
**2011
Projected
Commodity
Costs
And
Returns**

**Rice Production in Louisiana,
Soybeans, Wheat and
Sorghum Production in
Southwest Louisiana**

Michael E. Salassi and Michael Deliberto



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**PROJECTED COSTS AND RETURNS
RICE, LOUISIANA,
SOYBEANS, WHEAT, SORGHUM,
SOUTHWEST LOUISIANA, 2011**

by

Michael E. Salassi and Michael Deliberto



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INTERNET ACCESS

This publication, along with 2011 projected costs and returns for other commodities as well as other farm management publications, is available on the Internet on the LSU Ag Center web page under "Money and Business - Farm and Business - Budgets". This publication is also available on the LSU Ag Center web page under "Crops and Livestock - Rice - Publications." The web address for the LSU Ag Center is: www.lsuagcenter.com

PROJECTED COSTS AND RETURNS -- RICE, LOUISIANA, SOYBEANS, WHEAT, SORGHUM, SOUTHWEST LOUISIANA, 2011

by

Michael E. Salassi and Michael Deliberto¹

INTRODUCTION

Farmers are annually faced with critical management decisions that impact the employment of production inputs for various crop enterprises and the combination of crops that will be assembled into a cropping system. The need for reliable information is crucial if sound production decisions are to be made. Planning information plays a pivotal role in the development of 2011 production plans by farmers and is important in supporting their efforts to secure the necessary resources to carry out their plans. In addition, information regarding production alternatives and costs and returns for major crop enterprises is needed by extension personnel, researchers, lending institutions, and others involved in agriculture or agribusiness. The purpose of this report is to provide, for owner-operator and tenant-operator situations, projected cost and return estimates for 2011 rice production in Southwest and Northeast Louisiana, as well as for soybean, wheat, and sorghum production in Southwest Louisiana.

STUDY AREAS

Southwest Rice Area

The area known as the Southwest Louisiana Rice Area includes the following eight parishes: Acadia, Allen, Calcasieu, Cameron, Evangeline, Jefferson Davis, St. Landry, and Vermilion Parishes. The growing season consists of approximately 280 days, and average annual rainfall is approximately 56 inches. Soils within the area are generally referred to as coastal prairie soils with the Crowley, Midland, and Lake Charles being the major soil groups. These soils are characterized by poor runoff, poor internal drainage, low phosphorus content, and medium organic content. Internal drainage is inhibited due to a heavy clay pan some 12-18 inches below the surface.

Northeast Rice Area

The area known as the Northeast Louisiana Rice Area includes the following parishes: Caldwell, Catahoula, Concordia, East Carroll, Franklin, Madison, Morehouse, Ouachita, Richland, Tensas, and West Carroll Parishes. This area is characterized by flat to slightly rolling topography. Soils vary from poorly to well drained and include the clayey recent alluvial of the Mississippi, alluvial soils derived from older sediments of the Arkansas and Ouachita Rivers, and Mississippi terrace soils developed from Pleistocene and recent sediments.

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PROCEDURE

The general procedure used in this study was to project machinery and other input price data and apply these data to the production practice data for rice and other commodities. Input prices were obtained from surveys of farm suppliers, machinery dealers, and aerial applicators to provide a basis for estimating 2011 budgets. Machinery and other input cost data are presented in the Appendix.

The budgets included in this report are categorized by per acre total direct expenses and per acre total fixed expenses for a production season. Within these two broad categories, the various inputs are itemized with their respective costs. Although a particular enterprise budget is presented on a per acre basis, some individual cost items are specified on an hourly or price per unit basis. Direct expenses include such cost items as seed, fertilizer, chemicals, fuel, labor, repairs, and irrigation. Fixed expenses include such items as depreciation and interest on investment which are generally incurred during the production period.

A trend that has been increasing is the rental of equipment, such as a large tractor for primary tillage operations. The distribution of costs between the categories of fixed and direct can be substantially altered by such arrangements. Due to high purchase prices, and therefore high fixed costs of specialized machinery, equipment rental should generally be viewed as a viable management option that may allow farm firms to reduce fixed costs of production, and in some instances, better manage income tax liabilities. This is especially true for smaller farms that cannot efficiently utilize expensive machinery inputs. Due to the difficulty in allocating these costs on a per acre basis in a report such as this, the rental decision should be made in the context of a specific whole farm plan.

Due to the detailed nature of the cost computations, a computerized budget generator procedure was utilized. The Mississippi State Budget Generator Program Version 6.0², developed at Mississippi State University, is utilized by the LSU Agricultural Center in producing these costs and returns budgets for several reasons: (1) the budget generator provides a standard format for crop and livestock budgets; (2) the procedure is widely accepted for computational purposes; (3) the procedure can be easily updated for future use or considering alternative farm situations; and (4) the program can easily combine selected budgets into estimated costs and returns for the whole farm.

The budget generator consists of a computer program which specifies a system of computational procedures for calculating costs and returns. The user specifies data required for preparation of a particular budget (i.e. interest rates, performance rates, and input prices). The responsibility for selection of appropriate data included in the computations rests solely with the user. A copy of the computer program used in this publication can be obtained upon request from the Department of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station, LSU Agricultural Center, or may be downloaded from the Internet from the Mississippi State University Department of Agricultural Economics web page.

² Laughlin, David H., and Stan R. Spurlock, *User's Guide for the Mississippi State Budget Generator, Version 6.0 for Windows*, Department of Agricultural Economics, Mississippi State University.

Machinery Costs

Machinery cost data were obtained from a sample of machinery dealers. New machinery prices were used to reflect the economic cost of acquiring and maintaining capital assets in current dollar values. Purchase prices for selected power and machinery items included in this report are presented in the Appendix. Other data included in the Appendix indicate hours of annual use and years of life for each selected machinery item. Fuel consumption, accumulated repair costs, and other machinery performance data are based on ASAE standards.³ Machinery fixed costs are calculated using the capital recovery method which includes estimates of both annual depreciation and interest on investment.^{4,5} Performance rates for selected field operations are presented in Appendix Table 11 and are based on estimates obtained from farmer and equipment dealer surveys supplemented with data from the Official Guide for Tractors and Farm Equipment.

