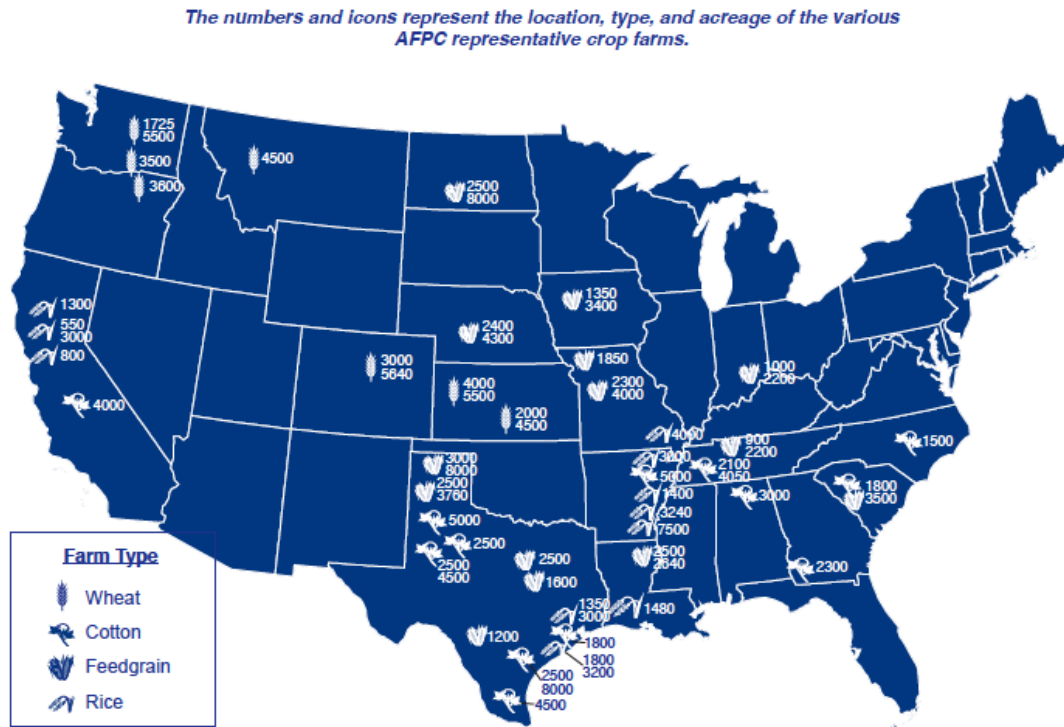


Figure 1. Location and Size of AFPC Representative Farms and Classification.

Key Assumptions

- All farms classified as moderate scale are the size (acres) 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.
- Historical crop yields and prices (2009-2011) were based on actual values obtained from the producers. Crop yields for 2012-2017 were simulated stochastically based on the average yields provided by the producers and the historical yield variability for the farm. FAPRI's prices were localized for the farms and used as the average prices for 2012-2017 to simulate stochastic crop prices.
- The farms were analyzed with the 2008 Farm Bill provisions in place through 2012. From 2013 to 2017, each of the 64 farms was analyzed assuming the provisions of the Senate or House packages. The 2008 Farm Bill payment limit

provisions were in place. Starting in 2013, all farms are subject to the applicable payment limits from the Senate and House packages.

- No off-farm 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.
- Each farm was assumed to start the analysis with 20% debt.
- All crop farms are assumed to carry crop insurance with products and coverage levels common to their area.
- All farms were assumed to be eligible for 2 individual payment limits.

Scenarios Analyzed

Both the Senate and House Farm Bill packages discussed previously were analyzed using the representative farms for the following scenarios:

- Senate Farm Bill assuming individual level coverage selected in the ARC program along with SCO analyzed with FAPRI sector level prices;
- Senate Farm Bill assuming county level coverage selected in the ARC program along with SCO analyzed with FAPRI sector level prices;
- House Farm Bill assuming revenue loss coverage (RLC) selected and analyzed with FAPRI sector level prices;
- House Farm Bill assuming price loss coverage (PLC) along with SCO and analyzed with FAPRI sector level prices;
- STAX for cotton was assumed to be in place for all farms growing cotton under both the House and Senate Farm Bills.

Definitions of Variables in the Summary Tables

- **Loan Deficiency Payments** -- 2013-2017 average annual marketing loan gains/LDPs payments.
- **ARC or PLC or RLC Payments** -- 2013-2017 average annual Agriculture Risk Coverage, Price Loss Coverage, and Revenue Loss Coverage Payments.
- **Government Payments** -- 2013-2017 average annual ARC, PLC, RLC, and marketing loan gains/LDPs for the Alternatives.
- **STAX Net Payments** -- 2013-2017 average annual Stacked Income Protection Plan net payments for upland cotton.
- **SCO Net Payments** -- 2013-2017 average annual Supplemental Coverage Option (SCO) net payments equal SCO insurance indemnities minus SCO premiums.
- **Net Cash Farm Income (NCFI)** -- 2013-2017 average net cash farm income equals average total receipts minus average total cash expenses.
- **Real Net Worth 2017** -- total assets including land minus total debt from all sources adjusted for inflation is reported at the end of 2017.
- **AGI 3 Year Moving Average** -- 2013-2017 annual average of a three year moving average of Adjusted Gross Income (AGI).
- **Probability of Exceeding AGI Limit** -- The probability that the farm's AGI exceeds the AGI limit for receiving government payment over the 2013-2017 period.

Results

The summary tables referenced throughout this section were developed assuming the operators would choose the alternative with the higher average net cash farm income (NCFI) over the life of the farm bill as opposed to a lower net cash farm income. Summary tables were developed to consider the specific choices producers could make in both the Senate and House Farm Bills. Finally, a comparison is made regarding the most preferred Senate option and the most preferred House option. In preliminary analyses, 25 out of 27 representative farms with cotton chose STAX over SCO. Therefore, the assumption was made throughout this report that any cotton on any farm would be in STAX.

Senate Farm Bill

Tables 2 – 5 contain summary results of the Senate Farm Bill package. The Senate Farm Bill has two different choices that were analyzed. First, producers can choose between individual level versus county level ARC coverage. Table 2 indicates that of the 62 representative farms, 22 would prefer individual level ARC coverage and 40 would prefer county level ARC coverage, (two farms [TXSP2500 and ARNC5000] are 100% cotton so they are in STAX only for the entire farm). The cotton farms that would choose individual versus county coverage (8 to 6) would be choosing individual level coverage on all of their crops other than cotton. The 62 representative farms that had a preference for ARC based on individual versus county yields are presented in Figure 2. In general farms in the West and along the Mississippi river appear to favor county-based ARC over using their individual yields. The numbers represent the average amount that the NCFI for the farm is higher for the option the farm chose (the color) over the other option. On all maps, the top number in a cluster of two represents the results for the moderate size farm for the area and the bottom number is for a farm that is representative of large farms in the area.

The differences in NCFI regardless of the choice between individual level coverage and county level ARC coverage are relatively small. Table 3 illustrates that for the 22 farms that chose individual level ARC coverage the average difference in NCFI compared to county level coverage is \$2,100 per year. The county level choice results in slightly larger differences across commodities, but the differences are still relatively small.

Table 2. Number of Representative Farms That Would Prefer Individual versus County Level Coverage Based on NCFI in the Senate ARC Farm Bill Package Assuming FAPRI Projected Prices.

	Individual Coverage	County Coverage
Total by Preference¹	22	40
Feedgrain/Oilseed	7	16
Wheat	3	8
Cotton	8	6
Rice	4	10

¹ Two farms, the small Texas southern plains cotton farm TXSP2500 and the Arkansas cotton farm ARNC5000 are 100% cotton and would only be enrolled in STAX. Therefore, there would be no difference between the alternatives.

Table 3. Average Annual Increase in Net Cash Farm Income from 2013-2017 in \$1,000s for a Representative Farm That Chose Individual or County Level Coverage in the Senate Package Assuming FAPRI Projected Prices.

	Individual Coverage \$1,000	County Coverage \$1,000
Total by Preference	2.1	2.5
Feedgrain/Oilseed	2.8	2.5
Wheat	1.9	2.5
Cotton	1.7	2.0
Rice	1.9	2.8

The Senate Farm Bill package gives producers a second choice that allows producers to opt out of ARC coverage in exchange for a larger payment band on SCO coverage. This summary compared the highest NCFI among Senate ARC options (individual or county) versus the SCO payment associated with the PLC option in the House Farm Bill. The SCO option associated with the PLC House Farm Bill option has the same payment band as the “opt out” option in the Senate Farm Bill. Table 4 indicates that 45 out of 62 farms would have a higher NCFI, on average, if they opted out of the Senate ARC program in favor of the larger payment band on SCO coverage.

Farm Type

- Wheat
- Cotton
- Feedgrain
- Rice

Legend

- Red = Individual
- Yellow = County
- NA = Not Relevant

Table 5 provides an indication of the amount of difference the choice would make. If a farm chose one of the ARC options, on average its NCFI would be \$6,300 higher than the “opt out” NCFI. However, of the 45 farms that would choose to “opt out” of ARC, their average NCFI would be \$21,300 more than either of the ARC options. Figure 3 provides a geographic representation of each farm’s choice along with the average difference that the choice would make in the farm’s NCFI.

Table 4. Number of Representative Farms that Would Prefer the ARC Plan versus Opting Out of ARC for More SCO Coverage in the Senate Farm Bill Package Assuming FAPRI Projected Prices.

	Senate ARC	“Opt Out” of ARC for More SCO Coverage
Total by Preference¹	17	45
Feedgrain/Oilseed	3	20
Wheat	2	9
Cotton	6	8
Rice	6	8

¹ Two farms, the small Texas southern plains cotton farm TXSP2500 and the Arkansas cotton farm ARNC5000 are 100% cotton and would only be enrolled in STAX. Therefore, there would be no difference between the alternatives.

Table 5. Average Difference in Net Cash Farm Income for Representative Farms that Would Prefer the ARC Plan or Opting Out of ARC for More SCO Coverage in the Senate Farm Bill Package Assuming FAPRI Projected Prices (\$1000s).

