



2010 Crop Enterprise Budgets

for Arkansas Field Crops Planted in 2010

AG -1259

2010 Crop Enterprise Budgets

AG-1259

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Table of Contents

Section	Page
Forward	1
Introduction	2
Summary of Methods	2
Summary of 2010 Budgets	4
Cotton Budgets	8
Corn Budgets	18
Sorghum Budgets	25
Wheat Budget	32
Soybean Budgets	35
Rice Budgets	48
References	55
Customized Budget Form	56

Forward

The Department of Agricultural Economics and Agribusiness, University of Arkansas Division of Agriculture has revised its crop enterprise budget program to provide improved service to producers and other constituents. Crop enterprise budgets are developed in collaboration with Extension Agronomists to include the most common production methods employed by Arkansas farmers. The new crop enterprise budget program is intended to more effectively and efficiently meet the needs of clientele. A new feature of the budget program gives growers the opportunity to customize budgets to their operation.

The primary objective of crop enterprise budget program is to assist producers in planning for crop expenses. Printed budgets include expenses and returns based on typical Arkansas yields and expected commodity prices. Coordination of budget development by crop enterprise enables producers to make decisions based on comparative costs and returns among crops. In addition to printed budgets, the new program includes interactive budgets. Producers can enter their production costs, as well as expected yields and commodity prices. This provides unique expected costs and returns calculated for base Extension production methods.

Crop production entails numerous alternative methods. It is not possible to produce a sufficient number of crop budgets that correspond to all production methods. The new budget program allows growers to produce customized budgets. Producers can obtain a customized budget by completing a budget information worksheet found on the web site. Producers submit completed budget information worksheets to county agents. County agents review the worksheets and send them to the state specialist. Customized budgets are then sent to county agents who forward them to producers.

Enterprise budgets are utilized by producers, lenders and other stakeholders in Arkansas crop production. The new University of Arkansas budget program is intended to provide enhanced planning services to growers and all stakeholders of Arkansas agriculture.

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2010 Crop Enterprise Budgets

The Department of Agricultural Economics and Agribusiness (AEAB) develops crop enterprise budgets to assist Arkansas producers and other agricultural stakeholders in evaluating expected costs and returns for the upcoming field crop production year. Production methods analyzed represent typical field activities as determined by consultations with farmers, county agents, and information from specialists in the Department of Crop, Soil, and Environmental Sciences. Actual production practices vary greatly among individual farms due to management preferences and between production years due to climactic conditions. Analyses are for generalized circumstances with a focus on consistent and coordinated application of budget methods for all field crops. This approach results in meaningful costs and returns comparisons for decision making related to acreage allocations among field crops. Presentations in this report should be regarded only as a guide and basis for individual farmers developing budgets for their production practices, soil types, and other unique circumstances. AEAB periodically issues reports devoted to economic comparisons of alternative production practices. These reports offer greater detail for a range of production practices, seeds, and inputs.

A new feature of the crop enterprise budget program is the availability of customized budgets developed for individual farms. To request a customized budget, complete the form in this publication and submit it to your county agent for review. The county agent will forward the form so that budget methods of this report are applied to your farm. You will receive the customized budget from your county agent.

Interactive versions of budgets in this report are available online. Users may change selected variables to represent their unique circumstances. Variables available for changing are in white spreadsheet cells. Numbers in red are from formulas that change values as users make changes in white cells.

Summary of Methods

Methods employed for developing crop enterprise budgets include input prices that are estimated directly from information available from suppliers and other sources, as well as costs estimated from engineering formulas developed by the American Society of Agricultural and Biological Engineers. Operating costs for fertilizers and chemicals are estimated by applying prices to typical input rates. Custom hire rates and fees are estimated with information from industry contacts. Methods of estimating these operating expenses presented in crop enterprise budgets are identical to producers obtaining costs information for their specific farms.

Ownership costs and repair expenses for machinery are estimated by applying engineering formulas to representative prices of new equipment (Givan 1991; Lazarus and Selly 2002). Repair expenses in crop enterprise budgets should be regarded as estimates of full service repairs, and actual cash expenses for repairs may be lower than expenses presented in crop enterprise budgets. Machinery performance rates of field activities utilized for machinery costs are used to estimate time requirements of an activity which is applied to an hourly wage rate for determining labor costs (USDA, NASS 2009b). Labor costs in crop enterprise budgets represent time devoted to specified field activities. Potentially additional labor costs not associated with

field activities are subsumed in the expense category miscellaneous overhead. Actual labor expenses for a farm could be reduced by employing owner unpaid labor.

Ownership costs of machinery are determined by the capital recovery method which determines the amount of money that should be set aside each year to replace the value of equipment used in production (Kay and Edwards 1999). This measure differs from typical depreciation methods, as well as actual cash expenses for machinery. Amortization factors applied for capital recovery estimation coincide with real interest rates (Edwards 2005). Nominal interest rates are average effective interest rates for farm machinery and equipment (Federal Reserve System 2009). Real interest rates are calculated by applying the implicit price deflator for gross domestic product (USDC, BEA 2009). Representative prices for equipment are based on numerous sources of information including average U.S. prices (USDA, NASS 2009a) and industry list prices (John Deere 2009).

Revenue in crop enterprise budgets is the product of expected yields from following Extension practices under optimal growing conditions and projected commodity prices from the Food and Agricultural Policy Research Institute (Richardson et al 2009). Commodity prices in this report are projections formulated in August 2009, and actual prices will vary with continually changing market conditions. AEAB does not make price projections in this report.

Budget Summaries
for
2010 Planting

Table 1. 2010 Budget Summary of Surface Irrigated Arkansas Field Crops
 Cotton Lint Yield in Lbs., Cottonseed Rebate Yield in Bales, Other Crop Yields in Bu.

Item	Cotton	Corn	Sorghum	Soybean, on Beds	Soybean, Drilled	Conventional Rice	Hybrid Rice
Yield	1,200	180	110	50	50	170	185
Price	0.56	3.69	3.25	9.12	9.12	5.96	5.96
Crop Value ¹	672.00	664.20	357.50	456.00	456.00	1,013.20	1102.60
Cottonseed Rebate Yield	2.40	0.00	0.00	0.00	0.00	0.00	0.00
Cottonseed Rebate Price	30.00	0.00	0.00	0.00	0.00	0.00	0.00
Cottonseed Rebate ¹	72.00	0.00	0.00	0.00	0.00	0.00	0.00
Seed	100.30	97.35	19.63	44.10	44.10	34.04	141.96
Fertilizers	103.96	174.79	130.74	52.40	52.40	146.26	131.26
Chemicals	122.92	38.19	31.81	84.44	84.44	102.63	83.11
Custom Hire, Surveying	0.00	6.50	0.00	6.50	11.50	43.50	37.00
Fuel & Lube	31.66	19.00	19.24	19.47	18.80	23.69	23.69
Repairs & Maintenance	28.05	17.50	15.13	12.78	11.85	18.15	23.47
Irrigation Diesel Fuel	35.43	44.29	29.53	35.43	35.43	88.58	88.58
Supplies	5.50	5.50	5.50	5.50	0.00	1.95	1.95
Other Inputs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Labor	16.23	7.54	7.65	7.57	7.14	8.90	8.90
Scouting/Consultant	9.00	0.00	0.00	0.00	0.00	0.00	0.00
Boll Weevil Fee ²	8.00	0.00	0.00	0.00	0.00	0.00	0.00
Crop Insurance	13.00	15.52	13.71	13.03	13.03	13.53	13.53
Interest	11.26	10.12	6.48	6.68	6.62	11.43	13.14
Ginning/Drying	0.00	34.20	0.00	0.00	0.00	59.50	64.75
Hauling	0.00	39.60	24.20	11.00	11.00	37.40	40.70
Checkoff/Promotions	0.00	1.80	1.10	1.50	1.50	2.30	2.50
Cash Land Rent	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Operating Costs	485.31	511.90	304.72	300.40	297.81	591.85	674.54
NR to Operating Costs	258.69	152.30	52.78	155.60	158.19	421.35	428.06
Capital Recovery	111.61	66.81	65.66	65.45	62.36	79.44	79.44
Total Costs	596.92	578.71	370.38	365.85	360.17	671.29	753.98
Net Returns	147.08	85.49	-12.88	90.15	95.83	341.91	348.62

¹Value is for an assumed commodity price.

²Boll Weevil Eradication Program fee is only applicable to cotton and is \$14 in NE Arkansas.

**Table 2. 2010 Budget Summary of Center Pivot Irrigated Arkansas Field Crops
Cotton Lint Yield in Lbs., Cotton Rebate Yield in Bales, Other Crop Yields in Bu.**

Item	Cotton	Corn	Sorghum	Soybean, on Beds	Soybean, Drilled
Yield	1,200	180	110	50	50
Price	0.56	3.69	3.25	9.12	9.12
Crop Value ¹	672.00	664.20	357.50	456.00	456.00
Cottonseed Rebate Yield	2.40	0.00	0.00	0.00	0.00
Cottonseed Rebate Price	30.00	0.00	0.00	0.00	0.00
Cottonseed Rebate ¹	72.00	0.00	0.00	0.00	0.00
Seed	100.30	97.35	19.63	44.10	44.10
Fertilizers	103.96	174.79	130.74	52.40	52.40
Chemicals	122.92	38.19	31.81	84.44	84.44
Custom Hire, Surveying	0.00	6.50	0.00	6.50	6.50
Fuel & Lube	30.66	18.00	18.25	18.47	18.58
Repairs & Maintenance	28.37	15.58	16.48	12.79	12.02
Irrigation Diesel Fuel	40.37	67.28	44.85	40.37	40.37
Supplies	0.00	0.00	0.00	0.00	0.00
Other Inputs	0.00	0.00	0.00	0.00	0.00
Labor	15.67	6.98	7.08	7.00	7.05
Scouting/Consultant	9.00	0.00	0.00	0.00	0.00
Boll Weevil Fee ²	8.00	0.00	0.00	0.00	0.00
Crop Insurance	13.00	15.52	13.71	13.03	13.03
Interest	11.22	10.45	6.71	6.63	6.61
Ginning/Drying	0.00	34.20	0.00	0.00	0.00
Hauling	0.00	39.60	24.20	11.00	11.00
Checkoff/Promotions	0.00	1.80	1.10	1.50	1.50
Cash Land Rent	0.00	0.00	0.00	0.00	0.00
Operating Costs	483.47	526.24	314.56	298.23	297.60
NR to Operating Costs	260.53	137.96	42.94	157.77	158.40
Capital Recovery	144.94	100.13	98.99	98.77	97.20
Total Costs	628.41	626.37	413.55	397.00	394.80
Net Returns	115.59	37.83	-56.05	59.00	61.20

¹Value is for an assumed commodity price.

²Boll Weevil Eradication Program fee is only applicable to cotton and is \$14 in NE Arkansas.

**Table 3. 2010 Budget Summary of Nonirrigated Arkansas Field Crops
Cotton Lint Yield in Lbs., Cotton Rebate Yield in Bales, Other Crop Yields in Bu.**

Item	Cotton	Corn	Sorghum	Wheat	Soybean, on Beds	Soybean, Drilled
Yield	800	100	70	55	30	30
Price	0.56	3.69	3.25	4.96	9.12	9.12
Crop Value ¹	448.00	369.00	227.50	272.80	273.60	273.60
Cottonseed Rebate Yield	1.60	0.00	0.00	0.00	0.00	0.00
Cottonseed Rebate Price	30.00	0.00	0.00	0.00	0.00	0.00
Cottonseed Rebate ¹	48.00	0.00	0.00	0.00	0.00	0.00
Seed	100.30	76.70	13.59	25.00	44.10	44.10
Fertilizers	89.76	130.91	102.88	86.77	52.40	52.40
Chemicals	115.90	38.19	31.81	24.91	84.44	84.44
Custom Hire, Surveying	0.00	6.50	0.00	6.50	6.50	6.50
Fuel & Lube	30.42	18.00	18.25	16.68	18.47	18.58
Repairs & Maintenance	23.93	12.89	12.00	9.75	11.18	10.40
Irrigation Diesel Fuel	0.00	0.00	0.00	0.00	0.00	0.00
Supplies	0.00	0.00	0.00	0.00	0.00	0.00
Other Inputs	0.00	0.00	0.00	0.00	0.00	0.00
Labor	15.56	6.98	7.08	6.43	7.00	7.05
Scouting/Consultant	9.00	0.00	0.00	0.00	0.00	0.00
Boll Weevil Fee ²	8.00	0.00	0.00	0.00	0.00	0.00
Crop Insurance	12.86	15.52	13.71	14.75	13.03	13.03
Interest	9.64	7.26	4.73	4.53	5.63	5.62
Ginning/Drying	0.00	19.00	0.00	0.00	0.00	0.00
Hauling	0.00	22.00	15.40	12.10	6.60	6.60
Checkoff/Promotions	0.00	1.00	0.70	0.00	0.90	0.90
Cash Land Rent	0.00	0.00	0.00	0.00	0.00	0.00
Operating Costs	415.37	354.95	220.15	207.42	250.25	249.62
NR to Operating Costs	80.63	14.05	7.35	65.38	23.35	23.98
Capital Recovery	94.81	50.67	49.53	44.18	49.31	47.74
Total Costs	510.18	405.62	269.68	251.60	299.56	297.36
Net Returns	-14.18	-36.62	-42.18	21.20	-25.96	-23.76

¹Value is for an assumed commodity price.