Price Data

Input price data were updated by obtaining prices from farm input suppliers and were used as the basis for projecting estimates of input costs for 2011. Herbicide, fertilizer, and insecticide expenditures for each enterprise budget are based upon the types of chemicals producers generally reported using for that situation. Suggested prices for selected farm inputs and aerial application rates are presented in Appendix Table 8.

Hired labor was charged at \$9.60 per hour for all classes of labor except for harvest machinery and laser leveling operator labor. This wage rate include a \$7.50 per hour basic wage rate plus additional costs (27.65%) for social security, Medicare, and workman's compensation (6.2%, 1.45%, 20%). Operator labor was charged at \$15.30 per hour, which includes a basic wage rate of \$12.00 per hour plus additional costs (27.65%) for social security, Medicare, and workman's compensation (6.2%, 1.45%, 20%). The higher wage rate was charged for these classes of operators because of the relatively higher skills required to run these types of machinery and the general consensus that these operators are generally twelve month (salaried) employees i.e. foremen. These hourly wage rates are based upon the minimum wage rate plus allowances for social security and workman's compensation. Farm labor may not be generally available on an hourly basis; however, an hourly charge represents a practical method for charging labor to the respective enterprises.

Interest on operating capital (short term) was charged at a nominal rate of 4.3% per year. Operating capital was assumed to be borrowed in a manner consistent with timely acquisition of inputs. Fuel prices for diesel and gasoline were \$2.75 per gallon and \$2.61 per gallon, respectively. Variable costs for tractors, self-propelled machinery, and irrigation machinery include the cost of fuel, lubrication, and repair.

The intermediate term interest rate was charged at an historical real rate of 5.5%. The reasoning behind the difference in short and intermediate term rates is that longer term nominal rates are highly variable and closely follow the trend set by the rate of inflation. Intermediate term interest rates above the real rate of interest can overstate true interest costs because they overlook the value gained by an asset due solely to inflation.

³ ASAE Standards, 1999, 46th edition, Standards Engineering Practices data, American Society of Agricultural Engineers.

⁴ Kay, Ronald D., and William M. Edwards, *Farm Management*, 4th edition, McGraw-Hill, 1999, p. 447.

⁵ Boehlje, Michael D., and Vernon R. Eidman, *Farm Management*, John Wiley & Sons, Inc, 1984, p.143.

Incomes for all rice, soybean, wheat and sorghum enterprises are based solely on a projected market prices (or loan rates) for 2011. Crop production is valued at the loan rate when market prices are projected to fall below the loan rate. No farm program payments are included in income for any crop because they are exogenous to a producer's crop mix decision given adherence to the minimum requirements necessary to receive guaranteed payments. Given the current depressed price situation, loan deficiency payments could impact production decisions. However, loan deficiency payments are not included in income because they vary somewhat by area, and the output prices used in this report are near or slightly above loan rates.

Yields

Yields in this report are based upon projected average yields for each area (Southwest and Northeast). It is critically important that users of this information adjust yields to reflect their specific situation, in order to accurately reflect expected returns for their farm operation. In the Southwest for example, parishes adjacent to the Gulf of Mexico generally experience lower rice yields than the more northern parishes. This factor has extremely important implications on expected returns.

Overhead Labor and Costs

Overhead costs reflect significant expenses associated with the operation of the entire farm business, but are not necessarily attributable to a specific enterprise. Examples of farm overhead costs include tax services, record keeping, utilities, farmstead maintenance, and insurance and property taxes where applicable.

Overhead cost projections presented in this report are based on the 2000 ERS survey of overhead costs. This survey is conducted every three to eight years. Methodolgy and detailed information can be found on the ERS website at <http://www.ers.usda.gov>. Forecasts for general farm overhead, and taxes and insurance for corn, soybeans, cotton and rice for regions that include Louisiana for 2004 were averaged. The percentage difference between 2004 and the projected costs for 2011 for each crop national average was calculated and these were averaged. The 2011 regional average was then increased by this average to produce the figure used in this report.

Farm overhead operating costs are costs associated with farmstead maintenance, mowing turn rows, drainage construction, road maintenance, general use of a pickup truck, and operation of a farm shop. Cost estimates for these items are included in tractor or machinery fuel, lubrication, and repair and maintenance.

Each of the enterprise budgets included in this report incorporate the variable and fixed components of overhead cost as a single lump sum under "allocated cost items" in the enterprise budgets. The total overhead costs for a firm are related to tenure and size of business. The overhead costs included in this report were estimated on a per acre basis, and thus are included in enterprise budgets on a per-acre-of-land use basis.

ENTERPRISE BUDGETS

The enterprise budgets for both owner-operators and tenant-operators are presented in two parts. The first part is a summary of costs and returns for the enterprise. The second part provides a table listing the sequence of production operations, indicating the tools used, month of operation, labor required, machine time required, and materials used. Labor costs, material costs, custom costs, and direct and fixed costs for tractors and equipment are also included for each operation. All costs are summed giving the total cost per operation or practice.

It should be noted that the enterprise budgets presented for owner-operators assume the operator owns the land resource (i.e. has 100 percent equity in the land). If a person is in the process of purchasing the land (i.e. has less than 100 percent equity), his cost of production may be considerably higher than the full owner or tenant-operator.

In recognition of the above, a second allocated cost item (in addition to overhead) is included in the summary budgets for owner-operators. This charge is a cash rental value for land and water which serves as a proxy for the income that could be gained if the owner-operator rented his land under the same crop and area specific rental arrangement assumed in tenant-operator budgets in this publication (this includes providing irrigation for rice). It is a non-cash cost and can be interpreted as an opportunity cost. It is not an estimated cost of land, but given there is no better alternative use for the land, and the assumptions implicit in these budgets in terms of production practices, current input and output prices, and rental arrangements, it does represent a yearly estimate of market returns to land and (in the case of rice) water, *ceteris paribus* (all other things unchanged). This value will change in response to changes in any of the above mentioned factors.