	Senate ARC	“Opt Out” of ARC for More SCO Coverage
Total by Preference	6.3	21.3
Feedgrain/Oilseed	3.2	31.6
Wheat	3.0	6.8
Cotton	12.7	12.7
Rice	2.6	20.5

Farm Type

- Wheat
- Cotton
- Feedgrain
- Rice

House Farm Bill

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Table 6. Number of Representative Farms That Would Prefer the Revenue Loss Coverage (RLC) versus Price Loss Coverage (PLC) Programs Based on Net Cash Farm Income in the House Farm Bill Package Assuming FAPRI Projected Prices.

	RLC	PLC
Total by Preference¹	0	62
Feedgrain/Oilseed	0	23
Wheat	0	11
Cotton	0	14
Rice	0	14

¹ Two farms, the small Texas southern plains cotton farm TXSP2500 and the Arkansas cotton farm ARNC5000 are 100% cotton and would only be enrolled in STAX. Therefore, there would be no difference between the alternatives.

Table 7 provides the average difference in NCFI for the PLC option versus RLC. Across the 62 farms analyzed, the average difference in NCFI between the two options was \$83,500 per year with the difference for the rice farms being the largest at just over \$119,000 per year.

Table 7. Average Annual Increase in Net Cash Farm Income from 2013-2017 in \$1,000s if a Representative Farm Chose PLC Over RLC in the House Farm Bill Package Assuming FAPRI Projected Prices.

	Average NCFI for PLC Minus NCFI for RLC \$1,000
Total by Preference	83.5
Feedgrain/Oilseed	76.0
Wheat	65.4
Cotton	74.4
Rice	119.0

Overall Preference – Senate versus House

The final set of tables compares the most preferred Senate Farm Bill option (e.g., individual level or county level ARC or “opt out” of ARC for a larger payment band on SCO coverage) with the most preferred House Farm Bill option – PLC (based on 100% of the farms preferring PLC to RLC in Table 6). As indicated in Table 8 and Figure 4, 60 of the 64 farms (this number includes the two 100% cotton farms that prefer the House version of STAX) would prefer the House PLC option over the most preferred Senate option. The four farms that would prefer the Senate option are all rice farms located in California.

The average difference in NCFI between the most preferred House option (PLC) and the most preferred Senate option is \$54,800 per year. The average difference for the four rice farms that prefer the Senate option is slightly smaller.

Table 8. The Number of Representative Farms That Would Choose the Best Option in the Senate Farm Bill Package or the Best Option from the House Farm Bill Package Based on Net Cash Farm Income Assuming FAPRI Projected Prices.

	Best Senate Option	Best House Option
All 64 Farms	4	60
Feedgrain/Oilseed	0	23
Wheat	0	11
Cotton	0	16
Rice	4	10

Table 9. The Average Difference in Net Cash Farm Income for the Best Option in the House Farm Bill Package Over the Best Option from the Senate Farm Bill Package Assuming FAPRI Projected Prices (\$1,000s).

	House Best Option Minus Senate Best Option \$1,000	Senate Best Option Minus Senate Best Option \$1,000
All 64 Farms	54.8	49.8
Feedgrain/Oilseed	32.5	N/A
Wheat	39.7	N/A
Cotton	77.3	N/A
Rice	86.7	49.8

The numbers represent the benefit in terms of average 2013-2017 annual NCFI in (\$1,000) from choosing the House PLC program over the most preferred plan from the Senate farm bill package. The House PLC program was preferred in all instances.

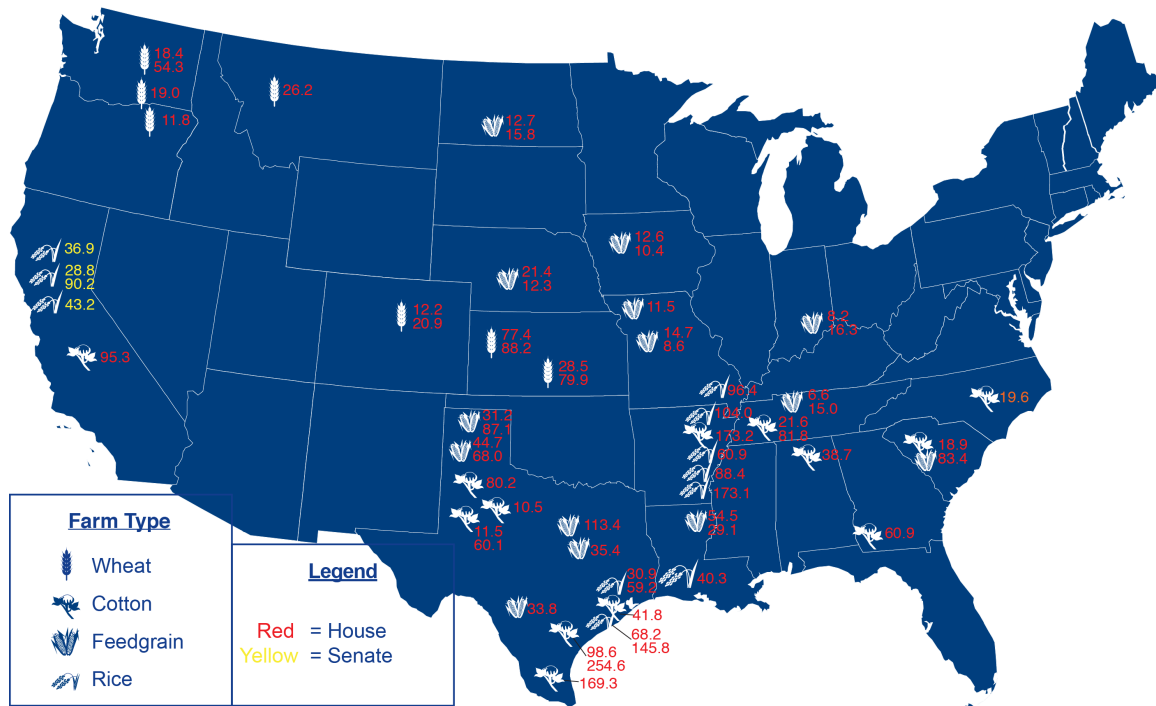


Figure 4. Results Indicating the Representative Farm's Preference for the House Over the Senate Safety Net Package.

Summary and Conclusions

AFPC's 64 representative crop farms were used to analyze the Title I and XI safety net provisions of the Senate and House Farm Bill packages under FAPRI's sector level price projections. The farm's preference for one policy alternative over another was based on the alternative with the higher average net cash farm income (NCFI) over the life of the farm bill. This report considered the combined government support of Title I programs (ARC, PLC, and RLC) with the SCO and STAX choices in Title XI. In addition, both AGI and individual payment limits were taken into consideration.

Given FAPRI's sector level price projections, more of the representative farms would prefer the county-based ARC program over the individual yield based ARC program in the Senate. A large number of the representative farms would prefer to opt out of either ARC program in favor of an SCO option with the wider payment band. The representative farms would prefer the House PLC option to the RLC option primarily due to RLC not including the SCO option. Under sector level prices projected by FAPRI, 60 of the 64 representative farms would prefer the House PLC option over any Senate option.

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APPENDIX A: CHARACTERISTICS OF REPRESENTATIVE FARMS

2011 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 880 acres of corn and 470 acres of soybeans annually. Seventy-seven percent of this farm's 2011 receipts come from corn production.
- IAG3400** This 3,400-acre large-sized grain farm is located in northwestern Iowa (Webster County). It plants 2,040 acres of corn and 1,360 acres of soybeans each year, realizing 74 percent of receipts from corn production.
- NEG2400** South central Nebraska (Dawson County) is home to this 2,400-acre grain farm. This farm plants seventy-five percent of cultivated acres to corn and twenty-five percent to soybeans. The farm splits its corn acres evenly between yellow and white food-grade corn. Eighty-three percent of gross receipts are derived from corn sales.
- NEG4300** This is a 4,300-acre grain farm located in south central Nebraska (Dawson County). This operation plants 2,580 acres of corn and 1,290 acres of soybeans each year. Remaining acres are planted to alfalfa. A portion (25 percent) of the corn acreage is food-grade corn. In 2011, 73 percent of total receipts were generated from corn production.
- NDG2500** NDG2500 is a 2,500-acre, moderate-sized, south central North Dakota (Barnes County) grain farm that plants 500 acres of wheat, 500 acres of corn, and 1,500 acres of soybeans. One hundred acres are enrolled in the Conservation Reserve Program. The farm generated 48 percent of 2011 receipts from soybean sales.
- NDG8000** This is an 8,000-acre, large-sized grain farm in south central North Dakota (Barnes County) that grows 4,000 acres of soybeans, 2,450 acres of corn, 1,000 acres of wheat, and 300 acres of sunflowers annually. The remaining acreage is enrolled in the Conservation Reserve Program. Soybean and corn sales accounted for 84 percent of 2011 receipts.
- ING1000** Shelby County, Indiana, is home to this 1,000-acre moderate-sized feedgrain farm. This farm annually plants corn and soybeans in a 50/50 rotation. Due to this farm's proximity to Indianapolis, land development pressures will likely constrain further expansion of this farm's operations. Sixty-four percent of 2011 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 2011, 62 percent of gross receipts were generated by corn sales.