²Boll Weevil Eradication Program fee is only applicable to cotton and is \$14 in NE Arkansas.

Cotton Budgets
for
2010 Planting

Table 4. 2010 Cotton Budget with Cottonseed Rebate: Stacked Gene, Furrow Irrigation

CROP VALUE¹	Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value, Includes Estimated LDP	100%	Lbs	1,200	0.56	672.00	_____
Cottonseed Rebate	100%	Bale	2,400	30.00	72.00	_____
OPERATING EXPENSES		Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees ²	100%	Acre	1	100.30	100.30	_____
Fertilizers						
Nitrogen	100%	Lbs	100	0.46	46.00	_____
Phosphate (P2O5)	100%	Lbs	40	0.45	17.83	_____
Potash (K2O)	100%	Lbs	70	0.50	35.00	_____
Boron	100%	Lbs	0.5	3.60	1.80	_____
Sulfur	100%	Lbs	15	0.22	3.33	_____
Poultry Litter, Other Nutrients	100%	Acre	0.0	0.00	0.00	_____
Herbicides	100%	Acre	1	66.67	66.67	_____
Insecticides	100%	Acre	1	35.18	35.18	_____
Nematicide	100%	Acre	1	0.00	0.00	_____
Growth Regulator, Harvest Aids, Other Chemicals	100%	Acre	1	21.07	21.07	_____
Custom Chemical & Fertilizer Applications						
Ground Application: Fertilizer & Chemical	100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical	100%	Appl	0	6.50	0.00	_____
Other Custom Hire	100%	Appl	0	0.00	0.00	_____
Machinery and Equipment						
Diesel Fuel & Lube, Pre & Post Harvest	100%	Gallons	5,801	2.50	14.50	_____
Repairs and Maintenance, Pre & Post Harvest	100%	Acre	1	13.21	13.21	_____
Diesel Fuel & Lube, Harvest	100%	Gallons	6,862	2.50	17.16	_____
Repairs and Maintenance, Harvest	100%	Acre	1	14.84	14.84	_____
Irrigation Diesel Fuel	100%	Ac-In	12	2.95	35.43	_____
Supplies (ex. polypipe)	100%	Acre	1	5.50	5.50	_____
Other Inputs	100%	Acre	1	0.00	0.00	_____
Labor	100%	Hrs	1,593	10.19	16.23	_____
Scouting/Consultant Fee	100%	Acre	1	9.00	9.00	_____
Boll Weevil Eradication Fee ³	100%	Acre	1	8.00	8.00	_____
Crop Insurance	100%	Acre	1	13.00	13.00	_____
Interest, 6 Months: Annual Rate 4.75%	100%	Dollars	474.04	0.0238	11.26	_____
Post-Harvest Expenses						
Hauling, Ginning	0%	Lbs	1200	0.09	0.00	_____
Storage and Warehousing	0%	Bale	2.40	10.50	0.00	_____
Promotions, Boards, Classing	0%	Bale	2.40	5.50	0.00	_____
Cash Rent		Acre	1	0	0.00	_____
Total Operating Expenses					\$485.30	_____
Net Returns to Operating Expenses					\$258.70	_____
CAPITAL RECOVERY & OVERHEAD						
Pre-Harvest and Harvest Machinery		Acre	1	77.97	77.97	_____
Irrigation Machinery & Equipment		Acre	1	14.15	14.15	_____
Miscellaneous Overhead		Acre	1	19.49	19.49	_____
Total Capital Recovery & Overhead					\$111.62	_____
TOTAL EXPENSES					\$596.92	_____
NET RETURNS					\$147.08	_____

¹Value presented is at an assumed price received for stacked gene cotton.²Technology fees may vary by geographical location.³Boll weevil eradication fee is \$14.00 per acre in Northeastern Arkansas.

Table 4-A. Furrow Irrigated Cotton, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Paratill, 1/2 of land	6 Row	225 hp MFWD	Fall Tillage	0.69	1.88	0.34	0.14	1.74	0.68	5.47
Hipper, 1/2 of land	12 Row	225 hp MFWD	Fall Tillage	0.46	0.84	0.19	0.06	0.77	0.30	2.62
Hi-Clearance Sprayer	90 ft.		Herbicide (Burndown)	0.53		0.40		0.24	0.10	1.27
Hipper	12 Row	225 hp MFWD	Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Do All (Seedbed Finisher)	12 Row	225 hp MFWD	Tillage	0.52	1.07	0.15	0.08	0.99	0.39	3.20
Planter	12 Row	225 hp MFWD	Plant	1.66	1.64	1.16	0.12	1.52	0.66	6.76
Hi-Clearance Sprayer	90 ft.		Herbicide	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Herbicide, Insecticide	0.53		0.40		0.24	0.10	1.27
Knife Rig	12 Row	225 hp MFWD	Fertilizer	1.31	1.30	0.78	0.10	1.21	0.60	5.30
Hi-Clearance Sprayer	90 ft.		Herbicide, Insecticide	0.53		0.40		0.24	0.10	1.27
Irrigation Sweep	12 Row	225 hp MFWD	Tillage	0.38	0.84	0.10	0.06	0.77	0.30	2.45
Irrigation Polypipe Spool		225 hp MFWD	Total Season Activities	0.13	0.24	0.00	0.02	0.23	0.26	0.88
Hooded Sprayer	12 Row	225 hp MFWD	Herbicide	0.61	1.23	0.36	0.09	1.14	0.44	3.87
Hi-Clearance Sprayer	90 ft.		Insecticide, Harvest Aid	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Insecticide, Harvest Aid	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Insecticide	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Harvest Aid	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Harvest Aid	0.53		0.40		0.24	0.10	1.27
Picker	6 Row		Harvest	36.26		10.45		7.51	2.00	56.22
Boll Buggy		225 hp MFWD	Harvest	2.24	5.22	1.09	0.38	4.83	2.00	15.76
Module Builder		225 hp MFWD	Harvest	3.09	5.22	2.53	0.38	4.83	6.01	22.06
Mower	20 ft.	225 hp MFWD	Mow Stalks	0.87	2.04	1.45	0.15	1.89	0.78	7.18

Table 5. 2010 Cotton Budget with Cottonseed Rebate: Stacked Gene, Center Pivot Irrigation

CROP VALUE¹	Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value, Includes Estimated LDP	100%	Lbs	1,200	0.56	672.00	_____
Cottonseed Rebate	100%	Bale	2,400	30.00	72.00	_____
OPERATING EXPENSES		Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees ²	100%	Acre	1	100.30	100.30	_____
Fertilizers						
Nitrogen	100%	Lbs	100	0.46	46.00	_____
Phosphate (P2O5)	100%	Lbs	40	0.45	17.83	_____
Potash (K2O)	100%	Lbs	70	0.50	35.00	_____
Boron	100%	Lbs	0.5	3.60	1.80	_____
Sulfur	100%	Lbs	15	0.22	3.33	_____
Poultry Litter, Other Nutrients	100%	Acre	0.0	0.00	0.00	_____
Herbicides	100%	Acre	1	66.67	66.67	_____
Insecticides	100%	Acre	1	35.18	35.18	_____
Nematicide	100%	Acre	1	0.00	0.00	_____
Growth Regulator, Harvest Aids, Other Chemicals	100%	Acre	1	21.07	21.07	_____
Custom Chemical & Fertilizer Applications						
Ground Application: Fertilizer & Chemical	100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical	100%	Appl	0	6.50	0.00	_____
Other Custom Hire	100%	Appl	0	0.00	0.00	_____
Machinery and Equipment						
Diesel Fuel & Lube, Pre & Post Harvest	100%	Gallons	5,402	2.50	13.50	_____
Repairs and Maintenance, Pre & Post Harvest	100%	Acre	1	13.53	13.53	_____
Diesel Fuel & Lube, Harvest	100%	Gallons	6,862	2.50	17.16	_____
Repairs and Maintenance, Harvest	100%	Acre	1	14.84	14.84	_____
Irrigation Diesel Fuel	100%	Ac-In	9	4.49	40.37	_____
Supplies (ex. other)	100%	Acre	1	0.00	0.00	_____
Other Inputs	100%	Acre	1	0.00	0.00	_____
Labor	100%	Hrs	1,537	10.19	15.67	_____
Scouting/Consultant Fee	100%	Acre	1	9.00	9.00	_____
Boll Weevil Eradication Fee ³	100%	Acre	1	8.00	8.00	_____
Crop Insurance	100%	Acre	1	13.00	13.00	_____
Interest, 6 Months: Annual Rate 4.75%	100%	Dollars	472.23	0.0238	11.22	_____
Post-Harvest Expenses						
Ginning, Drying	0%	Lbs	1200	0.09	0.00	_____
Storage and Warehousing, Hauling	0%	Bale	2.40	10.50	0.00	_____
Promotions, Boards, Classing	0%	Bale	2.40	5.50	0.00	_____
Cash Rent		Acre	1	0	0.00	_____
Total Operating Expenses					\$483.44	_____
Net Returns to Operating Expenses					\$260.56	_____
CAPITAL RECOVERY & OVERHEAD						
Pre-Harvest and Harvest Machinery		Acre	1	76.38	76.38	_____
Irrigation Machinery & Equipment		Acre	1	49.46	49.46	_____
Miscellaneous Overhead		Acre	1	19.10	19.10	_____
Total Capital Recovery & Overhead					\$144.93	_____
TOTAL EXPENSES					\$628.38	_____
NET RETURNS					\$115.62	_____

¹Value presented is at an assumed price received for stacked gene cotton.²Technology fees may vary by geographical location.³Boll weevil eradication fee is \$14.00 per acre in Northeastern Arkansas.

Table 5-A. Center Pivot Irrigated Cotton, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Paratill, 1/2 of land	6 Row	225 hp MFWD	Fall Tillage	0.69	1.88	0.34	0.14	1.74	0.68	5.47
Hipper, 1/2 of land	12 Row	225 hp MFWD	Fall Tillage	0.46	0.84	0.19	0.06	0.77	0.30	2.62
Hi-Clearance Sprayer	90 ft.		Herbicide (Burndown)	0.53		0.40		0.24	0.10	1.27
Hipper	12 Row	225 hp MFWD	Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Do All (Seedbed Finisher)	12 Row	225 hp MFWD	Tillage	0.52	1.07	0.15	0.08	0.99	0.39	3.20
Planter	12 Row	225 hp MFWD	Plant	1.66	1.64	1.16	0.12	1.52	0.66	6.76
Hi-Clearance Sprayer	90 ft.		Herbicide	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Herbicide, Insecticide	0.53		0.40		0.24	0.10	1.27
Knife Rig	12 Row	225 hp MFWD	Fertilizer	1.31	1.30	0.78	0.10	1.21	0.60	5.30
Hi-Clearance Sprayer	90 ft.		Herbicide, Insecticide	0.53		0.40		0.24	0.10	1.27
Hooded Sprayer	12 Row	225 hp MFWD	Herbicide	0.61	1.23	0.36	0.09	1.14	0.44	3.87
Hi-Clearance Sprayer	90 ft.		Insecticide, Harvest Aid	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Insecticide, Harvest Aid	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Insecticide	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Harvest Aid	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Harvest Aid	0.53		0.40		0.24	0.10	1.27
Picker	6 Row		Harvest	36.26		10.45		7.51	2.00	56.22
Boll Buggy		225 hp MFWD	Harvest	2.24	5.22	1.09	0.38	4.83	2.00	15.76
Module Builder		225 hp MFWD	Harvest	3.09	5.22	2.53	0.38	4.83	6.01	22.06
Mower	20 ft.	225 hp MFWD	Mow Stalks	0.87	2.04	1.45	0.15	1.89	0.78	7.18