Rice Budgets - Southwest Louisiana

This report provides 2011 projected costs and returns for rice in Southwest Louisiana using two methods of seeding rice -- water planted and drill planted. Southwest Louisiana rice budgets are presented in Tables 5 through 24. Results are summarized in Table 1. Budgets are presented for both owner and tenant situations for each of the planting methods. Although most rice is produced on share-rented land, owner-operator budgets are included to present the total costs of producing rice including irrigation costs, given that landlords pay irrigation costs in some rental arrangements. Rice seeding, fertilization and pesticide rates are based upon recommended rice production practices.⁶ Conservation tillage budgets (stale seedbed) are included, as well conventional tillage. Projected costs and returns are presented for conventional variety, Clearfield varieties, and Clearfield hybrid varieties for rice production in a crop rotation. Budgets are also included for second cutting (ratoon crop) rice for both owner-operator and tenant-operator. Rice is valued at a projected market price of \$13.00 per cwt. in 2011, based on futures prices at the time of publication. Rice production cost budgets for Southwest Louisiana are estimated using a projected yield of 65 cwt. per acre for both water planted and drill planted production systems. Ratoon crop yield is set at 22 cwt. per acre.

Rental arrangements are variable across crops, areas, and producers. For rice in Southwest Louisiana, it was assumed that the landlord and waterlord received a total 30 percent share of the rice crop for providing land and water. The waterlord was also assumed to pay the fuel costs for rice irrigation pumping and the fixed costs of rice irrigation system. The landlord

⁶ *Rice Varieties and Management Tips, 2011*, LSU Agricultural Center, Baton Rouge, LA.

and waterlord were assumed to not share in any other production expenses other than the cost of hauling and drying for the landlord and waterlord share of production. Drying costs were calculated by multiplying a commercial rate times the green weight. It was assumed rice was harvested at a moisture level of 21 percent and was dried to a 10 percent level.⁷ Storage costs were not included in any of the rice enterprise budgets.

Irrigation costs shown in the rice budgets were based on rice irrigation pumping requirement data from an early study by Salassi and Musick with irrigation parameters updated from a more recent study as well as current projected diesel prices.^{8,9} For Southwest Louisiana, a 10 inch well 300 feet deep was chosen as representative of irrigation wells, and a diesel engine was selected as the power source for the system. Assuming average weather conditions and a pinpoint flood system, the wells were estimated to serve 200 acres and pump a total of 5,000 acre inches for conventional water planted rice (25 inches/acre) and 5,600 acre inches for conventional drill planted rice (28 inches/acre). Conservation tillage budgets for rice included in this report assume similar amounts of irrigation water use for water planted and drill planted rice production systems. The delivery system was subsurface pipeline using an average of 20 linear feet of 10 inch plastic pipe per acre. A summary of the cost items is shown in Appendix Tables 1, 2 and 3.

Rice Budgets - Northeast Louisiana

This report provides 2011 projected costs and returns for rice in Northeast Louisiana using two methods of planting rice -- water and drill planted. Budgets are presented for both owner and tenant situations for each of the planting methods. No ratoon crop budgets are included for this area of the state. Rice costs and returns budgets for Northeast Louisiana are based on a projected yield of 68 cwt. per acre for both water planted and drill planted production systems. Receipts for rice producers in Northeast Louisiana were calculated in the same way as for Southwest Louisiana rice producers (projected market price of \$13.00 per hundredweight and no government payments).

Rental arrangements vary across producers and areas. For Northeast Louisiana, a representative rental arrangement was assumed to be a 30 percent crop share to the landlord and waterlord. The landlord shares in the cost of production by contributing 15 percent of the hauling and drying cost, the waterlord shares by paying 15 percent of the drying and storage costs and all irrigation fuel costs. The waterlord also incurs all the irrigation system fixed costs. In most cases in Northeast Louisiana, the landlord and waterlord are the same person. For tenant-operator situations, share rents were specified as a deduction from gross income, and any landlord/waterlord cost sharing was deducted from the appropriate cost item.

⁷ Green weight estimated as 1.10% of dry grain weight Source: *2011 Rice Variety and Management Tips*, Louisiana State University Agricultural Center, 2011.

⁸ Salassi, Michael E., and Joseph A. Musick, *An Economic Analysis of Rice Irrigation Pumping Systems in Louisiana*, Department of Agricultural Economics, Louisiana Agricultural Experiment Station, LSU Agricultural Center, Baton Rouge, LA, D.A.E. Research Report No. 617, July 1983.

⁹ Salassi, Michael E., and Michael A. Deliberto, *Economic Considerations in Conversion from Diesel to Electric Rice Irrigation Pumping Systems*, Department of Agricultural Economics, Louisiana Agricultural Experiment Station, LSU Agricultural Centers, Baton Rouge, LA, Staff Report No. 2008-14, December 2008.

Irrigation costs shown in Northeast Louisiana rice budgets were estimated based on an irrigation system with a 12 inch well 100 feet deep, a surface canal distribution system and a diesel engine as the power source. For a typical situation in Northeast Louisiana using a pinpoint flood system and average weather, the wells were estimated to serve 200 acres and pump a total of 6,000 acre inches for water planted rice (30 inches/acre) or 6,200 acre inches for drill planted rice (31 inches/acre). A summary of the cost items is shown in Appendix Tables 4 and 5.

Soybean Budgets – Southwest Louisiana

Soybean projected costs and returns for 2011, presented in Tables 29-30, were developed for conventional drill planting of Roundup Ready soybeans. Budgets are presented for owner-operator and tenant-operator situations. The rental arrangement for tenant-operators was assumed to be 20% crop share to the landlord with the landlord paying 20% of the hauling costs. Returns are estimated using a \$12.00 per bushel projected market price and soybean yields of 35 bushels per acre for drilled soybeans.

Wheat Budgets – Southwest Louisiana

Projected costs and returns were developed for a drill-planted wheat enterprise for owner-operator and tenant-operator situations. These projected costs and returns are presented in Tables 31-32. Rental arrangements were assumed to be 20% crop share to the landlord with the landlord not sharing in any costs. A projected product price of \$7.50 per bushel and a gross yield of 45 bushels per acre were used in estimating market returns to wheat production.