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

	IAG1350	IAG3400	NEG2400	NEG4300	NDG2500	NDG8000	ING1000	ING2200
County	Webster	Webster	Dawson	Dawson	Barnes	Barnes	Shelby	Shelby
Total Cropland	1,350.00	3,400.00	2,400.00	4,300.00	2,500.00	8,000.00	1,000.00	2,200.00
Acres Owned	340.00	850.00	600.00	1,075.00	600.00	3,500.00	300.00	770.00
Acres Leased	1,010.00	2,550.00	1,800.00	3,225.00	1,900.00	4,500.00	700.00	1,430.00
Assets (\$1000)								
Total	3,455.00	9,000.00	5,270.00	10,183.00	2,367.00	12,680.00	3,336.00	7,656.00
Real Estate	2,416.00	5,899.00	2,517.00	4,995.00	1,529.00	7,593.00	2,308.00	5,850.00
Machinery	484.00	1,728.00	1,409.00	3,125.00	415.00	3,408.00	389.00	638.00
Other & Livestock	555.00	1,373.00	1,344.00	2,062.00	423.00	1,679.00	639.00	1,167.00
Debt/Asset Ratios								
Total	0.15	0.15	0.12	0.16	0.11	0.18	0.10	0.10
Intermediate	0.38	0.31	0.20	0.28	0.02	0.31	0.17	0.03
Long Run	0.14	0.14	0.14	0.14	0.16	0.15	0.10	0.11
2011 Gross Receipts (\$1,000)*								
Total	1,261.80	2,891.30	2,781.70	4,435.10	1,193.40	4,226.30	812.60	1,821.20
Corn	966.50	2,133.70	2,314.30	3,216.50	402.10	1,901.10	518.00	1,132.90
	0.77	0.74	0.83	0.73	0.34	0.45	0.64	0.62
Wheat	0.00	0.00	0.00	0.00	211.00	467.20	1.00	0.00
	0.00	0.00	0.00	0.00	0.18	0.11	0.00	0.00
Soybeans	295.20	757.60	467.40	932.30	576.90	1,650.50	293.60	688.30
	0.23	0.26	0.17	0.21	0.48	0.39	0.36	0.38
Hay	0.00	0.00	0.00	286.30	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
Other Receipts	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011 Planted Acres**								
Total	1,350.00	3,400.00	2,400.00	4,300.00	2,600.00	8,000.00	1,000.00	2,200.00
Corn	880.00	2,040.00	1,800.00	2,580.00	500.00	2,450.00	500.00	1,100.00
	0.65	0.60	0.75	0.60	0.19	0.31	0.50	0.50
Wheat	0.00	0.00	0.00	0.00	500.00	1,000.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.19	0.13	0.00	0.00
Soybeans	470.00	1,360.00	600.00	1,290.00	1,500.00	4,000.00	500.00	1,100.00
	0.35	0.40	0.25	0.30	0.58	0.50	0.50	0.50
Hay	0.00	0.00	0.00	430.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
CRP	0.00	0.00	0.00	0.00	100.00	250.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.04	0.03	0.00	0.00

*Receipts for 2011 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 2011 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.

2011 PANEL FARMS PRODUCING FEED GRAINS AND OILSEEDS

- MOCG2300** MOCG2300 is a 2,300-acre grain farm located in central Missouri (Carroll County) and plants 1,150 acres of corn and 1,150 acres of soybeans annually. This farm is located in the Missouri River bottom, an area with a large concentration of livestock production. This farm generated 61 percent of its total revenue from corn and 39 percent from soybeans during 2011.
- MOCG4000** This is a 4,000-acre central Missouri (Carroll County) grain farm with 2,000 acres of corn and 2,000 acres of soybeans. This farm is located in the Missouri River bottom, an area with a large concentration of livestock production. Corn sales accounted for 58 percent of farm receipts and soybeans accounted for 42 percent in 2011.
- 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 2011, 52 percent of the farm's total receipts were from corn, 33 percent from soybeans, and 13 percent from cattle sales.
- LAG2640** This is a 2,640-acre diversified farm located in north Louisiana (Morehouse Parish). LAC2640 plants 264 acres of cotton and wheat, 1,056 acres of corn, and 1,188 acres of soybeans each year. During 2011, 79 percent of farm receipts were generated from corn and soybean sales.
- LANG2500** This is a 2,500-acre, large-sized northeast Louisiana (Madison Parish) diversified grain farm. This farm harvests 500 acres of rice, 800 acres of soybeans, 250 acres of cotton, and 950 acres of corn. For 2011, 57 percent of farm receipts came from corn and soybean sales.
- 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-five percent of 2011 farm receipts were from sales of corn.
- TNG2200** West Tennessee (Henry County) is home to this 2,200-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. TNG2200 plants 1,100 acres of corn, 300 acres of wheat, and 1,100 acres of soybeans (300 of which are double-cropped after wheat). The farm generated 58 percent of its 2011 gross receipts from sales of corn and 33 percent from soybeans.
- SCG3500** A 3,500-acre, large-sized South Carolina (Clarendon County) grain farm with 1,400 acres of corn, 875 acres of cotton, 1,225 acres of wheat, and 1,225 acres of soybeans double-cropped after wheat. The farm generated 34 percent of 2011 receipts from corn sales and 16 percent from soybean sales.

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

	MOCG2300	MOCG4000	MONG1850	LAG2640	LANG2500	TNG900	TNG2200	SCG3500
County	Carroll	Carroll	Nodaway	Morehouse	Madison	Henry	Henry	Clarendon
Total Cropland	2,300.00	4,000.00	1,850.00	2,640.00	2,500.00	900.00	2,200.00	3,500.00
Acres Owned	1,380.00	2,000.00	950.00	0.00	1,250.00	150.00	550.00	1,400.00
Acres Leased	920.00	2,000.00	900.00	2,640.00	1,250.00	750.00	1,650.00	2,100.00
Pastureland								
Acres Owned	0.00	0.00	600.00	0.00	0.00	0.00	0.00	1,400.00
Acres Leased	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00
Assets (\$1000)								
Total	12,091.00	19,824.00	8,024.00	1,676.00	7,108.00	1,948.00	4,306.00	10,038.00
Real Estate	9,885.00	16,350.00	6,554.00	600.00	4,654.00	1,055.00	2,375.00	7,570.00
Machinery	948.00	986.00	627.00	855.00	1,518.00	460.00	1,261.00	1,015.00
Other & Livestock	1,258.00	2,487.00	843.00	221.00	936.00	434.00	670.00	1,453.00
Debt/Asset Ratios								
Total	0.11	0.11	0.11	0.23	0.15	0.12	0.11	0.14
Intermediate	0.16	0.18	0.11	0.33	0.33	0.13	0.10	0.22
Long Run	0.11	0.11	0.12	0.15	0.12	0.15	0.13	0.16
Number of Livestock								
Beef Cows	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00
2011 Gross Receipts (\$1,000)*								
Total	1,686.90	2,442.20	1,361.30	2,262.20	2,433.70	630.60	1,324.50	3,167.90
Cattle	0.00	0.00	171.00	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
Corn	1,025.00	1,407.40	706.00	1,076.80	1,011.20	408.90	770.30	1,076.80
	0.61	0.58	0.52	0.48	0.42	0.65	0.58	0.34
Wheat	0.70	1.50	0.00	110.50	0.00	38.80	111.60	654.80
	0.00	0.00	0.00	0.05	0.00	0.06	0.08	0.21
Soybeans	661.20	1,033.40	447.90	704.10	375.80	180.30	442.60	519.90
	0.39	0.42	0.33	0.31	0.15	0.29	0.33	0.16
Cotton	0.00	0.00	0.00	337.30	292.60	0.00	0.00	916.40
	0.00	0.00	0.00	0.15	0.12	0.00	0.00	0.29
Hay	0.00	0.00	26.70	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
Other Receipts	0.00	0.00	9.80	0.00	0.00	2.50	0.00	0.00
	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
2011 Planted Acres**								
Total	2,300.00	4,000.00	2,850.00	2,772.00	2,500.00	1,000.00	2,500.00	4,725.00
Corn	1,150.00	2,000.00	900.00	1,056.00	950.00	500.00	1,100.00	1,400.00
	0.50	0.50	0.32	0.38	0.38	0.50	0.44	0.30
Wheat	0.00	0.00	0.00	264.00	0.00	100.00	300.00	1,225.00
	0.00	0.00	0.00	0.10	0.00	0.10	0.12	0.26
Soybeans	1,150.00	2,000.00	900.00	1,188.00	800.00	400.00	1,100.00	1,225.00
	0.50	0.50	0.32	0.43	0.32	0.40	0.44	0.26
Cotton	0.00	0.00	0.00	264.00	250.00	0.00	0.00	875.00
	0.00	0.00	0.00	0.10	0.10	0.00	0.00	0.19
Hay	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00
CRP	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
Improved Pasture	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00

*Receipts for 2011 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 2011 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.

2011 PANEL FARMS PRODUCING FEED GRAINS AND OILSEEDS

- TXNP3000** This is a 3,000-acre diversified grain farm located on the northern High Plains of Texas (Moore County). This farm plants 630 acres of cotton, 960 acres of irrigated corn, 240 acres of irrigated sorghum for seed production, and 870 acres of irrigated wheat annually. Fifty percent of total receipts are generated from corn sales.
- TXNP8000** TXNP8000 is a large-sized diversified grain farm located in the northern Texas Panhandle (Moore County). This farm annually plants 1,872 acres of irrigated cotton, 3,120 acres of irrigated corn, 867 acres of sorghum (587 acres of dryland and 280 acres of irrigated production for seed), and 1,555 acres of winter wheat (968 acres irrigated and 587 acres dryland). Fifty-seven percent of 2011 cash receipts were derived from corn sales.
- TXPC2500** The Texas Panhandle is home to this 2,500-acre farm (Deaf Smith County). Annually, wheat is planted on 1,242 acres (875 irrigated and 327 dryland), 875 acres planted to irrigated corn, 200 irrigated acres are planted to cotton, and grain sorghum is planted on 183 dryland acres. Sixty-four percent of 2011 cash receipts were generated by corn sales.
- TXPG3760** TXPG3760 is a predominately irrigated farm located in the Texas Panhandle (Castro County). Annually, 1,878 acres are planted to corn and 564 acres are planted to cotton. In 2011, 63 percent of cash receipts were generated from corn sales.
- TXHG2500** This 2,500-acre grain farm is located on the Blackland Prairie of Texas (Hill County). On this farm, 800 acres of corn, 900 acres of sorghum, 300 acres of cotton, and 500 acres of wheat are planted annually. Grain sales accounted for 67 percent of 2011 receipts with cotton accounting for 10 percent of sales. Forty beef cows live on 300 acres of improved pasture and contribute approximately three percent of total receipts. Due to the extreme drought in Texas in 2011, the farm received 20 percent of revenue from crop insurance indemnities.
- TXWG1600** This 1,600-acre farm is located on the Blackland Prairie of Texas (Williamson County). TXWG1600 plants 750 acres of corn, 300 acres of sorghum, 400 acres of cotton, and 150 acres of winter wheat annually. Additionally, this farm has a 40-head beef cow herd that is pastured on rented ground that cannot be farmed. Feedgrain sales accounted for 22 percent of 2011 receipts with cotton accounting for 40 percent of sales. Due to the extreme drought in Texas in 2011, the farm received 34 percent of revenue from crop insurance indemnities.
- TXUG1200** TXUG1200 is a grain farm located in Uvalde County, Texas. This farm plants 500 acres of corn, 300 acres of cotton, 250 acres of grain sorghum, and 150 acres of wheat each year. All crops except wheat are grown under irrigation. In 2011, feed grain sales accounted for 55 percent of farm receipts.