Table 6. 2010 Cotton Budget with Cottonseed Rebate: Stacked Gene, No Irrigation

CROP VALUE¹	Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value, Includes Estimated LDP	100%	Lbs	800	0.56	448.00	_____
Cottonseed Rebate	100%	Bale	1.600	30	48.00	_____
OPERATING EXPENSES		Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees ²	100%	Acre	1	100.30	100.30	_____
Fertilizers						
Nitrogen	100%	Lbs	80	0.46	36.80	_____
Phosphate (P2O5)	100%	Lbs	40	0.45	17.83	_____
Potash (K2O)	100%	Lbs	60	0.50	30.00	_____
Boron	100%	Lbs	0.5	3.60	1.80	_____
Sulfur	100%	Lbs	15	0.22	3.33	_____
Poultry Litter, Other Nutrients	100%	Acre	0.0	0.00	0.00	_____
Herbicides	100%	Acre	1	66.67	66.67	_____
Insecticides	100%	Acre	1	35.18	35.18	_____
Nematicide	100%	Acre	1	0.00	0.00	_____
Growth Regulator, Harvest Aids, Other Chemicals	100%	Acre	1	14.05	14.05	_____
Custom Chemical & Fertilizer Applications						
Ground Application: Fertilizer & Chemical	100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical	100%	Appl	0	6.50	0.00	_____
Other Custom Hire	100%	Appl	0	0.00	0.00	_____
Machinery and Equipment						
Diesel Fuel & Lube, Pre & Post Harvest	100%	Gallons	5.305	2.50	13.26	_____
Repairs and Maintenance, Pre & Post Harvest	100%	Acre	1	9.09	9.09	_____
Diesel Fuel & Lube, Harvest	100%	Gallons	6.862	2.50	17.16	_____
Repairs and Maintenance, Harvest	100%	Acre	1	14.84	14.84	_____
Irrigation Diesel Fuel	100%	Ac-In	0	0.00	0.00	_____
Supplies (ex. other)	100%	Acre	1	0.00	0.00	_____
Other Inputs	100%	Acre	1	0.00	0.00	_____
Labor	100%	Hrs	1.527	10.19	15.56	_____
Scouting/Consultant Fee	100%	Acre	1	9.00	9.00	_____
Boll Weevil Eradication Fee ³	100%	Acre	1	8.00	8.00	_____
Crop Insurance	100%	Acre	1	12.86	12.86	_____
Interest, 6 Months: Annual Rate 4.75%	100%	Dollars	405.71	0.0238	9.64	_____
Post-Harvest Expenses						
Hauling, Ginning	0%	Lbs	800	0.09	0.00	_____
Storage and Warehousing, Hauling	0%	Bale	1.60	10.50	0.00	_____
Promotions, Boards, Classing	0%	Bale	1.60	5.50	0.00	_____
Cash Rent		Acre	1	0	0.00	_____
Total Operating Expenses					\$415.35	_____
Net Returns to Operating Expenses					\$80.65	_____
CAPITAL RECOVERY & OVERHEAD						
Pre-Harvest and Harvest Machinery		Acre	1	75.85	75.85	_____
Irrigation Machinery & Equipment		Acre	1	0.00	0.00	_____
Miscellaneous Overhead		Acre	1	18.96	18.96	_____
Total Capital Recovery & Overhead					\$94.81	_____
TOTAL EXPENSES					\$510.16	_____
NET RETURNS					-\$14.16	_____

¹Value presented is at an assumed price received for stacked gene cotton.²Technology fees may vary by geographical location.³Boll weevil eradication fee is \$14.00 per acre in Northeastern Arkansas.

Table 6-A. Nonirrigated Cotton, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Paratill, 1/2 of land	6 Row	225 hp MFWD	Fall Tillage	0.69	1.88	0.34	0.14	1.74	0.68	5.47
Hipper, 1/2 of land	12 Row	225 hp MFWD	Fall Tillage	0.46	0.84	0.19	0.06	0.77	0.30	2.62
Hi-Clearance Sprayer	90 ft.		Herbicide (Burndown)	0.53		0.40		0.24	0.10	1.27
Hipper	12 Row	225 hp MFWD	Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Do All (Seedbed Finisher)	12 Row	225 hp MFWD	Tillage	0.52	1.07	0.15	0.08	0.99	0.39	3.20
Planter	12 Row	225 hp MFWD	Plant	1.66	1.64	1.16	0.12	1.52	0.66	6.76
Hi-Clearance Sprayer	90 ft.		Herbicide	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Herbicide, Insecticide	0.53		0.40		0.24	0.10	1.27
Knife Rig	12 Row	225 hp MFWD	Fertilizer	1.31	1.30	0.78	0.10	1.21	0.60	5.30
Hi-Clearance Sprayer	90 ft.		Herbicide, Insecticide	0.53		0.40		0.24	0.10	1.27
Hooded Sprayer	12 Row	225 hp MFWD	Herbicide	0.61	1.23	0.36	0.09	1.14	0.44	3.87
Hi-Clearance Sprayer	90 ft.		Insecticide, Harvest Aid	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Insecticide, Harvest Aid	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Insecticide	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Harvest Aid	0.53		0.40		0.24	0.10	1.27
Picker	6 Row		Harvest	36.26		10.45		7.51	2.00	56.22
Boll Buggy		225 hp MFWD	Harvest	2.24	5.22	1.09	0.38	4.83	2.00	15.76
Module Builder		225 hp MFWD	Harvest	3.09	5.22	2.53	0.38	4.83	6.01	22.06
Mower	20 ft.	225 hp MFWD	Mow Stalks	0.87	2.04	1.45	0.15	1.89	0.78	7.18

Table 7. 2010 Cotton Budget with Cottonseed Value: Stacked Gene, Furrow Irrigation

CROP VALUE¹				Grower %	Unit	Yield	Price/Unit	Revenue
Crop Value, Includes Estimated LDP				100%	Lbs	1,200	0.56	672.00
Cottonseed Value	Seed/Lint Ratio	1.5		100%	Ton	0.900	200	180.00
OPERATING EXPENSES					Unit	Quantity	Price/Unit	Costs
Seed, Includes All Fees ²				100%	Acre	1	100.30	100.30
Fertilizers								
Nitrogen				100%	Lbs	100	0.46	46.00
Phosphate (P2O5)				100%	Lbs	40	0.45	17.83
Potash (K2O)				100%	Lbs	70	0.50	35.00
Boron				100%	Lbs	0.5	3.60	1.80
Sulfur				100%	Lbs	15	0.22	3.33
Poultry Litter, Other Nutrients				100%	Acre	0.0	0.00	0.00
Herbicides				100%	Acre	1	66.67	66.67
Insecticides				100%	Acre	1	35.18	35.18
Nematicide				100%	Acre	1	0.00	0.00
Growth Regulator, Harvest Aids, Other Chemicals				100%	Acre	1	21.07	21.07
Custom Chemical & Fertilizer Applications								
Ground Application: Fertilizer & Chemical				100%	Appl	0	5.50	0.00
Air Application: Fertilizer & Chemical				100%	Appl	0	6.50	0.00
Other Custom Hire				100%	Appl	0	0.00	0.00
Machinery and Equipment								
Diesel Fuel & Lube, Pre & Post Harvest				100%	Gallons	5.801	2.50	14.50
Repairs and Maintenance, Pre & Post Harvest				100%	Acre	1	13.21	13.21
Diesel Fuel & Lube, Harvest				100%	Gallons	6.862	2.50	17.16
Repairs and Maintenance, Harvest				100%	Acre	1	14.84	14.84
Irrigation Diesel Fuel				100%	Ac-In	12	2.95	35.43
Supplies (ex. polypipe)				100%	Acre	1	5.50	5.50
Other Inputs				100%	Acre	1	0.00	0.00
Labor				100%	Hrs	1.593	10.19	16.23
Scouting/Consultant Fee				100%	Acre	1	9.00	9.00
Boll Weevil Eradication Fee ³				100%	Acre	1	8.00	8.00
Crop Insurance				100%	Acre	1	13.00	13.00
Interest, 6 Months:	Annual Rate	4.75%		100%	Dollars	474.04	0.0238	11.26
Post-Harvest Expenses								
Hauling, Ginning				100%	Lbs	1200	0.09	108.00
Storage and Warehousing				100%	Bale	2.40	10.50	25.20
Promotions, Boards, Classing				100%	Bale	2.40	5.50	13.20
Cash Rent					Acre	1	0	0.00
Total Operating Expenses								\$631.70
Net Returns to Operating Expenses								\$220.30
CAPITAL RECOVERY & OVERHEAD								
Pre-Harvest and Harvest Machinery					Acre	1	77.97	77.97
Irrigation Machinery & Equipment					Acre	1	14.15	14.15
Miscellaneous Overhead					Acre	1	19.49	19.49
Total Capital Recovery & Overhead								\$111.62
TOTAL EXPENSES								\$743.32
NET RETURNS								\$108.68

¹Value presented is at an assumed price received for stacked gene cotton.²Technology fees may vary by geographical location.³Boll weevil eradication fee is \$14.00 per acre in Northeastern Arkansas.

Table 8. 2010 Cotton Budget with Cottonseed Value: Stacked Gene, Center Pivot Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value, Includes Estimated LDP		100%	Lbs	1,200	0.56	672.00	_____
Cottonseed Value	Seed/Lint Ratio	100%	Ton	0.900	200	180.00	_____
	1.5						_____
OPERATING EXPENSES							
			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees ²		100%	Acre	1	100.30	100.30	_____
Fertilizers							
Nitrogen		100%	Lbs	100	0.46	46.00	_____
Phosphate (P2O5)		100%	Lbs	40	0.45	17.83	_____
Potash (K2O)		100%	Lbs	70	0.50	35.00	_____
Boron		100%	Lbs	0.5	3.60	1.80	_____
Sulfur		100%	Lbs	15	0.22	3.33	_____
Poultry Litter, Other Nutrients		100%	Acre	0.0	0.00	0.00	_____
Herbicides		100%	Acre	1	66.67	66.67	_____
Insecticides		100%	Acre	1	35.18	35.18	_____
Nematicide		100%	Acre	1	0.00	0.00	_____
Growth Regulator, Harvest Aids, Other Chemicals		100%	Acre	1	21.07	21.07	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical		100%	Appl	0	6.50	0.00	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	5.402	2.50	13.50	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	13.53	13.53	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	6.862	2.50	17.16	_____
Repairs and Maintenance, Harvest		100%	Acre	1	14.84	14.84	_____
Irrigation Diesel Fuel		100%	Ac-In	9	4.49	40.37	_____
Supplies (ex. other)		100%	Acre	1	0.00	0.00	_____
Other Inputs		100%	Acre	1	0.00	0.00	_____
Labor		100%	Hrs	1.537	10.19	15.67	_____
Scouting/Consultant Fee		100%	Acre	1	9.00	9.00	_____
Boll Weevil Eradication Fee ³		100%	Acre	1	8.00	8.00	_____
Crop Insurance		100%	Acre	1	13.00	13.00	_____
Interest, 6 Months:	Annual Rate	100%	Dollars	472.23	0.0238	11.22	_____
	4.75%						_____
Post-Harvest Expenses							
Ginning, Drying		100%	Lbs	1200	0.09	108.00	_____
Storage and Warehousing, Hauling		100%	Bale	2.40	10.50	25.20	_____
Promotions, Boards, Classing		100%	Bale	2.40	5.50	13.20	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$629.84	_____
Net Returns to Operating Expenses						\$222.16	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	76.38	76.38	_____
Irrigation Machinery & Equipment			Acre	1	49.46	49.46	_____
Miscellaneous Overhead			Acre	1	19.10	19.10	_____
Total Capital Recovery & Overhead						\$144.93	_____
TOTAL EXPENSES						\$774.78	_____
NET RETURNS						\$77.22	_____

¹Value presented is at an assumed price received for stacked gene cotton.²Technology fees may vary by geographical location.³Boll weevil eradication fee is \$14.00 per acre in Northeastern Arkansas.