Sorghum Budgets – Southwest Louisiana

Projected costs and returns were developed for a drill-planted sorghum enterprise for owner-operator and tenant-operator situations. These projected costs and returns are presented in Tables 33-34. Rental arrangements were assumed to be 20% crop share to the landlord with the landlord not sharing in any costs. A projected product price of \$4.40 per bushel and a gross yield of 85 bushels per acre were used in estimating market returns to sorghum production.

SUMMARY

A summary of 2011 projected costs and returns for rice enterprise situations presented in this report is provided in Tables 1 and 2. Table 1 presents a summary of costs and returns for rice enterprises in Southwest and Northeast Louisiana. Break-even selling prices are shown in Table 2 for each rice enterprise situation budgeted. The break-even selling price represents the cost of production per unit of output at a particular yield level. Therefore, a price higher than the break-even price would have to be received before the operator would obtain a return above specified costs. Break-even prices are presented for direct costs (a close approximation of cash costs) and for total specified costs which represents all costs except overhead, land and risk for owner-operators. The break-even analysis of total specified costs for tenant-operator situations does consider land cost, but not risk or overhead costs. A summary of 2011 projected costs and returns for soybean, wheat, and sorghum production are shown in Table 3 with break-even selling prices necessary to cover direct and total specified costs presented in Table 4.

Louisiana Rice Production Areas

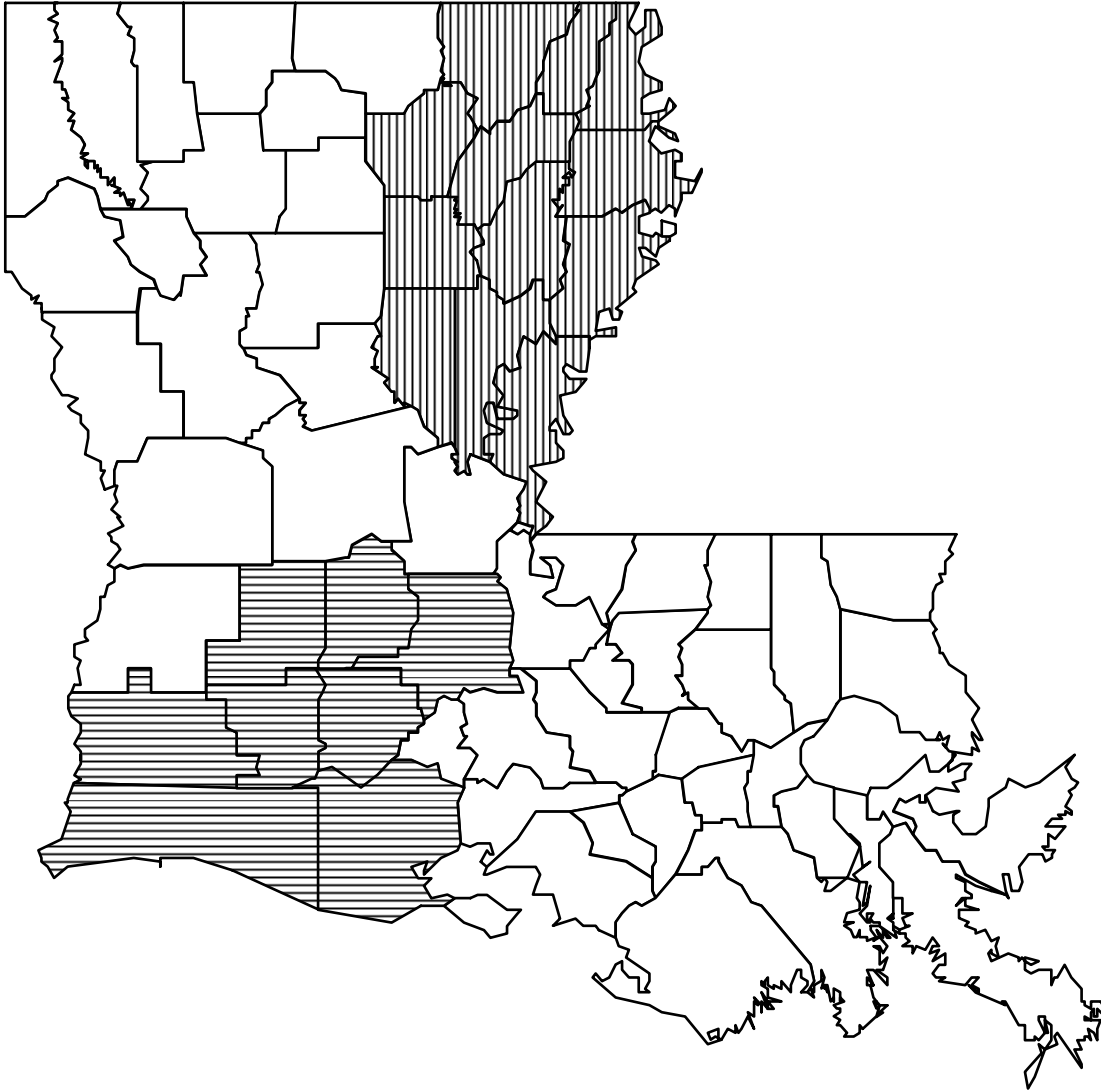


Table 1. Rice Breakeven Prices to Cover Variable Production Costs for Selected Yield Levels, Southwest Louisiana, 2011.