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

	TXNP3000	TXNP8000	TXPG2500	TXPG3760	TXHG2500	TXWG1600	TXUG1200
County	Moore	Moore	Deaf Smith	Castro	Hill	Williamson	Uvalde
Total Cropland	3,000.00	8,000.00	2,500.00	3,760.00	2,500.00	1,600.00	1,200.00
Acres Owned	450.00	1,300.00	1,875.00	1,311.00	400.00	150.00	0.00
Acres Leased	2,550.00	6,700.00	625.00	2,449.00	2,100.00	1,450.00	1,200.00
Pastureland							
Acres Owned	0.00	0.00	0.00	0.00	60.00	30.00	0.00
Acres Leased	0.00	0.00	0.00	0.00	240.00	170.00	0.00
Assets (\$1000)							
Total	2,235.00	7,001.00	4,392.00	5,358.00	2,098.00	1,257.00	307.00
Real Estate	975.00	2,694.00	2,458.00	3,834.00	1,150.00	752.00	0.00
Machinery	680.00	2,214.00	1,493.00	1,248.00	895.00	396.00	217.00
Other & Livestock	580.00	2,093.00	440.00	275.00	53.00	109.00	90.00
Debt/Asset Ratios							
Total	0.13	0.11	0.18	0.17	0.25	0.10	0.09
Intermediate	0.26	0.19	0.27	0.25	0.23	0.00	0.12
Long Run	0.13	0.12	0.16	0.16	0.16	0.16	0.00
Number of Livestock							
Beef Cows	0.00	0.00	0.00	0.00	40.00	40.00	0.00
2011 Gross Receipts (\$1,000)*							
Total	2,102.70	5,970.70	1,966.30	4,377.90	781.40	619.70	1,139.30
Cattle	0.00	0.00	0.00	0.00	26.60	21.50	0.00
	0.00	0.00	0.00	0.00	0.03	0.04	0.00
Corn	1,044.70	3,416.30	1,253.90	2,743.80	172.10	72.80	480.70
	0.50	0.57	0.64	0.63	0.22	0.12	0.42
Grain Sorghum	240.90	378.50	30.40	0.00	191.00	31.70	152.70
	0.12	0.06	0.02	0.00	0.24	0.05	0.13
Wheat	297.50	451.50	398.60	0.00	164.90	33.80	27.10
	0.14	0.08	0.20	0.00	0.21	0.05	0.02
Cotton	519.60	1,724.50	234.20	720.90	75.70	250.50	478.80
	0.25	0.29	0.12	0.17	0.10	0.40	0.42
Other Receipts	0.00	0.00	49.20	88.60	0.00	0.00	0.00
	0.00	0.00	0.03	0.02	0.00	0.00	0.00
2011 Planted Acres**							
Total	2,700.00	7,414.00	2,500.00	3,194.00	2,800.00	1,600.00	1,200.00
Corn	960.00	3,120.00	875.00	1,878.00	800.00	750.00	500.00
	0.36	0.42	0.35	0.59	0.29	0.47	0.42
Grain Sorghum	240.00	867.00	183.00	0.00	900.00	300.00	250.00
	0.09	0.12	0.07	0.00	0.32	0.19	0.21
Wheat	870.00	1,555.00	1,242.00	0.00	500.00	150.00	150.00
	0.32	0.21	0.50	0.00	0.18	0.09	0.13
Cotton	630.00	1,872.00	200.00	564.00	300.00	400.00	300.00
	0.23	0.25	0.08	0.18	0.11	0.25	0.25
CRP	0.00	0.00	0.00	188.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.06	0.00	0.00	0.00
Improved Pasture	0.00	0.00	0.00	0.00	300.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.11	0.00	0.00

*Receipts for 2011 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 2011 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.

2011 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 1,147 acres of wheat, 120 acres of barley, and 458 acres of dry peas. Disease concerns dictate rotating a minimum acreage of barley and peas to maintain wheat yields. This farm generated 81 percent of 2011 receipts from wheat.
WAW5500	A 5,500-acre, large-sized grain farm in the Palouse of southeastern Washington (Whitman County). Annually, this farm allocates 3,055 acres to wheat, 611 acres to barley, and 1,204 acres to dry peas. Diseases that inhibit wheat yield dictate the rotation of a minimum acreage of barley and peas. Wheat sales accounted for 77 percent of 2011 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 CRP. In 2011, 96 percent of the farm's income came from wheat.
ORW3600	ORW3600 is a 3,600-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-six percent of this farm's 2011 total receipts came from wheat sales.
MTW4500	North-central Montana (Chouteau County) is home to this 4,500 acre farm on which 2,330 acres of wheat (1,711 acres of winter wheat, 619 acres of spring wheat) are planted each year. MTW4500 uses no-till production practices. In 2011, 99 percent of cash income came from wheat.
COW3000	A 3,000-acre northeast Colorado (Washington County), moderate-sized farm that plants 970 acres of winter wheat, 905 acres of millet, and 500 acres of corn each year. COW3000 has adopted minimum tillage practices on most of its acres. This farm generated 36 percent of its receipts from wheat, 34 percent from millet, and 29 percent from corn.
COW5640	A 5,640-acre, large-sized northeast Colorado (Washington County) wheat farm. It plants 1,900 acres of wheat, 890 acres of millet, and 890 acres of corn. During 2011, 55 percent of gross receipts came from wheat sales and 26 percent came from corn sales.
KSCW2000	South central Kansas (Sumner County) is home to this 2,000-acre, moderate-sized grain farm. KSCW2000 plants 1,200 acres of winter wheat, 400 acres of soybeans, 200 acres of sorghum, and 200 acres of corn each year. For 2011, 55 percent of gross receipts came from wheat.
KSCW4500	A 4,500-acre, large-sized grain farm in south central Kansas (Sumner County) that plants 2,700 acres of winter wheat, 675 acres of corn, 675 acres of soybeans, and 450 acres of sorghum. Fifty-five percent of this farm's 2011 total receipts were generated from sales of winter wheat.
KSNW4000	This is a 4,000-acre, moderate-sized northwest Kansas (Thomas County) grain farm. This farm plants 1,500 acres of winter wheat (wheat-fallow rotation), 1,000 acres of corn, and 500 acres of sorghum. KSNW4000 also owns 80 head of beef cows. This farm generated 38 percent of 2011 receipts from wheat, 57 percent of its receipts from feedgrains, and 5 percent from cattle.
KSNW5500	KSNW5500 is a 5,500-acre, large-sized northwest Kansas (Thomas County) grain farm that annually plants 1,820 acres of winter wheat, 2,050 acres of corn, 500 acres of sorghum, and 130 acres of soybeans. This farm also runs 100 head of beef cows. The farm generated 25 percent of receipts from wheat and 71 percent from feedgrainse during 2011.

Appendix Table A. Characteristics of Panel Farms Producing Wheat.

	WAW1725	WAW5500	WAAW3500	ORW3600	MTW4500	COW3000	COW5640	KSCW2000	KSCW4500	KSNW4000	KSNW5500
County	Whitman	Whitman	Adams	Morrow	Chouteau	Washington	Washington	Sumner	Sumner	Thomas	Thomas
Total Cropland	1,725.00	5,500.00	3,500.00	3,600.00	4,500.00	3,000.00	5,640.00	2,000.00	4,500.00	4,000.00	5,500.00
Acres Owned	518.00	2,250.00	1,400.00	1,600.00	2,700.00	1,500.00	1,880.00	700.00	1,000.00	1,170.00	1,800.00
Acres Leased	1,207.00	3,250.00	2,100.00	2,000.00	1,800.00	1,500.00	3,760.00	1,300.00	3,500.00	2,830.00	3,700.00
Pastureland											
Acres Owned	0.00	0.00	0.00	0.00	0.00	200.00	0.00	0.00	0.00	400.00	500.00
Acres Leased	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400.00	500.00
Assets (\$1000)											
Total	2,044.00	8,413.00	1,670.00	1,592.00	3,421.00	2,130.00	3,389.00	2,162.00	3,795.00	2,847.00	4,842.00
Real Estate	1,081.00	5,250.00	1,273.00	860.00	2,924.00	1,625.00	2,122.00	1,570.00	1,928.00	1,686.00	3,217.00
Machinery	437.00	2,037.00	362.00	399.00	361.00	226.00	700.00	371.00	1,209.00	684.00	910.00
Other & Livestock	525.00	1,126.00	34.00	333.00	136.00	279.00	567.00	220.00	658.00	478.00	715.00
Debt/Asset Ratios											
Total	0.09	0.11	0.18	0.14	0.13	0.12	0.12	0.11	0.14	0.16	0.15
Intermediate	0.06	0.12	0.30	0.23	0.11	0.06	0.16	0.07	0.23	0.27	0.27
Long Run	0.14	0.12	0.16	0.15	0.14	0.15	0.13	0.14	0.14	0.14	0.14
Number of Livestock											
Beef Cows	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00	100.00
2011 Gross Receipts (\$1,000)*											
Total	795.50	2,383.30	454.60	562.20	672.50	539.20	978.40	638.80	1,376.10	1,128.10	1,913.60
Cattle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.70	85.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05
Wheat	647.80	1,840.80	436.80	539.20	663.30	194.40	539.30	347.90	749.90	425.50	470.20
	0.81	0.77	0.96	0.96	0.99	0.36	0.55	0.55	0.55	0.38	0.25
Grain Sorghum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.50	174.70	195.50	197.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.13	0.17	0.10
Barley	40.60	225.00	1.00	0.00	9.20	0.00	0.00	0.00	0.00	0.00	0.00
	0.05	0.09	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Corn	0.00	0.00	0.00	0.00	0.00	153.50	251.00	99.00	325.90	447.30	1,068.10
	0.00	0.00	0.00	0.00	0.00	0.29	0.26	0.16	0.24	0.40	0.56
Soybeans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116.40	125.60	0.00	92.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.09	0.00	0.05
Dry Peas	107.00	291.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.14	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Millet	0.00	0.00	0.00	0.00	0.00	181.70	179.10	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.34	0.18	0.00	0.00	0.00	0.00
Other Receipts	0.00	25.90	16.80	23.00	0.00	9.60	9.00	0.00	0.00	0.00	0.00
	0.00	0.01	0.04	0.04	0.00	0.02	0.01	0.00	0.00	0.00	0.00
2011 Planted Acres**											
Total	1,725.00	5,230.00	2,000.00	2,000.00	2,330.00	2,675.00	3,930.00	2,000.00	4,500.00	3,000.00	4,500.00
Wheat	1,147.00	3,055.00	1,500.00	1,600.00	2,330.00	970.00	1,900.00	1,200.00	2,700.00	1,500.00	1,820.00
	0.67	0.58	0.75	0.80	1.00	0.36	0.48	0.60	0.60	0.50	0.40
Grain Sorghum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	450.00	500.00	500.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.17	0.11
Barley	120.00	611.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.07	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Corn	0.00	0.00	0.00	0.00	0.00	500.00	890.00	200.00	675.00	1,000.00	2,050.00
	0.00	0.00	0.00	0.00	0.00	0.19	0.23	0.10	0.15	0.33	0.46
Soybeans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400.00	675.00	0.00	130.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.15	0.00	0.03
Dry Peas	458.00	1,204.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.27	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Millet	0.00	0.00	0.00	0.00	0.00	905.00	890.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.34	0.23	0.00	0.00	0.00	0.00
CRP	0.00	360.00	500.00	400.00	0.00	300.00	250.00	0.00	0.00	0.00	0.00
	0.00	0.07	0.25	0.20	0.00	0.11	0.06	0.00	0.00	0.00	0.00