Table 9. 2010 Cotton Budget with Cottonseed Value: Stacked Gene, No Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value, Includes Estimated LDP		100%	Lbs	800	0.56	448.00	_____
Cottonseed Value	Seed/Lint Ratio	100%	Ton	0.600	200	120.00	_____
	1.5						_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees ²		100%	Acre	1	100.30	100.30	_____
Fertilizers							
	Nitrogen	100%	Lbs	80	0.46	36.80	_____
	Phosphate (P2O5)	100%	Lbs	40	0.45	17.83	_____
	Potash (K2O)	100%	Lbs	60	0.50	30.00	_____
	Boron	100%	Lbs	0.5	3.60	1.80	_____
	Sulfur	100%	Lbs	15	0.22	3.33	_____
	Poultry Litter, Other Nutrients	100%	Acre	0.0	0.00	0.00	_____
Herbicides		100%	Acre	1	66.67	66.67	_____
Insecticides		100%	Acre	1	35.18	35.18	_____
Nematicide		100%	Acre	1	0.00	0.00	_____
Growth Regulator, Harvest Aids, Other Chemicals		100%	Acre	1	14.05	14.05	_____
Custom Chemical & Fertilizer Applications							
	Ground Application: Fertilizer & Chemical	100%	Appl	0	5.50	0.00	_____
	Air Application: Fertilizer & Chemical	100%	Appl	0	6.50	0.00	_____
	Other Custom Hire	100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
	Diesel Fuel & Lube, Pre & Post Harvest	100%	Gallons	5.305	2.50	13.26	_____
	Repairs and Maintenance, Pre & Post Harvest	100%	Acre	1	9.09	9.09	_____
	Diesel Fuel & Lube, Harvest	100%	Gallons	6.862	2.50	17.16	_____
	Repairs and Maintenance, Harvest	100%	Acre	1	14.84	14.84	_____
Irrigation Diesel Fuel		100%	Ac-In	0	0.00	0.00	_____
Supplies (ex. other)		100%	Acre	1	0.00	0.00	_____
Other Inputs		100%	Acre	1	0.00	0.00	_____
Labor		100%	Hrs	1.527	10.19	15.56	_____
Scouting/Consultant Fee		100%	Acre	1	9.00	9.00	_____
Boll Weevil Eradication Fee ³		100%	Acre	1	8.00	8.00	_____
Crop Insurance		100%	Acre	1	12.86	12.86	_____
Interest, 6 Months:	Annual Rate	100%	Dollars	405.71	0.0238	9.64	_____
	4.75%						_____
Post-Harvest Expenses							
	Hauling, Ginning	100%	Lbs	800	0.09	72.00	_____
	Storage and Warehousing, Hauling	100%	Bale	1.60	10.50	16.80	_____
	Promotions, Boards, Classing	100%	Bale	1.60	5.50	8.80	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$512.95	_____
Net Returns to Operating Expenses						\$55.05	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	75.85	75.85	_____
Irrigation Machinery & Equipment			Acre	1	0.00	0.00	_____
Miscellaneous Overhead			Acre	1	18.96	18.96	_____
Total Capital Recovery & Overhead						\$94.81	_____
TOTAL EXPENSES						\$607.76	_____
NET RETURNS						-\$39.76	_____

¹Value presented is at an assumed price received for stacked gene cotton.

²Technology fees may vary by geographical location.

³Boll weevil eradication fee is \$14.00 per acre in Northeastern Arkansas.

Corn Budgets
for
2010 Planting

Table 10. 2010 Corn Budget: Stacked Gene, Furrow Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value		100%	Bu	180	3.69	664.20	_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees		100%	Acre	1	97.35	97.35	_____
Fertilizers							
Nitrogen		100%	Lbs	220	0.46	101.20	_____
Phosphate (P2O5)		100%	Lbs	75	0.45	33.42	_____
Potash (K2O)		100%	Lbs	75	0.50	37.50	_____
Boron		100%	Lbs	0.0	3.60	0.00	_____
Sulfur		100%	Lbs	12	0.22	2.67	_____
Other Nutrients		100%	Acre	0.0	0.00	0.00	_____
Herbicides		100%	Acre	1	38.19	38.19	_____
Insecticides		100%	Acre	1	0.00	0.00	_____
Other Chemical		100%	Acre	1	0.00	0.00	_____
Other Chemical		100%	Acre	1	0.00	0.00	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical		100%	Appl	1	6.50	6.50	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	4.145	2.50	10.36	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	10.10	10.10	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	3.455	2.50	8.64	_____
Repairs and Maintenance, Harvest		100%	Acre	1	7.40	7.40	_____
Irrigation Diesel Fuel		100%	Ac-In	15	2.95	44.29	_____
Supplies (ex. polypipe, other)		100%	Acre	1	5.50	5.50	_____
Other Inputs		100%	Acre	1	0.00	0.00	_____
Labor		100%	Hrs	0.740	10.19	7.54	_____
Scouting/Consultant Fee		100%	Acre	1	0.00	0.00	_____
Other Expenses		100%	Acre	1	0.00	0.00	_____
Crop Insurance		100%	Acre	1	15.52	15.52	_____
Interest, 6 Months:	Annual Rate						
							4.75%
Interest, 6 Months:		100%	Dollars	426.18	0.0238	10.12	_____
Post-Harvest Expenses							
Drying		100%	Bu	180	0.19	34.20	_____
Hauling		100%	Bu	180	0.22	39.60	_____
Check Off		100%	Bu	180	0.01	1.80	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$511.91	_____
Net Returns to Operating Expenses						\$152.29	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	42.13	42.13	_____
Irrigation Machinery & Equipment			Acre	1	14.15	14.15	_____
Miscellaneous Overhead			Acre	1	10.53	10.53	_____
Total Capital Recovery & Overhead						\$66.82	_____
TOTAL EXPENSES						\$578.72	_____
NET RETURNS						\$85.48	_____

¹Value presented is at an assumed price received for stacked gene corn.

Table 10-A. Furrow Irrigated Corn, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Disk	37 ft.	225 hp MFWD	Fall Tillage	1.74	1.40	0.59	0.10	1.30	0.51	5.64
Hipper	12 Row	225 hp MFWD	Fall Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Hi-Clearance Sprayer	90 ft.		Herbicide (Burndown)	0.53		0.40		0.24	0.10	1.27
Hipper	12 Row	225 hp MFWD	Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Do All (Seedbed Finisher)	12 Row	225 hp MFWD	Tillage	0.52	1.07	0.15	0.08	0.99	0.39	3.20
Planter	12 Row	225 hp MFWD	Plant	1.66	1.64	1.16	0.12	1.52	0.66	6.76
Hi-Clearance Sprayer	90 ft.		Herbicide, Insecticide	0.53		0.40		0.24	0.10	1.27
Knife Rig	12 Row	225 hp MFWD	Fertilizer	1.31	1.30	0.78	0.10	1.21	0.60	5.30
Irrigation Sweep	12 Row	225 hp MFWD	Tillage	0.38	0.84	0.10	0.06	0.77	0.30	2.45
Irrigation Polypipe Spool		225 hp MFWD	Total Season Activities	0.13	0.24	0.00	0.02	0.23	0.26	0.88
Hi-Clearance Sprayer	90 ft.		Herbicide	0.53		0.40		0.24	0.10	1.27
Air Application		Custom Hire	Fertilizer							6.50
Combine		305 HP	Harvest	14.38		3.60		4.97	1.52	24.47
Corn Head	8 Row		Harvest	2.84		2.54				5.38
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.08	3.96	0.97	0.29	3.67	1.52	11.49

Table 11. 2010 Corn Budget: Stacked Gene, Center Pivot Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value		100%	Bu	180	3.69	664.20	_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees		100%	Acre	1	97.35	97.35	_____
Fertilizers							
Nitrogen		100%	Lbs	220	0.46	101.20	_____
Phosphate (P2O5)		100%	Lbs	75	0.45	33.42	_____
Potash (K2O)		100%	Lbs	75	0.50	37.50	_____
Boron		100%	Lbs	0.0	3.60	0.00	_____
Sulfur		100%	Lbs	12	0.22	2.67	_____
Other Nutrients		100%	Acre	0.0	0.00	0.00	_____
Herbicides		100%	Acre	1	38.19	38.19	_____
Insecticides		100%	Acre	1	0.00	0.00	_____
Other Chemical		100%	Acre	1	0.00	0.00	_____
Other Chemical		100%	Acre	1	0.00	0.00	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical		100%	Appl	1	6.50	6.50	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	3.745	2.50	9.36	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	8.18	8.18	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	3.455	2.50	8.64	_____
Repairs and Maintenance, Harvest		100%	Acre	1	7.40	7.40	_____
Irrigation Diesel Fuel		100%	Ac-In	15	4.49	67.28	_____
Supplies (ex. other)		100%	Acre	1	0.00	0.00	_____
Other Inputs		100%	Acre	1	0.00	0.00	_____
Labor		100%	Hrs	0.685	10.19	6.98	_____
Scouting/Consultant Fee		100%	Acre	1	0.00	0.00	_____
Other Expenses		100%	Acre	1	0.00	0.00	_____
Crop Insurance		100%	Acre	1	15.52	15.52	_____
Interest, 6 Months:	Annual Rate						
							4.75%
Interest, 6 Months:		100%	Dollars	440.19	0.0238	10.45	_____
Post-Harvest Expenses							
Drying		100%	Bu	180	0.19	34.20	_____
Hauling		100%	Bu	180	0.22	39.60	_____
Check Off		100%	Bu	180	0.01	1.80	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$526.24	_____
Net Returns to Operating Expenses						\$137.96	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	40.54	40.54	_____
Irrigation Machinery & Equipment			Acre	1	49.46	49.46	_____
Miscellaneous Overhead			Acre	1	10.13	10.13	_____
Total Capital Recovery & Overhead						\$100.13	_____
TOTAL EXPENSES						\$626.37	_____
NET RETURNS						\$37.83	_____

¹Value presented is at an assumed price received for stacked gene corn.

Table 11-A. Center Pivot Irrigated Corn, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Disk	37 ft.	225 hp MFWD	Fall Tillage	1.74	1.40	0.59	0.10	1.30	0.51	5.64
Hipper	12 Row	225 hp MFWD	Fall Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Hi-Clearance Sprayer	90 ft.		Herbicide (Burndown)	0.53		0.40		0.24	0.10	1.27
Hipper	12 Row	225 hp MFWD	Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Do All (Seedbed Finisher)	12 Row	225 hp MFWD	Tillage	0.52	1.07	0.15	0.08	0.99	0.39	3.20
Planter	12 Row	225 hp MFWD	Plant	1.66	1.64	1.16	0.12	1.52	0.66	6.76
Hi-Clearance Sprayer	90 ft.		Herbicide, Insecticide	0.53		0.40		0.24	0.10	1.27
Knife Rig	12 Row	225 hp MFWD	Fertilizer	1.31	1.30	0.78	0.10	1.21	0.60	5.30
Hi-Clearance Sprayer	90 ft.		Herbicide	0.53		0.40		0.24	0.10	1.27
Air Application		Custom Hire	Fertilizer							6.50
Combine		305 HP	Harvest	14.38		3.60		4.97	1.52	24.47
Corn Head	8 Row		Harvest	2.84		2.54				5.38
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.08	3.96	0.97	0.29	3.67	1.52	11.49

Table 12. 2010 Corn Budget: Stacked Gene, No Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value		100%	Bu	100	3.69	369.00	_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees		100%	Acre	1	76.70	76.70	_____
Fertilizers							
Nitrogen		100%	Lbs	150	0.46	69.00	_____
Phosphate (P2O5)		100%	Lbs	60	0.45	26.74	_____
Potash (K2O)		100%	Lbs	65	0.50	32.50	_____
Boron		100%	Lbs	0.0	3.60	0.00	_____
Sulfur		100%	Lbs	12	0.22	2.67	_____
Other Nutrients		100%	Acre	0.0	0.00	0.00	_____
Herbicides		100%	Acre	1	38.19	38.19	_____
Insecticides		100%	Acre	1	0.00	0.00	_____
Other Chemical		100%	Acre	1	0.00	0.00	_____
Other Chemical		100%	Acre	1	0.00	0.00	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical		100%	Appl	1	6.50	6.50	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	3.745	2.50	9.36	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	5.49	5.49	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	3.455	2.50	8.64	_____
Repairs and Maintenance, Harvest		100%	Acre	1	7.40	7.40	_____
Irrigation Diesel Fuel		100%	Ac-In	0	0.00	0.00	_____
Supplies (ex. other)		100%	Acre	1	0.00	0.00	_____
Other Inputs		100%	Acre	1	0.00	0.00	_____
Labor		100%	Hrs	0.685	10.19	6.98	_____
Scouting/Consultant Fee		100%	Acre	1	0.00	0.00	_____
Other Expenses		100%	Acre	1	0.00	0.00	_____
Crop Insurance		100%	Acre	1	15.52	15.52	_____
Interest, 6 Months:	Annual Rate						
							4.75%
Interest, 6 Months:		100%	Dollars	305.68	0.0238	7.26	_____
Post-Harvest Expenses							
Drying		100%	Bu	100	0.19	19.00	_____
Hauling		100%	Bu	100	0.22	22.00	_____
Check Off		100%	Bu	100	0.01	1.00	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$354.94	_____
Net Returns to Operating Expenses						\$14.06	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	40.54	40.54	_____
Irrigation Machinery & Equipment			Acre	1	0.00	0.00	_____
Miscellaneous Overhead			Acre	1	10.13	10.13	_____
Total Capital Recovery & Overhead						\$50.67	_____
TOTAL EXPENSES						\$405.62	_____
NET RETURNS						-\$36.62	_____

¹Value presented is at an assumed price received for stacked gene corn.