<u>Crop Description</u>	Yield Level in Hundredweight per Acre				
	<u>-10%</u>	<u>-5%</u>	<u>Base</u>	<u>+5%</u>	<u>+10%</u>
	58.5	61.8	65.0	68.3	71.5
-----Dollars per Hundredweight-----					
<u>Southwest Louisiana:</u>					
(1) Water Planted – Tenant Operator:					
(a) Conventional Variety:					
(i) Conventional Tillage:					
- In Rotation	10.79	10.29	9.84	9.43	9.06
(ii) Stale Seedbed:					
- In Rotation	10.61	10.12	9.68	9.28	8.91
(b) Clearfield Variety:					
(i) Conventional Tillage:					
- In Rotation	11.84	11.28	10.78	10.33	9.91
(ii) Stale Seedbed:					
- In Rotation	11.66	11.11	10.62	10.18	9.77
(2) Drill Planted – Tenant Operator:					
(a) Conventional Variety:					
(i) Conventional Tillage:					
- In Rotation	9.63	9.19	8.79	8.43	8.11
(ii) Stale Seedbed:					
- In Rotation	9.90	9.44	9.04	8.67	8.33
(b) Clearfield Variety:					
(i) Conventional Tillage:					
- In Rotation	10.69	10.19	9.74	9.34	8.97
(ii) Stale Seedbed:					
- In Rotation	11.09	10.57	10.11	9.69	9.30
Yield Level in Barrels per Acre					
	<u>-10%</u>	<u>-5%</u>	<u>Base</u>	<u>+5%</u>	<u>+10%</u>
	36.1	38.1	40.1	42.1	44.1
-----Dollars per Barrel-----					
<u>Southwest Louisiana:</u>					
(1) Water Planted – Tenant Operator:					
(a) Conventional Variety:					
(i) Conventional Tillage:					
- In Rotation	17.48	16.67	15.94	15.27	14.67
(ii) Stale Seedbed:					
- In Rotation	17.19	16.40	15.68	15.03	14.44
(b) Clearfield Variety:					
(i) Conventional Tillage:					
- In Rotation	19.18	18.28	17.46	16.73	16.06
(ii) Stale Seedbed:					
- In Rotation	18.89	18.00	17.21	16.48	15.83
(2) Drill Planted – Tenant Operator:					
(a) Conventional Variety:					
(i) Conventional Tillage:					
- In Rotation	15.60	14.88	14.24	13.66	13.13
(ii) Stale Seedbed:					
- In Rotation	16.04	15.30	14.64	14.04	13.49
(b) Clearfield Variety:					
(i) Conventional Tillage:					
- In Rotation	17.31	16.51	15.78	15.13	14.54
(ii) Stale Seedbed:					
- In Rotation	17.96	17.13	16.37	15.69	15.07

Table 2. Rice Breakeven Prices to Cover Total Specified Production Costs for Selected Yield Levels, Southwest Louisiana, 2011.

Crop Description	Yield Level in Hundredweight per Acre				
	-10%	-5%	Base	+5%	+10%
	58.5	61.8	65.0	68.3	71.5
-----Dollars per Hundredweight-----					
<u>Southwest Louisiana:</u>					
(1) Water Planted – Tenant Operator:					
(a) Conventional Variety:					
(i) Conventional Tillage:					
- In Rotation	12.18	11.60	11.09	10.62	10.19
(ii) Stale Seedbed:					
- In Rotation	11.63	11.08	10.59	10.14	9.74
(b) Clearfield Variety:					
(i) Conventional Tillage:					
- In Rotation	13.23	12.60	12.03	11.52	11.05
(ii) Stale Seedbed:					
- In Rotation	12.67	12.07	11.53	11.04	10.60
(2) Drill Planted – Tenant Operator:					
(a) Conventional Variety:					
(i) Conventional Tillage:					
- In Rotation	10.84	10.33	9.88	9.47	9.10
(ii) Stale Seedbed:					
- In Rotation	11.05	10.53	10.07	9.65	9.27
(b) Clearfield Variety:					
(i) Conventional Tillage:					
- In Rotation	11.76	11.20	10.71	10.26	9.85
(ii) Stale Seedbed:					
- In Rotation	12.21	11.63	11.11	10.64	10.21
Yield Level in Barrels per Acre					
	-10%	-5%	Base	+5%	+10%
	36.1	38.1	40.1	42.1	44.1
-----Dollars per Barrel-----					
<u>Southwest Louisiana:</u>					
(1) Water Planted – Tenant Operator:					
(a) Conventional Variety:					
(i) Conventional Tillage:					
- In Rotation	19.73	18.80	17.96	17.20	16.51
(ii) Stale Seedbed:					
- In Rotation	18.83	17.95	17.15	16.43	15.78
(b) Clearfield Variety:					
(i) Conventional Tillage:					
- In Rotation	21.43	20.41	19.49	18.66	17.90
(ii) Stale Seedbed:					
- In Rotation	20.53	19.56	18.68	17.89	17.17
(2) Drill Planted – Tenant Operator:					
(a) Conventional Variety:					
(i) Conventional Tillage:					
- In Rotation	17.56	16.74	16.00	15.34	14.74
(ii) Stale Seedbed:					
- In Rotation	17.90	17.07	16.31	15.64	15.02
(b) Clearfield Variety:					
(i) Conventional Tillage:					
- In Rotation	19.05	18.15	17.35	16.62	15.95
(ii) Stale Seedbed:					
- In Rotation	19.77	18.84	18.00	17.24	16.55

Table 3. Rice Breakeven Prices to Cover Variable and Total Specified Production Costs for Selected Yield Levels, Northeast Louisiana, 2011.

Crop Description	Yield Level in Hundredweight per Acre				
	-10%	-5%	Base	+5%	+10%
	61.2	64.6	68.0	71.4	74.8
-----Dollars per Hundredweight-----					
Northeast Louisiana:					
(1) Drill Planted – Tenant Operator:					
(a) Conventional Variety:					
(i) Conventional Tillage:					
- In Rotation					
Variable cost	8.54	8.16	7.81	7.50	7.22
Total specified cost	9.76	9.32	8.91	8.55	8.22
(b) Clearfield Variety:					
(i) Conventional Tillage:					
- In Rotation					
Variable cost	9.55	9.11	8.72	8.36	8.04
Total specified cost	10.70	10.20	9.75	9.35	8.98

Table 4. Soybean, Wheat and Sorghum Breakeven Prices to Cover Variable and Total Specified Production Costs for Selected Yield Levels, Southwest Louisiana, 2011.