*Receipts for 2011 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 2011 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.

2011 CHARACTERISTICS OF PANEL FARMS PRODUCING COTTON

- TXSP2500** A 2,500-acre Texas South Plains (Dawson County) cotton farm that is moderate-sized for the area. TXSP2500 plants 2,275 acres of cotton (1,800 dryland, 475 irrigated). For 2011, 60 percent of receipts came from cotton. Due to the extreme drought in Texas in 2011, the farm received 40 percent of revenue from crop insurance indemnities.
- TXSP4500** The Texas South Plains (Dawson County) is home to this 4,500-acre, large-sized cotton farm that grows 4,047 acres of cotton (2,667 dryland, 1,380 irrigated) and 120 acres of wheat. Cotton sales comprised 78 percent of 2011 receipts. Due to the extreme drought in Texas in 2011, the farm received 19 percent of revenue from crop insurance indemnities.
- TXEC5000** This 5,000-acre farm is located on the Eastern Caprock of the Texas South Plains (Crosby County). Annually, 3,650 acres are planted to cotton (2,650 irrigated and 1,000 dryland), 550 acres of sorghum (250 irrigated and 300 dryland), and 300 acres of dryland wheat. In 2011, cotton sales accounted for 94 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 1,000 acres of cotton and 1,000 acres of winter wheat each year. The area is limited by rainfall, and the farm uses a conservative level of inputs. Four percent of 2011 farm receipts came from cotton sales. Twenty-five head of beef cows generated nine percent of farm receipts. Due to the extreme drought in Texas in 2011, the farm received 63 percent of revenue from crop insurance indemnities.
- TXMC1800** This 1,800-acre cotton farm is located on the Coastal Plain of southeast Texas (Wharton County). TXMC1800 farms 300 acres of sorghum, 900 acres of cotton, and 600 acres of corn. In 2011, cotton sales comprised 57 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 1,250 acres of cotton, 1,125 acres of sorghum, and 125 acres of corn annually. Sixty-four percent of 2011 cash receipts were generated by cotton.
- TXCB8000** Nueces County, Texas is home to this 8,000-acre farm. Annually, 4,000 acres are planted to cotton and 4,000 acres to sorghum. Cotton sales accounted for 66 percent of 2011 receipts.
- TXVC4500** This 4,500-acre farm is located in the lower Rio Grande Valley of Texas (Willacy County) and plants 1,495 acres to cotton (500 irrigated and 995 acres dryland), 2,780 acres to sorghum, and 225 acres of sugarcane. In 2011, 43 percent of TXVC4500's cash receipts were generated by cotton sales.

Appendix Table A. Characteristics of Panel Farms Producing Cotton.

	TXSP2500	TXSP4500	TXEC5000	TXRP2500	TXMC1800	TXCB2500	TXCB8000	TXVC4500
County	Dawson	Dawson	Crosby	Jones	Wharton	San Patricio	Nueces	Willacy
Total Cropland	2,500.00	4,500.00	5,000.00	2,500.00	1,800.00	2,500.00	8,000.00	4,500.00
Acres Owned	500.00	900.00	640.00	400.00	180.00	500.00	320.00	900.00
Acres Leased	2,000.00	3,600.00	4,360.00	2,100.00	1,620.00	2,000.00	7,680.00	3,600.00
Pastureland								
Acres Leased	0.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00
Assets (\$1000)								
Total	1,383.00	3,215.00	2,670.00	625.00	1,121.00	1,695.00	4,459.00	4,392.00
Real Estate	674.00	900.00	592.00	328.00	431.00	975.00	662.00	1,927.00
Machinery	642.00	1,392.00	1,195.00	242.00	690.00	559.00	2,439.00	1,556.00
Other & Livestock	67.00	923.00	882.00	55.00	0.00	162.00	1,358.00	909.00
Debt/Asset Ratios								
Total	0.12	0.12	0.14	0.08	0.38	0.19	0.30	0.19
Intermediate	0.12	0.20	0.23	0.00	0.20	0.33	0.50	0.35
Long Run	0.14	0.14	0.14	0.16	0.16	0.14	0.16	0.16
Number of Livestock								
Beef Cows	0.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00
2011 Gross Receipts (\$1,000)*								
Total	804.30	2,148.70	2,725.30	461.30	845.00	1,190.10	4,341.10	2,345.40
Cattle	0.00	0.00	0.00	15.50	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Cotton	484.00	1,675.00	2,549.90	19.30	478.50	760.10	2,878.80	999.50
	0.60	0.78	0.94	0.04	0.57	0.64	0.66	0.43
Grain Sorghum	0.00	0.00	151.10	0.00	113.40	393.00	1,462.30	1,007.30
	0.00	0.00	0.06	0.00	0.13	0.33	0.34	0.43
Wheat	0.00	54.80	24.30	139.70	0.00	0.00	0.00	0.00
	0.00	0.03	0.01	0.30	0.00	0.00	0.00	0.00
Corn	0.00	0.00	0.00	0.00	131.60	37.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.16	0.03	0.00	0.00
Rice	0.00	0.00	0.00	0.00	8.80	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
2011 Planted Acres**								
Total	2,275.00	4,167.00	4,500.00	2,000.00	1,800.00	2,500.00	8,000.00	4,500.00
Cotton	2,275.00	4,047.00	3,650.00	1,000.00	900.00	1,250.00	4,000.00	1,495.00
	1.00	0.97	0.81	0.50	0.50	0.50	0.50	0.33
Grain Sorghum	0.00	0.00	550.00	0.00	300.00	1,125.00	4,000.00	2,780.00
	0.00	0.00	0.12	0.00	0.17	0.45	0.50	0.62
Wheat	0.00	120.00	300.00	1,000.00	0.00	0.00	0.00	0.00
	0.00	0.03	0.07	0.50	0.00	0.00	0.00	0.00
Corn	0.00	0.00	0.00	0.00	600.00	125.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.33	0.05	0.00	0.00

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**Acreages for 2011 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.

2011 CHARACTERISTICS OF PANEL FARMS PRODUCING COTTON

- CAC4000** A 4,000-acre cotton farm located in Kings County, California, CAC4000 plants 1,333 acres to cotton, 267 acres to hay, 2666 acres of silage, and harvests 400 acres of almonds. Thirty-three percent of 2011 receipts came from cotton 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.
- TNC2100** A 2,100-acre, moderate-sized West Tennessee (Fayette County) cotton farm. TNC2100 consists of 525 acres of cotton, 1,020 acres of soybeans, 525 acres of corn, and 30 acres enrolled in CRP. Cotton accounted for 40 percent of 2011 gross receipts, with corn and soybeans contributing 28 percent and 33 percent, respectively.
- TNC4050** TNC4050 is a 4,050-acre, large-sized West Tennessee (Haywood County) cotton farm. This farm plants 2,025 acres of cotton, 1,425 acres of soybeans, 600 acres of corn, and 475 acres of wheat each year. During 2011, cotton sales generated 63 percent of gross receipts.
- ALC3000** A 3,000-acre cotton farm located in northern Alabama (Lawrence County) that plants 1,050 acres to cotton, 1,350 acres to corn, 600 acres of soybeans and 450 acres to wheat annually. This farm was early to adopt no-till cropping practices. Cotton sales accounted for 43 percent of total farm receipts during 2011.
- GAC2300** Southwest Georgia (Decatur County) is home to a 2,300-acre cotton farm that plants 1,200 acres to cotton, 550 acres to peanuts, and 550 acres to corn. In 2011, farm receipts were comprised of cotton sales (45 percent), corn (25 percent), and peanut sales (28 percent).
- SCC1800** SCC1800 is a moderate-sized, 1,800-acre grain farm in South Carolina (Barnwell County) consisting of 540 acres of corn, 720 acres of cotton, 360 acres of peanuts, 180 acres of soybeans (double cropped behind wheat), and 180 acres of wheat. Fifty-two percent of the farm's receipts were from cotton sales during 2011.
- NCC1500** This is a 1,500-acre cotton farm located on the upper coastal plain of North Carolina (Wayne County). NCC1500 plants 225 acres of cotton, 255 acres of wheat, 850 acres of soybeans, and 275 acres of corn annually. Cotton accounted for 20 percent of this farm's 2011 receipts.