Table 12-A. Nonirrigated Corn, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Disk	37 ft.	225 hp MFWD	Fall Tillage	1.74	1.40	0.59	0.10	1.30	0.51	5.64
Hipper	12 Row	225 hp MFWD	Fall Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Hi-Clearance Sprayer	90 ft.		Herbicide (Burndown)	0.53		0.40		0.24	0.10	1.27
Hipper	12 Row	225 hp MFWD	Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Do All (Seedbed Finisher)	12 Row	225 hp MFWD	Tillage	0.52	1.07	0.15	0.08	0.99	0.39	3.20
Planter	12 Row	225 hp MFWD	Plant	1.66	1.64	1.16	0.12	1.52	0.66	6.76
Hi-Clearance Sprayer	90 ft.		Herbicide, Insecticide	0.53		0.40		0.24	0.10	1.27
Knife Rig	12 Row	225 hp MFWD	Fertilizer	1.31	1.30	0.78	0.10	1.21	0.60	5.30
Hi-Clearance Sprayer	90 ft.		Herbicide	0.53		0.40		0.24	0.10	1.27
Air Application		Custom Hire	Fertilizer							6.50
Combine		305 HP	Harvest	14.38		3.60		4.97	1.52	24.47
Corn Head	8 Row		Harvest	2.84		2.54				5.38
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.08	3.96	0.97	0.29	3.67	1.52	11.49

Sorghum Budgets
for
2010 Planting

Table 13. 2010 Sorghum Budget: Furrow Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value		100%	Bu	110	3.25	357.50	_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees		100%	Acre	1	19.63	19.63	_____
Fertilizers							
Nitrogen		100%	Lbs	150	0.46	69.00	_____
Phosphate (P2O5)		100%	Lbs	60	0.45	26.74	_____
Potash (K2O)		100%	Lbs	70	0.50	35.00	_____
Boron		100%	Lbs	0.0	3.60	0.00	_____
Sulfur		100%	Lbs	0	0.22	0.00	_____
Other Nutrients		100%	Acre	0.0	0.00	0.00	_____
Herbicides		100%	Acre	1	27.30	27.30	_____
Insecticides		100%	Acre	1	4.51	4.51	_____
Other Chemical		100%	Acre	1	0.00	0.00	_____
Other Chemical		100%	Acre	1	0.00	0.00	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical		100%	Appl	0	6.50	0.00	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	4.242	2.50	10.60	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	9.03	9.03	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	3.455	2.50	8.64	_____
Repairs and Maintenance, Harvest		100%	Acre	1	6.10	6.10	_____
Irrigation Diesel Fuel		100%	Ac-In	10	2.95	29.53	_____
Supplies (ex. polypipe, other)		100%	Acre	1	5.50	5.50	_____
Other Inputs		100%	Acre	1	0.00	0.00	_____
Labor		100%	Hrs	0.750	10.19	7.65	_____
Scouting/Consultant Fee		100%	Acre	1	0.00	0.00	_____
Other Expenses		100%	Acre	1	0.00	0.00	_____
Crop Insurance		100%	Acre	1	13.71	13.71	_____
Interest, 6 Months:	Annual Rate	100%	Dollars	272.93	0.0238	6.48	_____
						4.75%	
Post-Harvest Expenses							
Hauling		100%	Bu	110	0.22	24.20	_____
Checkoff		100%	Bu	110	0.01	1.10	_____
Other Post-Harvest Expenses		100%	Bu	110	0.00	0.00	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$304.71	_____
Net Returns to Operating Expenses						\$52.79	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	41.21	41.21	_____
Irrigation Machinery & Equipment			Acre	1	14.15	14.15	_____
Miscellaneous Overhead			Acre	1	10.30	10.30	_____
Total Capital Recovery & Overhead						\$65.67	_____
TOTAL EXPENSES						\$370.38	_____
NET RETURNS						-\$12.88	_____

¹Value presented is at an assumed price received for sorghum.

Table 13-A. Furrow Irrigated Sorghum, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Disk	37 ft.	225 hp MFWD	Fall Tillage	1.74	1.40	0.59	0.10	1.30	0.51	5.64
Hipper	12 Row	225 hp MFWD	Fall Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Hi-Clearance Sprayer	90 ft.		Herbicide (Burndown)	0.53		0.40		0.24	0.10	1.27
Hipper	12 Row	225 hp MFWD	Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Do All (Seedbed Finisher)	12 Row	225 hp MFWD	Tillage	0.52	1.07	0.15	0.08	0.99	0.39	3.20
Planter	12 Row	225 hp MFWD	Plant	1.66	1.64	1.16	0.12	1.52	0.66	6.76
Hi-Clearance Sprayer	90 ft.		Herbicide	0.53		0.40		0.24	0.10	1.27
Knife Rig	12 Row	225 hp MFWD	Fertilizer	1.31	1.30	0.78	0.10	1.21	0.60	5.30
Irrigation Sweep	12 Row	225 hp MFWD	Tillage	0.38	0.84	0.10	0.06	0.77	0.30	2.45
Irrigation Polypipe Spool		225 hp MFWD	Total Season Activities	0.13	0.24	0.00	0.02	0.23	0.26	0.88
Hi-Clearance Sprayer	90 ft.		Herbicide	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Insecticide	0.53		0.40		0.24	0.10	1.27
Combine		305 HP	Harvest	14.38		3.60		4.97	1.52	24.47
Head	25 ft Rigid		Harvest	1.39		1.24				2.63
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.08	3.96	0.97	0.29	3.67	1.52	11.49

Table 14. 2010 Sorghum Budget: Center Pivot Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value		100%	Bu	110	3.25	357.50	_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees		100%	Acre	1	19.63	19.63	_____
Fertilizers							
Nitrogen		100%	Lbs	150	0.46	69.00	_____
Phosphate (P2O5)		100%	Lbs	60	0.45	26.74	_____
Potash (K2O)		100%	Lbs	70	0.50	35.00	_____
Boron		100%	Lbs	0.0	3.60	0.00	_____
Sulfur		100%	Lbs	0	0.22	0.00	_____
Other Nutrients		100%	Acre	0.0	0.00	0.00	_____
Herbicides		100%	Acre	1	27.30	27.30	_____
Insecticides		100%	Acre	1	4.51	4.51	_____
Other Chemical		100%	Acre	1	0.00	0.00	_____
Other Chemical		100%	Acre	1	0.00	0.00	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical		100%	Appl	0	6.50	0.00	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	3.842	2.50	9.61	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	10.38	10.38	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	3.455	2.50	8.64	_____
Repairs and Maintenance, Harvest		100%	Acre	1	6.10	6.10	_____
Irrigation Diesel Fuel		100%	Ac-In	10	4.49	44.85	_____
Supplies (ex. other)		100%	Acre	1	0.00	0.00	_____
Other Inputs		100%	Acre	1	0.00	0.00	_____
Labor		100%	Hrs	0.695	10.19	7.08	_____
Scouting/Consultant Fee		100%	Acre	1	0.00	0.00	_____
Other Expenses		100%	Acre	1	0.00	0.00	_____
Crop Insurance		100%	Acre	1	13.71	13.71	_____
Interest, 6 Months:	Annual Rate						
							4.75%
Interest, 6 Months:		100%	Dollars	282.54	0.0238	6.71	_____
Post-Harvest Expenses							
Hauling		100%	Bu	110	0.22	24.20	_____
Checkoff		100%	Bu	110	0.01	1.10	_____
Other Post-Harvest Expenses		100%	Bu	110	0.00	0.00	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$314.55	_____
Net Returns to Operating Expenses						\$42.95	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	39.62	39.62	_____
Irrigation Machinery & Equipment			Acre	1	49.46	49.46	_____
Miscellaneous Overhead			Acre	1	9.91	9.91	_____
Total Capital Recovery & Overhead						\$98.98	_____
TOTAL EXPENSES						\$413.53	_____
NET RETURNS						-\$56.03	_____

¹Value presented is at an assumed price received for sorghum.

Table 14-A. Center Pivot Irrigated Sorghum, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Disk	37 ft.	225 hp MFWD	Fall Tillage	1.74	1.40	0.59	0.10	1.30	0.51	5.64
Hipper	12 Row	225 hp MFWD	Fall Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Hi-Clearance Sprayer	90 ft.		Herbicide (Burndown)	0.53		0.40		0.24	0.10	1.27
Hipper	12 Row	225 hp MFWD	Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Do All (Seedbed Finisher)	12 Row	225 hp MFWD	Tillage	0.52	1.07	0.15	0.08	0.99	0.39	3.20
Planter	12 Row	225 hp MFWD	Plant	1.66	1.64	1.16	0.12	1.52	0.66	6.76
Hi-Clearance Sprayer	90 ft.		Herbicide	0.53		0.40		0.24	0.10	1.27
Knife Rig	12 Row	225 hp MFWD	Fertilizer	1.31	1.30	0.78	0.10	1.21	0.60	5.30
Hi-Clearance Sprayer	90 ft.		Herbicide	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Insecticide	0.53		0.40		0.24	0.10	1.27
Combine		305 HP	Harvest	14.38		3.60		4.97	1.52	24.47
Head	25 ft Rigid		Harvest	1.39		1.24				2.63
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.08	3.96	0.97	0.29	3.67	1.52	11.49

Table 15. 2010 Sorghum Budget: No Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value		100%	Bu	70	3.25	227.50	_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees		100%	Acre	1	13.59	13.59	_____
Fertilizers							
Nitrogen		100%	Lbs	110	0.46	50.60	_____
Phosphate (P2O5)		100%	Lbs	50	0.45	22.28	_____
Potash (K2O)		100%	Lbs	60	0.50	30.00	_____
Boron		100%	Lbs	0.0	3.60	0.00	_____
Sulfur		100%	Lbs	0	0.22	0.00	_____
Other Nutrients		100%	Acre	0.0	0.00	0.00	_____
Herbicides		100%	Acre	1	27.30	27.30	_____
Insecticides		100%	Acre	1	4.51	4.51	_____
Other Chemical		100%	Acre	1	0.00	0.00	_____
Other Chemical		100%	Acre	1	0.00	0.00	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical		100%	Appl	0	6.50	0.00	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	3.842	2.50	9.61	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	5.90	5.90	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	3.455	2.50	8.64	_____
Repairs and Maintenance, Harvest		100%	Acre	1	6.10	6.10	_____
Irrigation Diesel Fuel		100%	Ac-In	0	0.00	0.00	_____
Supplies (ex.other)		100%	Acre	1	0.00	0.00	_____
Other Inputs		100%	Acre	1	0.00	0.00	_____
Labor		100%	Hrs	0.695	10.19	7.08	_____
Scouting/Consultant Fee		100%	Acre	1	0.00	0.00	_____
Other Expenses		100%	Acre	1	0.00	0.00	_____
Crop Insurance		100%	Acre	1	13.71	13.71	_____
Interest, 6 Months: Annual Rate							
							4.75%
Interest, 6 Months:		100%	Dollars	199.31	0.0238	4.73	_____
Post-Harvest Expenses							
Hauling		100%	Bu	70	0.22	15.40	_____
Checkoff		100%	Bu	70	0.01	0.70	_____
Other Post-Harvest Expenses		100%	Bu	70	0.00	0.00	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$220.14	_____
Net Returns to Operating Expenses						\$7.36	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	39.62	39.62	_____
Irrigation Machinery & Equipment			Acre	1	0.00	0.00	_____
Miscellaneous Overhead			Acre	1	9.91	9.91	_____
Total Capital Recovery & Overhead						\$49.53	_____
TOTAL EXPENSES						\$269.66	_____
NET RETURNS						-\$42.16	_____

¹Value presented is at an assumed price received for sorghum.