Crop Description		Yield Level in Bushel per Acre				
		-10%	-5%	Base	+5%	+10%
		-----Dollars per Bushel-----				
Southwest Louisiana:						
(1) Soybeans, – Tenant Operator:	Yield	<u>31.50</u>	<u>33.3</u>	<u>35.0</u>	<u>36.8</u>	<u>38.5</u>
(a) Drilled:						
Variable cost		8.39	7.96	7.57	7.21	6.89
Total specified cost		9.35	8.87	8.43	8.04	7.68
(2) Wheat, – Tenant Operator:	Yield	<u>40.5</u>	<u>42.8</u>	<u>45.0</u>	<u>47.3</u>	<u>49.5</u>
(a) Drilled:						
Variable cost		4.22	4.01	3.81	3.64	3.48
Total specified cost		4.96	4.71	4.48	4.27	4.08
(3) Sorghum, – Tenant Operator:	Yield	<u>76.5</u>	<u>80.8</u>	<u>85.0</u>	<u>89.3</u>	<u>93.5</u>
(a) Drilled:						
Variable cost		2.96	2.81	2.68	2.56	2.45
Total specified cost		3.38	3.21	3.05	2.91	2.79

Table 5.A Estimated costs and returns per acre, Rice, Conventional Variety, Water Plant, Conventional Tillage, (In Rotation) Owner-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice Checkoff	cwt	0.08	-65.0000	-5.20	_____
TOTAL INCOME				839.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	9.0000	3.15	_____
App by Air (5 gal)	appl	5.50	5.0000	27.50	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	72.0000	64.80	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Facet 75DF	lb	49.92	0.5000	24.96	_____
Londax 60DF	oz	14.29	1.0000	14.29	_____
2,4-D Amine 4	pt	1.74	2.5000	4.35	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Seed Conv.	lb	0.36	120.0000	43.20	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM PLANT					
LA Rice Air Plant SW	cwt	5.60	1.2000	6.72	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	65.0000	19.50	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.8574	8.24	_____
LA Irrigation Labor					
Irrigation System 1	hour	9.60	0.2999	2.88	_____
DIESEL FUEL					
Tractors	gal	2.75	10.5417	28.98	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
Irrigation System 1	gal	2.75	53.9580	148.38	_____
REPAIR & MAINTENANCE					
Implements	acre	3.15	1.0000	3.15	_____
Tractors	acre	4.29	1.0000	4.29	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
Irrigation System 1	acre	3.75	1.0000	3.75	_____
INTEREST ON OP. CAP.	acre	11.73	1.0000	11.73	_____
TOTAL DIRECT EXPENSES				629.62	_____
RETURNS ABOVE DIRECT EXPENSES				210.18	_____
FIXED EXPENSES					
Implements	acre	7.32	1.0000	7.32	_____
Tractors	acre	27.64	1.0000	27.64	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
Irrigation System 1	acre	35.96	1.0000	35.96	_____
TOTAL FIXED EXPENSES				91.55	_____
TOTAL SPECIFIED EXPENSES				721.17	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				118.63	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS					
Land (O. C.) SW-RC	acre	90.00	1.0000	90.00	_____
RESIDUAL RETURNS				-1.37	_____

Table 5.B Estimated resource use and costs for field operations, per acre, Rice, Conventional Variety, Water Plant, Conventional Tillage, (In Rotation)Owner-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	4WD 225	0.061	2.00	Nov	4.47	3.67	1.53	3.34	0.12	1.18				14.19
LA Rice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96				10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Field Cultivate	32'	4WD 300	0.046	1.00	Feb	2.27	1.86	0.45	1.96	0.04	0.45				6.99
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38	9.38
LA Nitrogen	lb											70.0000	0.51	35.70	35.70
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25	6.25
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											60.0000	0.48	28.80	28.80
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
Ditcher		MFWD 150	0.020	1.00	Feb	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Feb	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Rice Gates	each			1.00	Feb							1.0000	3.65	3.65	3.65
LA Rice Backhoe-Rxmt	2 ft	MFWD 150	0.500	0.05	Feb	0.62	0.53	0.13	0.19	0.02	0.24				1.71
LA Rice Water Level	24 ft	4WD 300	0.149	2.00	Feb	14.57	11.97	0.46	1.00	0.29	2.88				30.88
LA Rice Air Plant SW	cwt			1.00	Apr							1.2000	5.60	6.72	6.72
Rice Seed Conv.	lb											120.0000	0.36	43.20	43.20
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Facet 75DF	lb											0.5000	49.92	24.96	24.96
Londax 60DF	oz											1.0000	14.29	14.29	14.29
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
2,4-D Amine 4	pt											2.5000	1.74	4.35	4.35
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LA Rice Haul	cwt			1.00	Aug							65.0000	0.30	19.50	19.50
LA Rice Dry	cwt			1.00	Aug							72.0000	0.90	64.80	64.80
Irrigation System 1	acre				Mar			152.13	35.96	0.29	2.88	1.0000			190.97
TOTALS						53.58	48.27	155.28	43.28	1.48	16.17			392.86	709.44
INTEREST ON OPERATING CAPITAL															11.73
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															721.17

Table 6.A Estimated costs and returns per acre, Rice, Conventional Variety, Water Plant, Conventional Tillage, (In Rotation) Tenant-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice-land&water	cwt	13.00	-19.5000	-253.50	_____
LA Rice Checkoff	cwt	0.08	-45.5000	-3.64	_____
TOTAL INCOME				587.86	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	9.0000	3.15	_____
App by Air (5 gal)	appl	5.50	5.0000	27.50	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	50.0000	45.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Facet 75DF	lb	49.92	0.5000	24.96	_____
Londax 60DF	oz	14.29	1.0000	14.29	_____
2,4-D Amine 4	pt	1.74	2.5000	4.35	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Seed Conv.	lb	0.36	120.0000	43.20	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM PLANT					
LA Rice Air Plant SW	cwt	5.60	1.2000	6.72	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	45.5000	13.65	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.8574	8.24	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.3000	2.88	_____
DIESEL FUEL					
Tractors	gal	2.75	11.0156	30.28	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
REPAIR & MAINTENANCE					
Implements	acre	3.15	1.0000	3.15	_____
Tractors	acre	4.48	1.0000	4.48	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
INTEREST ON OP. CAP.	acre	7.41	1.0000	7.41	_____
TOTAL DIRECT EXPENSES				449.01	_____
RETURNS ABOVE DIRECT EXPENSES				138.85	_____
FIXED EXPENSES					
Implements	acre	7.32	1.0000	7.32	_____
Tractors	acre	28.87	1.0000	28.87	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
TOTAL FIXED EXPENSES				56.82	_____
TOTAL SPECIFIED EXPENSES				505.83	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				82.03	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				52.03	_____