Appendix Table A. Characteristics of Panel Farms Producing Cotton.

	CAC4000	ARNC5000	TNC2100	TNC4050	ALC3000	GAC2300	SCC1800	NCC1500
County	Kings	Mississippi	Fayette	Haywood	Lawrence	Decatur	Calhoun	Wayne
Total Cropland	4,000.00	5,000.00	2,100.00	4,050.00	3,000.00	2,300.00	1,800.00	1,500.00
Acres Owned	2,000.00	1,000.00	225.00	1,000.00	0.00	1,150.00	450.00	225.00
Acres Leased	2,000.00	4,000.00	1,875.00	3,050.00	3,000.00	1,150.00	1,350.00	1,275.00
Pastureland								
Acres Owned	0.00	0.00	0.00	0.00	0.00	100.00	200.00	0.00
Acres Leased	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
Assets (\$1000)								
Total	22,230.00	7,753.00	3,305.00	6,159.00	2,524.00	7,560.00	3,652.00	2,800.00
Real Estate	18,900.00	3,100.00	1,337.00	3,629.00	392.00	5,145.00	2,165.00	1,190.00
Machinery	985.00	3,932.00	525.00	851.00	1,572.00	1,066.00	705.00	1,108.00
Other & Livestock	2,345.00	720.00	1,443.00	1,679.00	560.00	1,349.00	782.00	503.00
Debt/Asset Ratios								
Total	0.13	0.21	0.07	0.11	0.25	0.16	0.12	0.21
Intermediate	0.20	0.29	0.07	0.11	0.35	0.32	0.11	0.36
Long Run	0.14	0.15	0.09	0.14	0.16	0.15	0.17	0.15
Number of Livestock								
Beef Cows	0.00	0.00	0.00	0.00	0.00	125.00	0.00	0.00
2011 Gross Receipts (\$1,000)*								
Total	8,588.70	5,206.40	1,595.60	3,184.10	2,153.80	3,320.30	1,758.30	1,169.40
Cattle	0.00	0.00	0.00	0.00	0.00	85.30	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
Cotton	2,795.40	5,206.40	629.80	2,000.50	923.10	1,491.40	908.40	236.40
	0.33	1.00	0.40	0.63	0.43	0.45	0.52	0.20
Wheat	502.60	0.00	0.00	212.20	187.60	0.00	60.20	90.90
	0.06	0.00	0.00	0.07	0.09	0.00	0.03	0.08
Soybeans	0.00	0.00	521.10	549.70	62.60	0.00	71.20	382.90
	0.00	0.00	0.33	0.17	0.03	0.00	0.04	0.33
Corn	0.00	0.00	442.90	417.70	980.50	818.00	265.10	212.40
	0.00	0.00	0.28	0.13	0.46	0.25	0.15	0.18
Hay	381.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peanuts	0.00	0.00	0.00	0.00	0.00	925.70	453.30	0.00
	0.00	0.00	0.00	0.00	0.00	0.28	0.26	0.00
Silage	2,933.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Receipts	1,976.10	0.00	1.80	4.00	0.00	0.00	0.00	246.80
	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.21
2011 Planted Acres**								
Total	5,333.00	5,000.00	2,100.00	4,525.00	3,000.00	2,500.00	1,980.00	1,605.00
Cotton	1,333.00	5,000.00	525.00	2,025.00	1,050.00	1,200.00	900.00	225.00
	0.25	1.00	0.25	0.45	0.35	0.48	0.46	0.14
Wheat	667.00	0.00	0.00	475.00	450.00	0.00	180.00	255.00
	0.13	0.00	0.00	0.11	0.15	0.00	0.09	0.16
Soybeans	0.00	0.00	1,020.00	1,425.00	150.00	0.00	180.00	850.00
	0.00	0.00	0.49	0.32	0.05	0.00	0.09	0.53
Corn	0.00	0.00	525.00	600.00	1,350.00	550.00	360.00	275.00
	0.00	0.00	0.25	0.13	0.45	0.22	0.18	0.17
Hay	267.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Peanuts	0.00	0.00	0.00	0.00	0.00	550.00	360.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.22	0.18	0.00
CRP	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Almonds	400.00	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	0.00
Silage	2,666.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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**Acreages for 2011 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.

2011 CHARACTERISTICS OF PANEL FARMS PRODUCING RICE

- CAR550** CAR550 is a 550-acre moderate-sized rice farm in the Sacramento Valley of California (Sutter and Yuba Counties) that plants 500 acres of rice annually. This farm generated 100 percent of 2011 gross receipts from rice sales.
- CAR3000** This is a 3,000-acre rice farm located in the Sacramento Valley of California (Sutter and Yuba Counties) that is large-sized for the region. CAR3000 plants 3,000 acres of rice annually. One hundred percent of 2011 total receipts were generated from rice sales.
- CABR1300** The Sacramento Valley (Butte County) is home to CABR1300, a 1,300-acre rice farm. CABR1300 harvests 1,200 acres of rice annually, generating 100 percent of 2011 farm receipts from rice sales.
- CACR800** CACR800 is a 800-acre rice farm located in the Sacramento Valley of California (Colusa County). This farm harvests 800 acres of rice each year. During 2011, 100 percent of farm receipts were realized from rice sales.
- TXR1350** This 1,350-acre rice farm located west of Houston, Texas (Colorado County) is moderate-sized for the region. TXR1350 harvests 450 acres of first-crop rice and 360 acres of ratoon rice. The farm generated 98 percent of its receipts from rice during 2011.
- TXR3000** TXR3000 is a 3,000-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. TXR3000 realized 100 percent of 2011 gross receipts from rice sales.
- TXBR1800** The Texas Gulf Coast (Matagorda County) is home to this 1,800-acre rice farm. TXBR1800 plants a third of its acres to rice annually and fallows the remainder. In 2011, TXBR1800 realized 100 percent farm receipts from rice sales.
- TXER3200** This 3,200-acre rice farm is located in the Texas Gulf Coast (Wharton County). TXER3200 harvests 1,067 acres of first-crop rice and 960 acres of ratoon rice each year. The farm also grows 427 acres of soybeans and 640 acres of grain sorghum annually. Seventy-seven percent of 2011 receipts came from rice sales.

Appendix Table A. Characteristics of Panel Farms Producing Rice.

	CAR550	CAR3000	CABR1300	CACR800	TXR1350	TXR3000	TXBR1800	TXER3200
County	Sutter	Sutter	Butte	Colusa	Colorado	Colorado	Matagorda	Wharton
Total Cropland	550.00	3,000.00	1,300.00	800.00	1,350.00	3,000.00	1,800.00	3,200.00
Acres Owned	275.00	769.00	520.00	320.00	405.00	0.00	0.00	320.00
Acres Leased	275.00	2,231.00	780.00	480.00	945.00	3,000.00	1,800.00	2,880.00
Assets (\$1000)								
Total	2,464.00	9,823.00	6,885.00	4,257.00	1,585.00	1,193.00	763.00	1,386.00
Real Estate	1,913.00	6,326.00	4,422.00	2,667.00	885.00	69.00	0.00	714.00
Machinery	478.00	2,330.00	1,257.00	392.00	543.00	671.00	763.00	606.00
Other & Livestock	73.00	1,168.00	1,205.00	1,197.00	157.00	453.00	0.00	66.00
Debt/Asset Ratios								
Total	0.12	0.16	0.15	0.11	0.22	0.11	0.74	0.13
Intermediate	0.04	0.29	0.33	0.25	0.30	0.17	0.34	0.11
Long Run	0.14	0.14	0.15	0.12	0.13	0.12	0.00	0.16
2011 Gross Receipts (\$1,000)*								
Total	866.00	4,828.50	2,182.60	1,442.10	566.60	1,388.90	987.20	1,718.60
Rice	866.00	4,828.50	2,182.60	1,442.10	566.60	1,383.90	987.20	1,314.10
	1.00	1.00	1.00	1.00	0.98	1.00	1.00	0.77
Soybeans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
Grain Sorghum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	271.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
Other Receipts	0.00	0.00	0.00	0.00	10.00	5.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
2011 Planted Acres**								
Total	500.00	3,000.00	1,200.00	800.00	450.00	1,200.00	600.00	2,134.00
Rice	500.00	3,000.00	1,200.00	800.00	450.00	1,200.00	600.00	1,067.00
	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.50
Soybeans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	427.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
Grain Sorghum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	640.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30

*Receipts for 2011 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 2011 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.

2011 CHARACTERISTICS OF PANEL FARMS PRODUCING RICE

- LASR1480** A 1,480-acre southwest Louisiana (Acadia, Jeff Davis, and Vermilion parishes) rice farm, LASR1480 is moderate-sized for the area. This farm harvests 800 acres of rice and 530 acres of soybeans. During 2011, 76 percent of gross receipts were generated from rice sales.
- ARMR7500** ARMR7500 is a 7,500-acre diversified rice farm in southeast Arkansas (Desha County) that plants 1,875 acres of rice, 2,375 acres of soybeans (750 double cropped behind wheat), 1,500 acres of cotton, 1,500 acres of corn, and 1,000 acres of wheat. For 2011, 28 percent of gross receipts came from rice sales, 30 percent from cotton sales, 21 percent from corn sales, and 16 percent from soybean sales.
- ARSR3240** ARSR3240 is a 3,240-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 (planted before soybeans) each year. Sixty-seven percent of this farm's 2011 receipts came from rice sales.
- ARWR1400** East central Arkansas (Cross County) is home to this 1,400-acre rice farm. Moderate-sized for the region, ARWR1400 annually plants 700 acres each to rice and soybeans. During 2011, rice sales generated 68 percent of gross receipts.
- ARHR3000** ARHR3000 is a 3,000-acre large-sized northeast Arkansas (Lawrence County) rice farm that annually harvests 1,450 acres of rice, 1,250 acres of soybeans, and 300 acres of corn. Rice sales accounted for 63 percent of 2011 farm receipts.
- 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. Sixty-six percent of receipts for this farm came from rice sales in 2011.