Table 15-A. Nonirrigated Sorghum, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Disk	37 ft.	225 hp MFWD	Fall Tillage	1.74	1.40	0.59	0.10	1.30	0.51	5.64
Hipper	12 Row	225 hp MFWD	Fall Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Hi-Clearance Sprayer	90 ft.		Herbicide (Burndown)	0.53		0.40		0.24	0.10	1.27
Hipper	12 Row	225 hp MFWD	Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Do All (Seedbed Finisher)	12 Row	225 hp MFWD	Tillage	0.52	1.07	0.15	0.08	0.99	0.39	3.20
Planter	12 Row	225 hp MFWD	Plant	1.66	1.64	1.16	0.12	1.52	0.66	6.76
Hi-Clearance Sprayer	90 ft.		Herbicide	0.53		0.40		0.24	0.10	1.27
Knife Rig	12 Row	225 hp MFWD	Fertilizer	1.31	1.30	0.78	0.10	1.21	0.60	5.30
Hi-Clearance Sprayer	90 ft.		Herbicide	0.53		0.40		0.24	0.10	1.27
Hi-Clearance Sprayer	90 ft.		Insecticide	0.53		0.40		0.24	0.10	1.27
Combine		305 HP	Harvest	14.38		3.60		4.97	1.52	24.47
Head	25 ft Rigid		Harvest	1.39		1.24				2.63
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.08	3.96	0.97	0.29	3.67	1.52	11.49

Wheat Budget
for
2010 Planting

Table 16. 2010 Wheat Budget

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value		100%	Bu	55	4.96	272.80	_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees		100%	Acre	1	25.00	25.00	_____
Fertilizers							
Nitrogen		100%	Lbs	115	0.46	52.90	_____
Phosphate (P2O5)		100%	Lbs	70	0.45	31.20	_____
Potash (K2O)		100%	Lbs	0	0.50	0.00	_____
Boron		100%	Lbs	0.0	3.60	0.00	_____
Sulfur		100%	Lbs	12	0.22	2.67	_____
Other Nutrients		100%	Acre	0.0	0.00	0.00	_____
Herbicides		100%	Acre	1	6.29	6.29	_____
Insecticides		100%	Acre	1	0.00	0.00	_____
Fungicide		100%	Acre	1	18.62	18.62	_____
Other Chemicals		100%	Acre	1	0.00	0.00	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical		100%	Appl	1	6.50	6.50	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	3.215	2.50	8.04	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	3.65	3.65	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	3.455	2.50	8.64	_____
Repairs and Maintenance, Harvest		100%	Acre	1	6.10	6.10	_____
Irrigation Diesel Fuel		100%	Ac-In	0	0.00	0.00	_____
Supplies		100%	Acre	1	0.00	0.00	_____
Other Inputs		100%	Acre	1	0.00	0.00	_____
Labor		100%	Hrs	0.631	10.19	6.43	_____
Scouting/Consultant Fee		100%	Acre	1	0.00	0.00	_____
Other Expenses		100%	Acre	1	0.00	0.00	_____
Crop Insurance		100%	Acre	1	14.75	14.75	_____
Interest, 6 Months:	Annual Rate						
							4.75%
Interest, 6 Months:		100%	Dollars	190.77	0.0238	4.53	_____
Post-Harvest Expenses							
Hauling		100%	Bu	55	0.22	12.10	_____
Other Post-Harvest Expenses		100%	Bu	55	0.00	0.00	_____
Other Post-Harvest Expenses		100%	Bu	55	0.00	0.00	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$207.40	_____
Net Returns to Operating Expenses						\$65.40	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	35.34	35.34	_____
Irrigation Machinery & Equipment			Acre	1	0.00	0.00	_____
Miscellaneous Overhead			Acre	1	8.84	8.84	_____
Total Capital Recovery & Overhead						\$44.18	_____
TOTAL EXPENSES						\$251.58	_____
NET RETURNS						\$21.22	_____

¹Value presented is at an assumed price received for wheat.

Table 16-A. Wheat, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Disk	37 ft.	225 hp MFWD	Tillage	1.74	1.40	0.59	0.10	1.30	0.51	5.64
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Field Cultivator	36 ft.	225 hp MFWD	Tillage	0.85	1.13	0.38	0.08	1.05	0.41	3.90
Land Plane	17 ft.	225 hp MFWD	Tillage	0.28	1.98	0.10	0.14	1.83	0.71	5.04
Ditcher		125 hp MFWD	Tillage	0.07	0.12	0.01	0.01	0.11	0.08	0.40
Grain Drill	35 ft.	225 hp MFWD	Plant	2.06	1.80	1.14	0.13	1.67	0.69	7.49
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Air Application		Custom Hire	Fungicide							6.50
Combine		305 HP	Harvest	14.38		3.60		4.97	1.52	24.47
Head	25 ft Rigid		Harvest	1.39		1.24				2.63
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.08	3.96	0.97	0.29	3.67	1.52	11.49

Soybean Budgets
for
2010 Planting

Table 17. 2010 Soybean Budget: Herbicide Resistant, Planted on Beds, Furrow Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value		100%	Bu	50	9.12	456.00	_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees		100%	Acre	1	44.10	44.10	_____
Fertilizers							
Nitrogen		100%	Lbs	0	0.46	0.00	_____
Phosphate (P2O5)		100%	Lbs	35	0.45	15.60	_____
Potash (K2O)		100%	Lbs	70	0.50	35.00	_____
Boron		100%	Lbs	0.5	3.60	1.80	_____
Sulfur		100%	Lbs	0	0.22	0.00	_____
Other Nutrients		100%	Acre	0.0	0.00	0.00	_____
Herbicides		100%	Acre	1	63.27	63.27	_____
Insecticides		100%	Acre	1	5.63	5.63	_____
Fungicide		100%	Acre	1	15.54	15.54	_____
Other Chemicals		100%	Acre	1	0.00	0.00	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical		100%	Appl	1	6.50	6.50	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	4.333	2.50	10.83	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	6.56	6.56	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	3.455	2.50	8.64	_____
Repairs and Maintenance, Harvest		100%	Acre	1	6.22	6.22	_____
Irrigation Diesel Fuel		100%	Ac-In	12	2.95	35.43	_____
Supplies (ex. polypipe, other)		100%	Acre	1	5.50	5.50	_____
Other Inputs		100%	Acre	1	0.00	0.00	_____
Labor		100%	Hrs	0.742	10.19	7.57	_____
Scouting/Consultant Fee		100%	Acre	1	0.00	0.00	_____
Other Expenses		100%	Acre	1	0.00	0.00	_____
Crop Insurance		100%	Acre	1	13.03	13.03	_____
Interest, 6 Months: Annual Rate							
							4.75%
Interest, 6 Months:		100%	Dollars	281.21	0.0238	6.68	_____
Post-Harvest Expenses							
Hauling		100%	Bu	50	0.22	11.00	_____
Check Off		100%	Bu	50	0.03	1.50	_____
Other Post-Harvest Expenses		100%	Bu	50	0.00	0.00	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$300.39	_____
Net Returns to Operating Expenses						\$155.61	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	41.04	41.04	_____
Irrigation Machinery & Equipment			Acre	1	14.15	14.15	_____
Miscellaneous Overhead			Acre	1	10.26	10.26	_____
Total Capital Recovery & Overhead						\$65.45	_____
TOTAL EXPENSES						\$365.85	_____
NET RETURNS						\$90.15	_____

¹Value presented is at an assumed price received for herbicide resistant soybean.

Table 17-A. Furrow Irrigated Soybean, Planted on Beds, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Disk	37 ft.	225 hp MFWD	Fall Tillage	1.74	1.40	0.59	0.10	1.30	0.51	5.64
Hipper	12 Row	225 hp MFWD	Fall Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide (Burndown)	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Hipper	12 Row	225 hp MFWD	Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Do All (Seedbed Finisher)	12 Row	225 hp MFWD	Tillage	0.52	1.07	0.15	0.08	0.99	0.39	3.20
Planter (Twin Row)	12 Row	225 hp MFWD	Plant	3.10	1.64	2.18	0.12	1.52	0.66	9.22
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Irrigation Sweep	12 Row	225 hp MFWD	Tillage	0.38	0.84	0.10	0.06	0.77	0.30	2.45
Irrigation Polypipe Spool		225 hp MFWD	Total Season Activities	0.13	0.24	0.00	0.02	0.23	0.26	0.88
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Insecticide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Airplane		Custom Hire	Fungicide							6.50
Combine		305 HP	Harvest	14.38		3.60		4.97	1.52	24.47
Head	25 ft Flex		Harvest	1.52		1.36				2.88
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.08	3.96	0.97	0.29	3.67	1.52	11.49

Table 18. 2010 Soybean Budget: Herbicide Resistant, Planted on Beds, Center Pivot Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value		100%	Bu	50	9.12	456.00	_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees		100%	Acre	1	44.10	44.10	_____
Fertilizers							
Nitrogen		100%	Lbs	0	0.46	0.00	_____
Phosphate (P2O5)		100%	Lbs	35	0.45	15.60	_____
Potash (K2O)		100%	Lbs	70	0.50	35.00	_____
Boron		100%	Lbs	0.5	3.60	1.80	_____
Sulfur		100%	Lbs	0	0.22	0.00	_____
Other Nutrients		100%	Acre	0.0	0.00	0.00	_____
Herbicides		100%	Acre	1	63.27	63.27	_____
Insecticides		100%	Acre	1	5.63	5.63	_____
Fungicide		100%	Acre	1	15.54	15.54	_____
Other Chemicals		100%	Acre	1	0.00	0.00	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical		100%	Appl	1	6.50	6.50	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	3.933	2.50	9.83	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	6.57	6.57	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	3.455	2.50	8.64	_____
Repairs and Maintenance, Harvest		100%	Acre	1	6.22	6.22	_____
Irrigation Diesel Fuel		100%	Ac-In	9	4.49	40.37	_____
Supplies (ex. other)		100%	Acre	1	0.00	0.00	_____
Other Inputs		100%	Acre	1	0.00	0.00	_____
Labor		100%	Hrs	0.687	10.19	7.00	_____
Scouting/Consultant Fee		100%	Acre	1	0.00	0.00	_____
Other Expenses		100%	Acre	1	0.00	0.00	_____
Crop Insurance		100%	Acre	1	13.03	13.03	_____
Interest, 6 Months:	Annual Rate						
							4.75%
Interest, 6 Months:		100%	Dollars	279.10	0.0238	6.63	_____
Post-Harvest Expenses							
Hauling		100%	Bu	50	0.22	11.00	_____
Check Off		100%	Bu	50	0.03	1.50	_____
Other Post-Harvest Expenses		100%	Bu	50	0.00	0.00	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$298.23	_____
Net Returns to Operating Expenses						\$157.77	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	39.45	39.45	_____
Irrigation Machinery & Equipment			Acre	1	49.46	49.46	_____
Miscellaneous Overhead			Acre	1	9.86	9.86	_____
Total Capital Recovery & Overhead						\$98.77	_____
TOTAL EXPENSES						\$397.00	_____
NET RETURNS						\$59.00	_____

¹Value presented is at an assumed price received for herbicide resistant soybean.

Table 18-A. Center Pivot Irrigated Soybean, Planted on Beds, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Disk	37 ft.	225 hp MFWD	Fall Tillage	1.74	1.40	0.59	0.10	1.30	0.51	5.64
Hipper	12 Row	225 hp MFWD	Fall Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide (Burndown)	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Hipper	12 Row	225 hp MFWD	Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Do All (Seedbed Finisher)	12 Row	225 hp MFWD	Tillage	0.52	1.07	0.15	0.08	0.99	0.39	3.20
Planter (Twin Row)	12 Row	225 hp MFWD	Plant	3.10	1.64	2.18	0.12	1.52	0.66	9.22
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Insecticide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Airplane		Custom Hire	Fungicide							6.50
Combine		305 HP	Harvest	14.38		3.60		4.97	1.52	24.47
Head	25 ft Flex		Harvest	1.52		1.36				2.88
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.08	3.96	0.97	0.29	3.67	1.52	11.49

Table 19. 2010 Soybean Budget: Herbicide Resistant, Planted on Beds, No Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value		100%	Bu	30	9.12	273.60	_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees		100%	Acre	1	44.10	44.10	_____
Fertilizers							
Nitrogen		100%	Lbs	0	0.46	0.00	_____
Phosphate (P2O5)		100%	Lbs	35	0.45	15.60	_____
Potash (K2O)		100%	Lbs	70	0.50	35.00	_____
Boron		100%	Lbs	0.5	3.60	1.80	_____
Sulfur		100%	Lbs	0	0.22	0.00	_____
Other Nutrients		100%	Acre	0.0	0.00	0.00	_____
Herbicides		100%	Acre	1	63.27	63.27	_____
Insecticides		100%	Acre	1	5.63	5.63	_____
Fungicide		100%	Acre	1	15.54	15.54	_____
Other Chemicals		100%	Acre	1	0.00	0.00	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical		100%	Appl	1	6.50	6.50	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	3.933	2.50	9.83	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	4.96	4.96	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	3.455	2.50	8.64	_____
Repairs and Maintenance, Harvest		100%	Acre	1	6.22	6.22	_____
Irrigation Diesel Fuel		100%	Ac-In	0	0.00	0.00	_____
Supplies (ex. other)		100%	Acre	1	0.00	0.00	_____
Other Inputs		100%	Acre	1	0.00	0.00	_____
Labor		100%	Hrs	0.687	10.19	7.00	_____
Scouting/Consultant Fee		100%	Acre	1	0.00	0.00	_____
Other Expenses		100%	Acre	1	0.00	0.00	_____
Crop Insurance		100%	Acre	1	13.03	13.03	_____
Interest, 6 Months:	Annual Rate						
							4.75%
Interest, 6 Months:		100%	Dollars	237.12	0.0238	5.63	_____
Post-Harvest Expenses							
Hauling		100%	Bu	30	0.22	6.60	_____
Check Off		100%	Bu	30	0.03	0.90	_____
Other Post-Harvest Expenses		100%	Bu	30	0.00	0.00	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$250.25	_____
Net Returns to Operating Expenses						\$23.35	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	39.45	39.45	_____
Irrigation Machinery & Equipment			Acre	1	0.00	0.00	_____
Miscellaneous Overhead			Acre	1	9.86	9.86	_____
Total Capital Recovery & Overhead						\$49.31	_____
TOTAL EXPENSES						\$299.56	_____
NET RETURNS						-\$25.96	_____

¹Value presented is at an assumed price received for herbicide resistant soybean.