Table 6.B Estimated resource use and costs for field operations, per acre, Rice, Conventional Variety, Water Plant, Conventional Tillage, (In Rotation)Tenant-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	4WD 300	0.061	2.00	Nov	5.96	4.90	1.53	3.34	0.12	1.18				16.91
LA Rice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96				10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Field Cultivate	32'	4WD 300	0.046	1.00	Feb	2.27	1.86	0.45	1.96	0.04	0.45				6.99
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38	9.38
LA Nitrogen	lb											70.0000	0.51	35.70	35.70
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25	6.25
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											60.0000	0.48	28.80	28.80
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
Ditcher		MFWD 150	0.020	1.00	Feb	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Feb	2.61	2.26	0.15	0.13	0.10	1.02				6.17
LA Irrigation Labor	hour			1.00	Feb					0.30	2.88				2.88
Rice Gates	each											1.0000	3.65	3.65	3.65
LA Rice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Feb	0.62	0.53	0.13	0.19	0.02	0.24				1.71
LA Rice Water Level	24 ft	4WD 300	0.149	2.00	Feb	14.57	11.97	0.46	1.00	0.29	2.88				30.88
LA Rice Air Plant SW	cwt			1.00	Apr										6.72
Rice Seed Conv.	lb											120.0000	0.36	43.20	43.20
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Facet 75DF	lb											0.5000	49.92	24.96	24.96
Londax 60DF	oz											1.0000	14.29	14.29	14.29
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
2,4-D Amine 4	pt											2.5000	1.74	4.35	4.35
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LA Rice Haul	cwt			1.00	Aug							45.5000	0.30	13.65	13.65
LA Rice Dry	cwt			1.00	Aug							50.0000	0.90	45.00	45.00
TOTALS						55.07	49.50	3.15	7.32	1.48	16.17			367.21	498.42
INTEREST ON OPERATING CAPITAL															7.41
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															505.83

Table 7.A Estimated costs and returns per acre, Rice, Conventional
 Variety, Water Plant, Stale Seedbed, (In Rotation)
 Owner-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice Checkoff	cwt	0.08	-65.0000	-5.20	_____
TOTAL INCOME				839.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	9.0000	3.15	_____
App by Air (5 gal)	appl	5.50	5.0000	27.50	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	72.0000	64.80	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Roundup Original Max	oz	0.45	2.0000	0.90	_____
Facet 75DF	lb	49.92	0.5000	24.96	_____
Londax 60DF	oz	14.29	1.0000	14.29	_____
2,4-D Amine 4	pt	1.74	2.5000	4.35	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Seed Conv.	lb	0.36	120.0000	43.20	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM PLANT					
LA Rice Air Plant SW	cwt	5.60	1.2000	6.72	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	65.0000	19.50	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.5709	5.49	_____
LA Irrigation Labor					
Irrigation System 1	hour	9.60	0.2999	2.88	_____
DIESEL FUEL					
Tractors	gal	2.75	6.1280	16.85	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
Irrigation System 1	gal	2.75	53.9580	148.38	_____
REPAIR & MAINTENANCE					
Implements	acre	2.36	1.0000	2.36	_____
Tractors	acre	2.57	1.0000	2.57	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
Irrigation System 1	acre	3.75	1.0000	3.75	_____
INTEREST ON OP. CAP.	acre	11.18	1.0000	11.18	_____
TOTAL DIRECT EXPENSES				612.58	_____
RETURNS ABOVE DIRECT EXPENSES				227.22	_____
FIXED EXPENSES					
Implements	acre	4.51	1.0000	4.51	_____
Tractors	acre	16.32	1.0000	16.32	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
Irrigation System 1	acre	35.96	1.0000	35.96	_____
TOTAL FIXED EXPENSES				77.42	_____
TOTAL SPECIFIED EXPENSES				690.00	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				149.80	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS					
Land (O. C.) SW-RC	acre	90.00	1.0000	90.00	_____
RESIDUAL RETURNS				29.80	_____

Table 7.B Estimated resource use and costs for field operations, per acre, Rice, Conventional Variety, Water Plant, Stale Seedbed, (In Rotation) Owner-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	4WD 300	0.061	1.00	Oct	2.99	2.45	0.76	1.67	0.06	0.59				8.46
Disk Harrow	32'	4WD 300	0.061	1.00	Nov	2.99	2.45	0.76	1.67	0.06	0.59				8.46
LA Rice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96				10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Feb	1.48	1.28	0.13	0.15	0.05	0.58				3.62
Roundup Original Max oz												2.0000	0.45	0.90	0.90
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38	9.38
LA Nitrogen	lb											70.0000	0.51	35.70	35.70
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25	6.25
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											60.0000	0.48	28.80	28.80
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
Ditcher		MFWD 150	0.020	1.00	Feb	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Feb	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Rice Gates	each			1.00	Feb							1.0000	3.65	3.65	3.65
LA Rice Backhoe-Rxmnt	2 ft	MFWD 150	0.500	0.05	Feb	0.62	0.53	0.13	0.19	0.02	0.24				1.71
Irrigation System 1					Mar										
LA Rice Air Plant SW	cwt			1.00	Apr							1.2000	5.60	6.72	6.72
Rice Seed Conv.	lb											120.0000	0.36	43.20	43.20
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Facet 75DF	lb											0.5000	49.92	24.96	24.96
Londax 60DF	oz											1.0000	14.29	14.29	14.29
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
2,4-D Amine 4	pt											2.5000	1.74	4.35	4.35
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LA Rice Haul	cwt			1.00	Aug							65.0000	0.30	19.50	19.50
LA Rice Dry	cwt			1.00	Aug							72.0000	0.90	64.80	64.80
Irrigation System 1	acre				Mar			152.13	35.96	0.29	2.88	1.0000			190.97
TOTALS						39.73	36.95	154.49	40.47	1.20	13.42			393.76	678.82
INTEREST ON OPERATING CAPITAL															11.18
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															690.00