Appendix Table A. Characteristics of Panel Farms Producing Rice.

	LASR1480	ARMR7500	ARSR3240	ARWR1400	ARHR3000	MOWR4000
County	Acadia	Desha	Arkansas	Cross	Lawrence	Butler
Total Cropland	1,480.00	7,500.00	3,240.00	1,400.00	3,000.00	4,000.00
Acres Owned	150.00	1,200.00	648.00	420.00	1,000.00	2,000.00
Acres Leased	1,330.00	6,300.00	2,592.00	980.00	2,000.00	2,000.00
Assets (\$1000)						
Total	1,390.00	9,503.00	4,738.00	3,132.00	5,166.00	14,196.00
Real Estate	952.00	3,253.00	2,039.00	1,788.00	2,487.00	9,490.00
Machinery	438.00	4,877.00	2,422.00	1,311.00	2,656.00	3,444.00
Other & Livestock	0.00	1,373.00	277.00	33.00	22.00	1,262.00
Debt/Asset Ratios						
Total	0.11	0.16	0.26	0.19	0.25	0.14
Intermediate	0.17	0.21	0.39	0.21	0.28	0.24
Long Run	0.07	0.15	0.14	0.14	0.15	0.12
2011 Gross Receipts (\$1,000)*						
Total	1,011.40	6,334.30	2,112.50	1,058.70	2,269.10	3,069.30
Rice	768.90	1,767.30	1,408.10	715.20	1,435.00	2,017.30
	0.76	0.28	0.67	0.68	0.63	0.66
Soybeans	188.20	1,022.40	582.70	343.60	572.50	1,052.00
	0.19	0.16	0.28	0.32	0.25	0.34
Corn	0.00	1,305.20	0.00	0.00	261.60	0.00
	0.00	0.21	0.00	0.00	0.12	0.00
Wheat	0.00	346.30	121.70	0.00	0.00	0.00
	0.00	0.06	0.06	0.00	0.00	0.00
Cotton	0.00	1,893.10	0.00	0.00	0.00	0.00
	0.00	0.30	0.00	0.00	0.00	0.00
Other Receipts	54.40	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00
2011 Planted Acres**						
Total	1,330.00	8,250.00	3,564.00	1,400.00	3,000.00	4,000.00
Rice	800.00	1,875.00	1,620.00	700.00	1,450.00	2,000.00
	0.60	0.23	0.46	0.50	0.48	0.50
Soybeans	530.00	2,375.00	1,620.00	700.00	1,250.00	2,000.00
	0.40	0.29	0.46	0.50	0.42	0.50
Corn	0.00	1,500.00	0.00	0.00	300.00	0.00
	0.00	0.18	0.00	0.00	0.10	0.00
Wheat	0.00	1,000.00	324.00	0.00	0.00	0.00
	0.00	0.12	0.09	0.00	0.00	0.00
Cotton	0.00	1,500.00	0.00	0.00	0.00	0.00
	0.00	0.18	0.00	0.00	0.00	0.00

*Receipts for 2011 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 2011 are included to indicate the relative importance of each enterprise to the farm. Total planted acreage may exceed total cropland available due to double cropping. Percents indicate the percentage of total planted acreage accounted for by the crop.

APPENDIX B:
LIST OF PANEL FARM
COOPERATORS

FEED GRAIN FARMS

Indiana

Facilitators

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

Panel Participants

Mr. David Brown
Mr. Jerry Drake
Mr. Richard Fix
Mr. Mark Nigh
Mr. Ken Simpson
Mr. Keith Theobald

Mr. Kevin Carson
Mr. Gary Everhart
Mr. Darrell Linville
Mr. Gary Robards
Mr. Doug Theobald
Mr. Jeremy Weaver

Iowa

Facilitators

Mr. Jim Patton - County Extension Director, Webster County

Panel Participants

Mr. Robert Anderson
Mr. Perry Black
Mr. Jason Carver
Mr. Kevin Carver
Todd Lundgren
Mr. William Secor
Mr. Jason Stanek

Mr. Dean Black
Mr. A.J. Blair
Mr. and Mrs. Jim Carver
Mr. Larry Lane
Mr. Robert Lynch
Mr. Doug Stanek
Mr. Loren Wuebker

Louisiana

Facilitators

Mr. Kurt Guidry - Professor, LSU Ag Center

Panel Participants

Mr. R. Berry Barham
Mr. John Carroll
Mr. Buddy Page

Mr. Jess Barr
Mr. Randy Miller

Louisiana - Northeast

Facilitators

Mr. Kurt Guidry - Professor, LSU Ag Center

Panel Participants

Mr. Damian Bollich
Mr. Fred Franklin
Mr. Lindy Lingo

Mr. Mark Brown
Mr. Ed Greer
Mr. Ed Patrick

Missouri - Central

Facilitators

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

Panel Participants

Mr. Joe Brockmeier
Mr. Kyle Durham
Mr. Ron Gibson
Mr. Dale Griffith
Mr. Mike Hisle
Mr. Glenn Kaiser
Mr. Robert Kipping
Mr. Rob Korff
Mr. Ron Linneman
Mr. Mike Ritchhart

Mr. Mark Casner
Mr. Dennis Germann
Mr. Todd Gibson
Mr. Jack Harriman
Mr. Preston Hisle
Mr. David Kipping
Mr. Gerald Kitchen
Mr. Craig Linneman
Mr. Terry Reimer
Mr. James Wheeler

FEED GRAIN FARMS (CONTINUED)

Missouri - Northwest

Panel Participants

Mr. Jack Baldwin
Mr. Kevin Rosenbohm

Mr. Gary Ecker
Mr. Roger Vest

Nebraska - Central

Facilitators

Mr. Bruce Treffer - Extension Educator, Dawson County

Panel Participants

Mr. Jim Aden
Mr. Jeremy Geiger
Mr. Pat Luther
Mr. Scott McPheeters
Mr. Paul Stieb

Mr. Rob Anderson
Mr. Greg Hueftle
Mr. Tim Maline
Mr. Dave Rowe
Mr. Dan Strauss

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. Mike Clemens
Mr. Leland Guscette
Mr. Greg Shanenko
Mr. Arvid Winkler

Mr. Wade Bruns
Mr. Jack Formo
Mr. Raymond Haugen
Mr. Anthony Thilmony

South Carolina

Facilitators

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

Panel Participants

Mr. Troy Allen
Mr. Cag Brunson
Mr. Harry DuRant
Mr. Jason Gamble
Mr. Barry Hutto
Mr. Joe McKeower

Ms. Vikki Brogdon
Mr. Chris Cogdill
Mr. Sam DuRant
Mr. Steven Gamble
Mr. Tommy Lee
Mr. John Michael Parimuha

Tennessee

Facilitators

Mr. Ranson Goodman - Extension Agent & County Director, Henry County
Mr. Jeff Lannom - Extension Agent & County Director, Weakley County
Mr. Tim Smith - County Extension Agent, Obion County

Panel Participants

Mr. Jason Crabtree
Mr. John Erwin
Mr. David Grant
Mr. Bob Grooms
Mr. Doug Schoolfield
Mr. Gilbert Workman, Jr.

Mr. James S. Davis
Mr. Mike Freeman
Mr. Wayne Grant
Mr. Donald Parker
Mr. Jamie Tuck

FEED GRAIN FARMS (CONTINUED)

Texas - Northern Blackland Prairie

Facilitators

Mr. Ryan Collett - County Extension Agent, Hill County
Mr. Marty Jungman - County Extension Agent, Hill County

Panel Participants

Mr. Justin Kaska	Mr. Kenneth Machac
Mr. Chad Radke	Mr. John Sawyer
Mr. Aaron Walters	

Texas - Northern High Plains

Facilitators

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

Panel Participants

Mr. Kerry Cartrite	Mr. Brent Clark
Mr. Kelly Hays	Mr. Casey Kimbrell
Mr. Rick May	Mr. Tom Moore
Mr. H.D. Morton	Mr. Wesley Spurlock
Mr. Darren Stallwitz	Mr. Dee Vaughan
Mr. Willie Wieck	Ms. Linda Williams

Texas - Panhandle

Facilitators

Mr. Steve Young - County Extension Agent, Castro County

Panel Participants

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

Texas - Panhandle

Facilitators

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

Panel Participants

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

Texas - Southern Blackland Prairie

Facilitators

Mr. Dustin Coufal - County Extension Agent, Williamson County

Panel Participants

Mr. Terry Pekar	Mr. Herbert Raesz
Mr. Doug Schernik	Mr. Ken Seggern
Mr. Donald Stolte	

Texas - Southwest

Facilitators

Mr. Bryson Dalrymple - County Extension Agent, Uvalde County

Panel Participants

Mr. Jimmy Carnes	Mr. Mark Landry
Mr. Danny Parker	Mr. James Parker

WHEAT FARMS

Colorado

Facilitators

Mr. John Deering - Ag Business Agent, Colorado State University

Mr. Dennis Kaan - Director, Golden Plains Area Extension, Colorado State University

Panel Participants

Mr. Rollie Deering

Mr. David Foy

Ms. Gisele Jefferson

Mr. Dave Lillich

Ms. Sara Olsen

Mr. Craig Saxton

Mr. Harlan Schaffert

Mr. John Wright

Mr. Ward Deering

Mr. William Harman

Mr. Terry Kuntz

Mr. Max Olsen

Mr. Ken Remington

Mr. Calvin Schaffert

Mr. Dave Wagers

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

Rich Calliham

Mr. Sam Crouse

Mr. Lyman Goetsch

Mr. Brian Laufer

Mr. Harold Mizell

Mr. Steve Busse

Mr. Richard Calliham

Mr. Dennis Franklin

Mr. Lee Juenemann

Mr. Lance Leebrick

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. Dennis Gruenbacher

Mr. Kent Ott

Mr. Nick Steffen

Mr. Jim Stuhlsatz

Mr. Robert White

Mr. Doug Hisken

Mr. David Reichenberger

Troy & Julia Strnad

Mr. Tim Turek

Montana - North Central

Facilitators

Mr. Lochiel Edwards

Panel Participants

Mr. Darin Arganbright

Mr. Duane Beirwagen

Mr. Dan Works

Mr. Steve Bahnmler

Mr. Will Roehm

Oregon - North Central

Facilitators

Jon Farquharson - BMCC Farm Management

Panel Participants

Mr. Dana Heideman

Mr. Joe McElligott

Mrs. Shannon Rust

Mr. Bill Jepsen

Mr. Craig Miles

Mr. Tim Rust

WHEAT FARMS (CONTINUED)