Table 19-A. Nonirrigated Soybean, Planted on Beds, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Disk	37 ft.	225 hp MFWD	Fall Tillage	1.74	1.40	0.59	0.10	1.30	0.51	5.64
Hipper	12 Row	225 hp MFWD	Fall Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide (Burndown)	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Hipper	12 Row	225 hp MFWD	Tillage	0.92	1.67	0.39	0.12	1.55	0.60	5.25
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Do All (Seedbed Finisher)	12 Row	225 hp MFWD	Tillage	0.52	1.07	0.15	0.08	0.99	0.39	3.20
Planter (Twin Row)	12 Row	225 hp MFWD	Plant	3.10	1.64	2.18	0.12	1.52	0.66	9.22
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Insecticide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Airplane		Custom Hire	Fungicide							6.50
Combine		305 HP	Harvest	14.38		3.60		4.97	1.52	24.47
Head	25 ft Flex		Harvest	1.52		1.36				2.88
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.08	3.96	0.97	0.29	3.67	1.52	11.49

Table 20. 2010 Soybean Budget: Herbicide Resistant, Drill Planted, Flood Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value		100%	Bu	50	9.12	456.00	_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees		100%	Acre	1	44.10	44.10	_____
Fertilizers							
Nitrogen		100%	Lbs	0	0.46	0.00	_____
Phosphate (P2O5)		100%	Lbs	35	0.45	15.60	_____
Potash (K2O)		100%	Lbs	70	0.50	35.00	_____
Boron		100%	Lbs	0.5	3.60	1.80	_____
Sulfur		100%	Lbs	0	0.22	0.00	_____
Other Nutrients		100%	Acre	0.0	0.00	0.00	_____
Herbicides		100%	Acre	1	63.27	63.27	_____
Insecticides		100%	Acre	1	5.63	5.63	_____
Fungicide, Nematicide		100%	Acre	1	15.54	15.54	_____
Growth Regulator, Harvest Aids, Other Chemicals		100%	Acre	1	0.00	0.00	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical		100%	Appl	1	6.50	6.50	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	4.066	2.50	10.16	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	5.63	5.63	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	3.455	2.50	8.64	_____
Repairs and Maintenance, Harvest		100%	Acre	1	6.22	6.22	_____
Irrigation Diesel Fuel		100%	Ac-In	12	2.95	35.43	_____
Supplies (ex. other)		100%	Acre	1	0.00	0.00	_____
Survey Levees		100%	Acre	1	5.00	5.00	_____
Labor		100%	Hrs	0.701	10.19	7.14	_____
Scouting/Consultant Fee		100%	Acre	1	0.00	0.00	_____
Other Expenses		100%	Acre	1	0.00	0.00	_____
Crop Insurance		100%	Acre	1	13.03	13.03	_____
Interest, 6 Months:	Annual Rate						
							4.75%
Interest, 6 Months:		100%	Dollars	278.70	0.0238	6.62	_____
Post-Harvest Expenses							
Hauling		100%	Bu	50	0.22	11.00	_____
Checkoff		100%	Bu	50	0.03	1.50	_____
Other Post-Harvest Expenses		100%	Bu	50	0.00	0.00	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$297.82	_____
Net Returns to Operating Expenses						\$158.18	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	38.57	38.57	_____
Irrigation Machinery & Equipment			Acre	1	14.15	14.15	_____
Miscellaneous Overhead			Acre	1	9.64	9.64	_____
Total Capital Recovery & Overhead						\$62.36	_____
TOTAL EXPENSES						\$360.18	_____
NET RETURNS						\$95.82	_____

¹Value presented is at an assumed price received for herbicide resistant soybean.

Table 20-A. Flood Irrigated Soybean, Drill Planted, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Disk	37 ft.	225 hp MFWD	Fall Tillage	1.74	1.40	0.59	0.10	1.30	0.51	5.64
Field Cultivator	36 ft.	225 hp MFWD	Fall Tillage	0.85	1.13	0.38	0.08	1.05	0.41	3.90
Ditcher (Fall)		125 hp MFWD	Fall Tillage	0.07	0.12	0.01	0.01	0.11	0.08	0.40
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide (Burndown)	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Field Cultivator	36 ft.	225 hp MFWD	Tillage	0.85	1.13	0.38	0.08	1.05	0.41	3.90
Land Plane	17 ft.	225 hp MFWD	Tillage	0.28	1.98	0.10	0.14	1.83	0.71	5.04
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Grain Drill	35 ft.	225 hp MFWD	Plant	2.06	1.80	1.44	0.13	1.67	0.69	7.79
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Make Levees		225 hp MFWD	One Round-Trip	0.02	0.04	0.00	0.00	0.04	0.01	0.11
Remove Levees		225 hp MFWD	One Round-Trip	0.02	0.04	0.00	0.00	0.04	0.01	0.11
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Make Levees		225 hp MFWD	One Round-Trip	0.02	0.04	0.00	0.00	0.04	0.01	0.11
Remove Levees		225 hp MFWD	One Round-Trip	0.02	0.04	0.00	0.00	0.04	0.01	0.11
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Insecticide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Make Levees		225 hp MFWD	One Round-Trip	0.02	0.04	0.00	0.00	0.04	0.01	0.11
Airplane		Custom Hire	Fungicide							6.50
Remove Levees		225 hp MFWD	One Round-Trip	0.02	0.04	0.00	0.00	0.04	0.01	0.11
Combine		305 HP	Harvest	14.38		3.60		4.97	1.52	24.47
Head	25 ft Flex		Harvest	1.52		1.36				2.88
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.08	3.96	0.97	0.29	3.67	1.52	11.49

Table 21. 2010 Soybean Budget: Herbicide Resistant, Drill Planted, Center Pivot Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value		100%	Bu	50	9.12	456.00	_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees		100%	Acre	1	44.10	44.10	_____
Fertilizers							
Nitrogen		100%	Lbs	0	0.46	0.00	_____
Phosphate (P2O5)		100%	Lbs	35	0.45	15.60	_____
Potash (K2O)		100%	Lbs	70	0.50	35.00	_____
Boron		100%	Lbs	0.5	3.60	1.80	_____
Sulfur		100%	Lbs	0	0.22	0.00	_____
Other Nutrients		100%	Acre	0.0	0.00	0.00	_____
Herbicides		100%	Acre	1	63.27	63.27	_____
Insecticides		100%	Acre	1	5.63	5.63	_____
Fungicide, Nematicide		100%	Acre	1	15.54	15.54	_____
Growth Regulator, Harvest Aids, Other Chemicals		100%	Acre	1	0.00	0.00	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical		100%	Appl	1	6.50	6.50	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	3.975	2.50	9.94	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	5.80	5.80	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	3.455	2.50	8.64	_____
Repairs and Maintenance, Harvest		100%	Acre	1	6.22	6.22	_____
Irrigation Diesel Fuel		100%	Ac-In	9	4.49	40.37	_____
Supplies (ex. other)		100%	Acre	1	0.00	0.00	_____
Other Inputs		100%	Acre	1	0.00	0.00	_____
Labor		100%	Hrs	0.692	10.19	7.05	_____
Scouting/Consultant Fee		100%	Acre	1	0.00	0.00	_____
Other Expenses		100%	Acre	1	0.00	0.00	_____
Crop Insurance		100%	Acre	1	13.03	13.03	_____
Interest, 6 Months:	Annual Rate						
							4.75%
Interest, 6 Months:		100%	Dollars	278.48	0.0238	6.61	_____
Post-Harvest Expenses							
Hauling		100%	Bu	50	0.22	11.00	_____
Checkoff		100%	Bu	50	0.03	1.50	_____
Other Post-Harvest Expenses		100%	Bu	50	0.00	0.00	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$297.60	_____
Net Returns to Operating Expenses						\$158.40	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	38.19	38.19	_____
Irrigation Machinery & Equipment			Acre	1	49.46	49.46	_____
Miscellaneous Overhead			Acre	1	9.55	9.55	_____
Total Capital Recovery & Overhead						\$97.19	_____
TOTAL EXPENSES						\$394.79	_____
NET RETURNS						\$61.21	_____

¹Value presented is at an assumed price received for herbicide resistant soybean.

Table 21-A. Center Pivot Irrigated Soybean, Drill Planted, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Disk	37 ft.	225 hp MFWD	Fall Tillage	1.74	1.40	0.59	0.10	1.30	0.51	5.64
Field Cultivator	36 ft.	225 hp MFWD	Fall Tillage	0.85	1.13	0.38	0.08	1.05	0.41	3.90
Ditcher (Fall)		125 hp MFWD	Fall Tillage	0.07	0.12	0.01	0.01	0.11	0.08	0.40
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide (Burndown)	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Field Cultivator	36 ft.	225 hp MFWD	Tillage	0.85	1.13	0.38	0.08	1.05	0.41	3.90
Land Plane	17 ft.	225 hp MFWD	Tillage	0.28	1.98	0.10	0.14	1.83	0.71	5.04
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Grain Drill	35 ft.	225 hp MFWD	Plant	2.06	1.80	1.44	0.13	1.67	0.69	7.79
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Insecticide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Airplane		Custom Hire	Fungicide							6.50
Combine		305 HP	Harvest	14.38		3.60		4.97	1.52	24.47
Head	25 ft Flex		Harvest	1.52		1.36				2.88
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.08	3.96	0.97	0.29	3.67	1.52	11.49

Table 22. 2010 Soybean Budget: Herbicide Resistant, Drill Planted, No Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value		100%	Bu	30	9.12	273.60	_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees		100%	Acre	1	44.10	44.10	_____
Fertilizers							
Nitrogen		100%	Lbs	0	0.46	0.00	_____
Phosphate (P2O5)		100%	Lbs	35	0.45	15.60	_____
Potash (K2O)		100%	Lbs	70	0.50	35.00	_____
Boron		100%	Lbs	0.5	3.60	1.80	_____
Sulfur		100%	Lbs	0	0.22	0.00	_____
Other Nutrients		100%	Acre	0.0	0.00	0.00	_____
Herbicides		100%	Acre	1	63.27	63.27	_____
Insecticides		100%	Acre	1	5.63	5.63	_____
Fungicide, Nematicide		100%	Acre	1	15.54	15.54	_____
Growth Regulator, Harvest Aids, Other Chemicals		100%	Acre	1	0.00	0.00	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	0	5.50	0.00	_____
Air Application: Fertilizer & Chemical		100%	Appl	1	6.50	6.50	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	3.975	2.50	9.94	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	4.18	4.18	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	3.455	2.50	8.64	_____
Repairs and Maintenance, Harvest		100%	Acre	1	6.22	6.22	_____
Irrigation Diesel Fuel		100%	Ac-In	0	0.00	0.00	_____
Supplies (ex. other)		100%	Acre	1	0.00	0.00	_____
Other Inputs		100%	Acre	1	0.00	0.00	_____
Labor		100%	Hrs	0.692	10.19	7.05	_____
Scouting/Consultant Fee		100%	Acre	1	0.00	0.00	_____
Other Expenses		100%	Acre	1	0.00	0.00	_____
Crop Insurance		100%	Acre	1	13.03	13.03	_____
Interest, 6 Months:	Annual Rate						
							4.75%
Interest, 6 Months:		100%	Dollars	236.50	0.0238	5.62	_____
Post-Harvest Expenses							
Hauling		100%	Bu	30	0.22	6.60	_____
Checkoff		100%	Bu	30	0.03	0.90	_____
Other Post-Harvest Expenses		100%	Bu	30	0.00	0.00	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$249.62	_____
Net Returns to Operating Expenses						\$23.98	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	38.19	38.19	_____
Irrigation Machinery & Equipment			Acre	1	0.00	0.00	_____
Miscellaneous Overhead			Acre	1	9.55	9.55	_____
Total Capital Recovery & Overhead						\$47.74	_____
TOTAL EXPENSES						\$297.35	_____
NET RETURNS						-\$23.75	_____

¹Value presented is at an assumed price received for herbicide resistant soybean.