Washington

Facilitators

Mr. Aaron Esser - County Director, WSU Extension

Panel Participants

Mr. Dan Hille

Mr. Mike Miller

Mr. Steve Taylor

Mr. Alan Koch

Mr. Tim Smith

Washington - Palouse

Facilitators

Dr. Janet Schmidt - Extension Faculty, Washington State University

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

Panel Participants

Mr. Eric Appel

Mr. Asa Clark

Mr. Tom Cocking

Mr. Brian Largent

Mr. Michael Largent

Mr. Bruce Nelson

Mr. David Swannack

Mr. Steve Teade

Mr. Ben Barstow

Mr. Gavin Clark

Mr. David Harlow

Mr. Gary Largent

Mr. Clark Miller

Mr. Randy Suess

Mr. Del Teade

Mr. Jon Whitman

COTTON FARMS

Alabama

Panel Participants

Mr. James Blythe
Dr. Steve Ford
Ms. Larkin Martin

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

Arkansas - Adams Land Co. Gin

Facilitators

Mr. Dave Freeze - CEA Mississippi County, U of Arkansas Cooperative Extension
Mr. Ronnie Kennett
Mr. Blake McClelland
Ms. Jenny Stacks
Dr. Brad Watkins - Research Assistant Professor, U. of Arkansas Cooperative Extension

Panel Participants

Mr. Chad Costner
Mr. Todd Edwards
Mr. Justin Hawkins
Mr. David Wildy

Mr. Heath Donner
Mr. Cole Hawkins
Mr. Randy Jackson

California - Hanford

Facilitators

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

Panel Participants

Mr. Bo Champlin
Mr. Matt Gilkey
Mr. Bill Stone
Mr. Mark Watte

Mr. Kirk Gilkey
Mr. Ted Sheely
Mr. Bill Tos

Georgia - Southwest

Facilitators

Mr. Rome Ethredge - County Extension Coordinator, Seminole County
Mr. Mitchell May - County Extension Coordinator, Decatur County
Dr. Don Shurley - Professor/Economist - Cotton, University of Georgia
Dr. Nathan Smith - Assistant Professor, Extension Economist, University of Georgia

Panel Participants

Mr. Andy Bell
Mr. Willard Mims

Mr. Jerry Jones
Mr. Raymond Thompson

North Carolina

Facilitators

Mr. Kevin Johnson - County Extension Agent, Wayne County

Panel Participants

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

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

COTTON FARMS (CONTINUED)

South Carolina

Facilitators

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

Panel Participants

Mr. Corrin F. "Bud" Bowers	Mr. James Bookhart
Mr. Jimmie Griner	Mr. Johnny & Debbie Crider
Mr. Bates Houck	Mr. Henry Herndon
Mr. Doug Jarrell	Mr. Dean & Richard Hutto
Mr. Jeff Sandifer	Mr. J. O. Patterson
	Mr. Stephen Still

Tennessee

Facilitators

Mr. Jim Castellaw - Extension Area Specialist, Farm Management
Dr. Chism Craig - University of Tennessee
Mr. Chuck Danehower - Extension Area Specialist, Farm Management
Mr. Chris Main - Cotton Specialist
Ms. Tracey Sullivan - County Extension Agent, Haywood County
Mr. Jeff Via - County Extension Director, Fayette County

Panel Participants

Mr. Harris Armour, III	Mr. Chuck Dacus
Mr. R. Morris English, Jr.	Mr. Lee Graves
Mr. Dewayne Hendrix	Mr. Tom Karcher
Mr. Allen King	Mr. John King
Mr. Travis Lonon	Mr. William E. Powers
Mr. Ronald Woods	

Texas - Coastal Bend

Facilitators

Mr. Duane Campion - County Extension Agent, San Patricio County and Aransas County
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. Jeff Stapper - County Extension Agent, Nueces County
Mr. Mac Young - Extension Specialist-Risk Management, Texas AgriLife Extension

Panel Participants

Mr. Travis Adams	Mr. Marvin Beyer, Jr.
Mr. Brad Bickham	Mr. Jimmy Dodson
Mr. Jon Gwynn	Mr. Darrell Lawhon
Mr. Larry McNair	Mr. Andrew Miller
Mr. Toby Robertson	Mr. Darby Salge
Mr. David Weaver	Mr. Jon Whatley

Texas - Eastern Caprock

Facilitators

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

Panel Participants

Mr. Lloyd Arthur	Mr. Brooks Ellison
Mr. Edwin Moore	Mr. Marvin Schoepf

COTTON FARMS (CONTINUED)

Texas - Mid Coast

Facilitators

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

Panel Participants

Mr. Jimmy Barosh	Mr. Keith Bram
Mr. Brent Cerny	Mr. Glenn Emshof
Mr. Daniel Gavranovic	Mr. Rob Kainer
Mr. Cedric Popp	Mr. Michael Popp

Texas - Rio Grande Valley

Facilitators

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

Panel Participants

Mr. Gary Busse	Mr. Derrick Swanberg
Mr. Marshall Swanberg	Mr. Mark Willis

Texas - Rolling Plains

Facilitators

Mr. Steven Estes - County Extension Agent, Texas AgriLife Extension

Panel Participants

Mr. Rex Ford	Mr. Kelly Head
Mr. Michael McLellan	Mr. Brian Sandbothe
Mr. Mike Sloan	Mr. Dale Spurgin
Mr. Ferdie Walker	Mr. Terry White

Texas - Southern High Plains

Facilitators

Dr. Jackie Smith - Extension Economist - Management, Texas A&M University
Mr. Jeff Wyatt - County Extension Agent, Dawson County

Panel Participants

Mr. Steven Archer	Mr. Brad Boyd
Mr. Andy Bratcher	Mr. Terry Coleman
Mr. Will Cozart	Mr. Kirk Tidwell
Mr. Johnny Ray Todd	Mr. Donald Vogler
Mr. David Warren	

RICE FARMS

Arkansas

Facilitators

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

Panel Participants

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

Arkansas - East Central-Arkansas County

Facilitators

Mr. Bill Free - Riceland Foods, Inc.
Dr. Brad Watkins - Research Assistant Professor, U. of Arkansas Cooperative Extension

Panel Participants

Mr. Derek Bohanan	Mr. Monty Bohanan
Mr. Jerry Burkett	Mr. Dusty Hoskyn
Mr. David Jessup	

Arkansas - East Central-Cross County

Facilitators

Dr. Brad Watkins - Research Assistant Professor, U. of Arkansas Cooperative Extension
Mr. Rick Wimberley - County Extension Agent - Staff Chair, U. of Arkansas Cooperative Extension

Panel Participants

Mr. Corbin Brown	Mr. John Cooper
Mr. Byron Holmes, Jr.	Mr. Keith Lockley
Mr. Bryan Moery	Mr. Roger Pohlner

Arkansas - Northeast-Lawrence County

Facilitators

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

Panel Participants

Mr. Greg Baltz	Mr. Jeremy Baltz
Mr. Kyle Baltz	Mr. Michael Cureton
Mr. Terry Gray	Mr. Marvin Hare, Jr.
Mr. Tori Hicks	Mr. Dwain Morris
Mr. Ray Stone	

California - Butte County

Facilitators

Dr. Cass Mutters - Farm Advisor, University of California

Panel Participants

Mr. Ken Anderson	Mr. Mike Boeger
Mr. Lee Carrico	Mr. Tom Coleman
Mr. Eric Larrabee	Mr. Brad Mattson
Mr. Steve Rystrom	Mr. Josh Sheppard
Mr. Lance Tennis	Mr. Eric Waterbury

RICE FARMS (CONTINUED)

California - Colusa County

Facilitators

Dr. Cass Mutters - Farm Advisor, University of California

Panel Participants

Mr. Don Bransford
Mr. Charles Marsh
Mr. Robert Sutton

Mr. Mike Lux
Mr. Joe Struckmeyer

California - Sutter County

Facilitators

Dr. Chris Greer - Farm Advisor, University of California

Panel Participants

Mr. Paul Baggett
Mr. Jack DeWitt
Mr. Ned Lemenager
Mr. Walt Trevethan
Mr. Bob Van Dyke

Mr. Steve Butler
Mr. Scott Leathers
Mr. Paul Lowery
Mr. Scott Tucker
Mr. Wayne Vineyard

Louisiana - Southwest-Acadiana

Facilitators

Mr. Barrett Courville - County Extension Agent, Acadia Parish
Mr. Stuart Gauthier - County Extension Agent, Vermilion Parish
Mr. Kurt Guidry - Professor, LSU Ag Center
Mr. Allen Hogan - County Extension Agent, Jeff Davis Parish

Panel Participants

Mr. Tommy Faulk
Mr. Jackie Loewer
Mr. Brian Wild

Mr. David Lacour
Mr. Christian Richard
Mr. Fred Zaunbrecher

Missouri - Bootheel West

Panel Participants

Mr. Rodney Eaker
Mr. John French
Mr. Frank Smody
Mr. Brian Yarbrow

Mr. Rusty Eaker
Mr. Eric Patterson
Mr. Mike Smody

Texas - Bay City-Matagorda County

Facilitators

Mr. Brent Batchelor - County Extension Agent, Matagorda County

Panel Participants

Mr. Donnie Bulanek
Mr. Barrett Franz
Mr. Curt Mowery
Mr. Paul Sliva

Mr. Mike Burnside
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. Jim Wiese

RICE FARMS (CONTINUED)

Texas - El Campo-Wharton County

Panel Participants

Mr. L.G. Raun
Mr. Glen Rod

Mr. Layton Raun
Mr. Robert Shoemate

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