Table 22-A. Nonirrigated Soybean, Drill Planted, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Disk	37 ft.	225 hp MFWD	Fall Tillage	1.74	1.40	0.59	0.10	1.30	0.51	5.64
Field Cultivator	36 ft.	225 hp MFWD	Fall Tillage	0.85	1.13	0.38	0.08	1.05	0.41	3.90
Ditcher (Fall)		125 hp MFWD	Fall Tillage	0.07	0.12	0.01	0.01	0.11	0.08	0.40
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide (Burndown)	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Field Cultivator	36 ft.	225 hp MFWD	Tillage	0.85	1.13	0.38	0.08	1.05	0.41	3.90
Land Plane	17 ft.	225 hp MFWD	Tillage	0.28	1.98	0.10	0.14	1.83	0.71	5.04
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Grain Drill	35 ft.	225 hp MFWD	Plant	2.06	1.80	1.44	0.13	1.67	0.69	7.79
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Insecticide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Airplane		Custom Hire	Fungicide							6.50
Combine		305 HP	Harvest	14.38		3.60		4.97	1.52	24.47
Head	25 ft Flex		Harvest	1.52		1.36				2.88
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.08	3.96	0.97	0.29	3.67	1.52	11.49

Rice Budgets
for
2010 Planting

Table 23. 2010 Rice Budget: Conventional Variety, Flood Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value		100%	Bu	170	5.96	1,012.86	_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees		100%	Acre	1	34.04	34.04	_____
Fertilizers							
Nitrogen		100%	Lbs	150	0.46	69.00	_____
Phosphate (P2O5)		100%	Lbs	60	0.45	26.74	_____
Potash (K2O)		100%	Lbs	90	0.50	45.00	_____
Boron		100%	Lbs	0.0	3.60	0.00	_____
Sulfur		100%	Lbs	0	0.22	0.00	_____
Agrotain		100%	Lbs	230	0.024	5.52	_____
Herbicides		100%	Acre	1	66.42	66.42	_____
Insecticides		100%	Acre	1	4.35	4.35	_____
Fungicide		100%	Acre	1	31.86	31.86	_____
Other Chemicals		100%	Acre	1	0.00	0.00	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	1	5.50	5.50	_____
Air Application: Fertilizer & Chemical		100%	Appl	5	6.50	32.50	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	3.430	2.50	8.57	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	7.08	7.08	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	6.047	2.50	15.12	_____
Repairs and Maintenance, Harvest		100%	Acre	1	11.07	11.07	_____
Irrigation Diesel Fuel		100%	Ac-In	30	2.95	88.58	_____
Supplies (ex. levee gates)		100%	Acre	1	1.95	1.95	_____
Survey Levees		100%	Acre	1	5.50	5.50	_____
Labor		100%	Hrs	0.874	10.19	8.90	_____
Scouting/Consultant Fee		100%	Acre	1	0.00	0.00	_____
Other Expenses		100%	Acre	1	0.00	0.00	_____
Crop Insurance		100%	Acre	1	13.53	13.53	_____
Interest, 6 Months:	Annual Rate						
							4.75%
Interest, 6 Months:		100%	Dollars	481.23	0.0238	11.43	_____
Post-Harvest Expenses							
Drying		100%	Bu	170	0.35	59.50	_____
Hauling		100%	Bu	170	0.22	37.40	_____
Checkoff		100%	Bu	170	0.0135	2.30	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$591.86	_____
Net Returns to Operating Expenses						\$421.00	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	52.23	52.23	_____
Irrigation Machinery & Equipment			Acre	1	14.15	14.15	_____
Miscellaneous Overhead			Acre	1	13.06	13.06	_____
Total Capital Recovery & Overhead						\$79.44	_____
TOTAL EXPENSES						\$671.29	_____
NET RETURNS						\$341.57	_____

¹Value presented is at an assumed price received for conventional rice varieties.

Table 23-A. Rice, Conventional Variety, Drill Planted, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Disk	37 ft.	225 hp MFWD	Fall Tillage	1.74	1.40	0.59	0.10	1.30	0.51	5.64
Land Plane	17 ft.	225 hp MFWD	Fall Tillage	0.28	1.98	0.10	0.14	1.83	0.71	5.04
Ditcher		125 hp MFWD	Fall Tillage	0.07	0.12	0.01	0.01	0.11	0.08	0.40
Field Cultivator	36 ft.	225 hp MFWD	Tillage	0.85	1.13	0.38	0.08	1.05	0.41	3.90
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Grain Drill	35 ft.	225 hp MFWD	Plant	2.06	1.80	1.44	0.13	1.67	0.69	7.79
Roller	32 ft.	225 hp MFWD	Compact Soil	0.64	1.49	0.11	0.11	1.38	0.54	4.27
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Make Levees, Plant Levees		225 hp MFWD	Three Round-Trips	0.08	0.12	0.01	0.01	0.11	0.04	0.37
Levee Gates		125 hp MFWD	Total Season Activities	0.04	0.04	0.00	0.00	0.04	0.11	0.23
Airplane		Custom Hire	Herbicide							6.50
Airplane		Custom Hire	Fertilizer							6.50
ATV, Spray Levees		Custom Hire	Herbicide							5.50
Flood Field										
Airplane		Custom Hire	Fertilizer							6.50
Airplane		Custom Hire	Fungicide							6.50
Airplane		Custom Hire	Insecticide							6.50
Drain Field										
Combine		305 HP	Harvest	25.16		6.30		8.70	2.67	42.83
Head	25 ft Rigid		Harvest	2.87		2.57				5.44
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.89	6.94	1.69	0.51	6.42	2.67	20.12
Remove Levees		225 hp MFWD	Two Round-Trips	0.05	0.08	0.01	0.01	0.08	0.03	0.26

Table 24. 2010 Rice Budget: Hybrid Variety, Flood Irrigation

CROP VALUE¹		Grower %	Unit	Yield	Price/Unit	Revenue	Your Farm
Crop Value		100%	Bu	185	5.96	1,102.23	_____
OPERATING EXPENSES			Unit	Quantity	Price/Unit	Costs	
Seed, Includes All Fees		100%	Acre	1	141.96	141.96	_____
Fertilizers							
Nitrogen		100%	Lbs	120	0.46	55.20	_____
Phosphate (P2O5)		100%	Lbs	60	0.45	26.74	_____
Potash (K2O)		100%	Lbs	90	0.50	45.00	_____
Boron		100%	Lbs	0.0	3.60	0.00	_____
Sulfur		100%	Lbs	0	0.22	0.00	_____
Agrotain		100%	Lbs	180	0.024	4.32	_____
Herbicides		100%	Acre	1	78.76	78.76	_____
Insecticides		100%	Acre	1	4.35	4.35	_____
Fungicide		100%	Acre	1	0.00	0.00	_____
Other Chemicals		100%	Acre	1	0.00	0.00	_____
Custom Chemical & Fertilizer Applications							
Ground Application: Fertilizer & Chemical		100%	Appl	1	5.50	5.50	_____
Air Application: Fertilizer & Chemical		100%	Appl	4	6.50	26.00	_____
Other Custom Hire		100%	Appl	0	0.00	0.00	_____
Machinery and Equipment							
Diesel Fuel & Lube, Pre & Post Harvest		100%	Gallons	3.430	2.50	8.57	_____
Repairs and Maintenance, Pre & Post Harvest		100%	Acre	1	12.40	12.40	_____
Diesel Fuel & Lube, Harvest		100%	Gallons	6.047	2.50	15.12	_____
Repairs and Maintenance, Harvest		100%	Acre	1	11.07	11.07	_____
Irrigation Diesel Fuel		100%	Ac-In	30	2.95	88.58	_____
Supplies (ex. levee gates)		100%	Acre	1	1.95	1.95	_____
Survey Levees		100%	Acre	1	5.50	5.50	_____
Labor		100%	Hrs	0.874	10.19	8.90	_____
Scouting/Consultant Fee		100%	Acre	1	0.00	0.00	_____
Other Expenses		100%	Acre	1	0.00	0.00	_____
Crop Insurance		100%	Acre	1	13.53	13.53	_____
Interest, 6 Months:	Annual Rate	100%	Dollars	553.45	0.0238	13.14	_____
							4.75%
Post-Harvest Expenses							
Drying		100%	Bu	185	0.35	64.75	_____
Hauling		100%	Bu	185	0.22	40.70	_____
Checkoff		100%	Bu	185	0.0135	2.50	_____
Cash Rent			Acre	1	0	0.00	_____
Total Operating Expenses						\$674.54	_____
Net Returns to Operating Expenses						\$427.69	_____
CAPITAL RECOVERY & OVERHEAD							
Pre-Harvest and Harvest Machinery			Acre	1	52.23	52.23	_____
Irrigation Machinery & Equipment			Acre	1	14.15	14.15	_____
Miscellaneous Overhead			Acre	1	13.06	13.06	_____
Total Capital Recovery & Overhead						\$79.44	_____
TOTAL EXPENSES						\$753.97	_____
NET RETURNS						\$348.26	_____

¹Value presented is at an assumed price received for conventional rice varieties.

Table 24-A. Rice, Hybrid Variety, Drill Planted, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Disk	37 ft.	225 hp MFWD	Fall Tillage	1.74	1.40	0.59	0.10	1.30	0.51	5.64
Land Plane	17 ft.	225 hp MFWD	Fall Tillage	0.28	1.98	0.10	0.14	1.83	0.71	5.04
Ditcher		125 hp MFWD	Fall Tillage	0.07	0.12	0.01	0.01	0.11	0.08	0.40
Field Cultivator	36 ft.	225 hp MFWD	Tillage	0.85	1.13	0.38	0.08	1.05	0.41	3.90
Fertilizer Spreader	60 ft.	225 hp MFWD	Fertilizer	0.26	0.58	0.14	0.04	0.53	0.27	1.82
Grain Drill	35 ft.	225 hp MFWD	Plant	2.06	1.80	1.44	0.13	1.67	0.69	7.79
Roller	32 ft.	225 hp MFWD	Compact Soil	0.64	1.49	0.11	0.11	1.38	0.54	4.27
Tractor Mounted Sprayer	60 ft.	125 hp MFWD	Herbicide	0.08	0.52	0.07	0.04	0.48	0.19	1.38
Make Levees, Plant Levees		225 hp MFWD	Three Round-Trips	0.08	0.12	0.01	0.01	0.11	0.04	0.37
Levee Gates		125 hp MFWD	Total Season Activities	0.04	0.04	0.00	0.00	0.04	0.11	0.23
Airplane		Custom Hire	Herbicide							6.50
Airplane		Custom Hire	Fertilizer							6.50
ATV, Spray Levees		Custom Hire	Herbicide							5.50
Flood Field										
Airplane		Custom Hire	Fertilizer							6.50
Airplane		Custom Hire	Insecticide							6.50
Drain Field										
Combine		305 HP	Harvest	25.16		6.30		8.70	2.67	42.83
Head	25 ft Rigid		Harvest	2.87		2.57				5.44
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.89	6.94	1.69	0.51	6.42	2.67	20.12
Remove Levees		225 hp MFWD	Two Round-Trips	0.05	0.08	0.01	0.01	0.08	0.03	0.26

Table 25-A. Rice, Zero Grade, No Till, Water Seeded, Dollar per Acre Costs for Field Activities

Field Trip	Width	Tractor	Activity	Capital Recovery		Repairs		Fuel & Lube	Labor	Total
				Equipment	Tractor	Equipment	Tractor			
Ditcher		125 hp MFWD	Fall Tillage	0.07	0.12	0.01	0.01	0.11	0.08	0.40
Airplane Seed		Custom Hire	Plant							7.50
Airplane		Custom Hire	Herbicide							6.50
Airplane		Custom Hire	Herbicide							6.50
Airplane		Custom Hire	Fertilizer							6.50
Flood Field										
Airplane		Custom Hire	Insecticide							6.50
Airplane		Custom Hire	Herbicide							6.50
Airplane		Custom Hire	Fertilizer							6.50
Airplane		Custom Hire	Fungicide							6.50
Airplane		Custom Hire	Insecticide							6.50
Drain Field										
Combine		305 HP	Harvest	25.16		6.30		8.70	2.67	42.83
Head	25 ft Rigid		Harvest	2.87		2.57				5.44
Grain Wagon (700 bu)		225 hp MFWD	Harvest	1.89	6.94	1.69	0.51	6.42	2.67	20.12

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CUSTOMIZED BUDGET INFORMATION FORM

Crop Name		Expected Yield	Yield Unit
Plant Row Spacing Inches			

Tractor Field Trip and Activity Description	Common Name of Implement Applied	Number Rows or Feet Width	Tractor Horsepower
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			

Self-Propelled	Number of Field Trips	Boom Width
Hi-Clearance Sprayer		

Harvesting Equipment	Number of Rows or Feet Width	Tractor HP
Harvester or Combine Head		
Boll Buggy or Grain Wagon		
Module Builder		
Rotary Mower, Stalk Shredder		

Irrigation Method (Check one)
 Furrow Center Pivot Flood No Irrigation

Custom Applications (Number of applications for each type)
 Airplane Ground

Seed Detail			
Item	Unit Name	Unit Price	Amount/Acre
Seed, Include Treatments			
Technology Fees			