Table 8.A Estimated costs and returns per acre, Rice, Conventional
 Variety, Water Plant, Stale Seedbed, (In Rotation)
 Tenant-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice-land&water	cwt	13.00	-19.5000	-253.50	_____
LA Rice Checkoff	cwt	0.08	-45.5000	-3.64	_____
TOTAL INCOME				587.86	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	9.0000	3.15	_____
App by Air (5 gal)	appl	5.50	5.0000	27.50	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	50.0000	45.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.97	2.0000	11.94	_____
Facet 75DF	lb	49.92	0.5000	24.96	_____
Londax 60DF	oz	14.29	1.0000	14.29	_____
2,4-D Amine 4	pt	1.74	2.5000	4.35	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Seed Conv.	lb	0.36	120.0000	43.20	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM PLANT					
LA Rice Air Plant SW	cwt	5.60	1.2000	6.72	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	45.5000	13.65	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.5709	5.49	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.3000	2.88	_____
DIESEL FUEL					
Tractors	gal	2.75	6.1280	16.85	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
REPAIR & MAINTENANCE					
Implements	acre	2.36	1.0000	2.36	_____
Tractors	acre	2.57	1.0000	2.57	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
INTEREST ON OP. CAP.	acre	7.09	1.0000	7.09	_____
TOTAL DIRECT EXPENSES				441.75	_____
RETURNS ABOVE DIRECT EXPENSES				146.11	_____
FIXED EXPENSES					
Implements	acre	4.51	1.0000	4.51	_____
Tractors	acre	16.32	1.0000	16.32	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
TOTAL FIXED EXPENSES				41.46	_____
TOTAL SPECIFIED EXPENSES				483.21	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				104.65	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				74.65	_____

Table 8.B Estimated resource use and costs for field operations, per acre, Rice, Conventional Variety, Water Plant, Stale Seedbed,
(In Rotation) Tenant-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	4WD 300	0.061	1.00	Oct	2.99	2.45	0.76	1.67	0.06	0.59				8.46
Disk Harrow	32'	4WD 300	0.061	1.00	Nov	2.99	2.45	0.76	1.67	0.06	0.59				8.46
LA Rice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96				10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Feb	1.48	1.28	0.13	0.15	0.05	0.58				3.62
Roundup Ultra MAX	pt											2.0000	5.97	11.94	11.94
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38	9.38
LA Nitrogen	lb											70.0000	0.51	35.70	35.70
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25	6.25
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											60.0000	0.48	28.80	28.80
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
Ditcher		MFWD 150	0.020	1.00	Feb	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Feb	2.61	2.26	0.15	0.13	0.10	1.02				6.17
LA Irrigation Labor	hour			1.00	Feb					0.30	2.88				2.88
Rice Gates	each											1.0000	3.65	3.65	3.65
LA Rice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Feb	0.62	0.53	0.13	0.19	0.02	0.24				1.71
LA Rice Air Plant SW	cwt			1.00	Apr							1.2000	5.60	6.72	6.72
Rice Seed Conv.	lb											120.0000	0.36	43.20	43.20
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Facet 75DF	lb											0.5000	49.92	24.96	24.96
Londax 60DF	oz											1.0000	14.29	14.29	14.29
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
2,4-D Amine 4	pt											2.5000	1.74	4.35	4.35
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
LA Rice Combine		25 ft	0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LA Rice Haul	cwt			1.00	Aug							45.5000	0.30	13.65	13.65
LA Rice Dry	cwt			1.00	Aug							50.0000	0.90	45.00	45.00
TOTALS						39.73	36.95	2.36	4.51	1.20	13.42			379.15	476.12
INTEREST ON OPERATING CAPITAL															7.09
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															483.21

Table 9.A Estimated costs and returns per acre, Rice, Clearfield
 Variety, Water Plant, Conventional Tillage, (In Rotation)
 Owner-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice Checkoff	cwt	0.08	-65.0000	-5.20	_____
TOTAL INCOME				839.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	9.0000	3.15	_____
App by Air (5 gal)	appl	5.50	5.0000	27.50	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	72.0000	64.80	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Newpath 2SL	oz	3.84	8.0000	30.72	_____
Aim 2EC	oz	6.56	1.6000	10.50	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Clearfield 161	lb	0.89	100.0000	89.00	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM PLANT					
LA Rice Air Plant SW	cwt	5.60	1.0000	5.60	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	65.0000	19.50	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.8574	8.24	_____
LA Irrigation Labor					
Irrigation System 1	hour	9.60	0.2999	2.88	_____
DIESEL FUEL					
Tractors	gal	2.75	11.0156	30.28	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
Irrigation System 1	gal	2.75	53.9580	148.38	_____
REPAIR & MAINTENANCE					
Implements	acre	3.15	1.0000	3.15	_____
Tractors	acre	4.48	1.0000	4.48	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
Irrigation System 1	acre	3.75	1.0000	3.75	_____
INTEREST ON OP. CAP.	acre	12.39	1.0000	12.39	_____
TOTAL DIRECT EXPENSES				674.07	_____
RETURNS ABOVE DIRECT EXPENSES				165.73	_____
FIXED EXPENSES					
Implements	acre	7.32	1.0000	7.32	_____
Tractors	acre	28.87	1.0000	28.87	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
Irrigation System 1	acre	35.96	1.0000	35.96	_____
TOTAL FIXED EXPENSES				92.78	_____
TOTAL SPECIFIED EXPENSES				766.85	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				72.95	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS					
Land (O. C.) SW-RC	acre	90.00	1.0000	90.00	_____
RESIDUAL RETURNS				-47.05	_____

Table 9.B Estimated resource use and costs for field operations, per acre, Rice, Clearfield Variety, Water Plant, Conventional Tillage, (In Rotation) Owner-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	4WD 300	0.061	2.00	Nov	5.96	4.90	1.53	3.34	0.12	1.18				16.91
LA Rice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96				10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Field Cultivate	32'	4WD 300	0.046	1.00	Feb	2.27	1.86	0.45	1.96	0.04	0.45				6.99
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38	9.38
LA Nitrogen	lb											70.0000	0.51	35.70	35.70
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25	6.25
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											60.0000	0.48	28.80	28.80
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
Ditcher		MFWD 150	0.020	1.00	Feb	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Feb	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Rice Gates	each			1.00	Feb							1.0000	3.65	3.65	3.65
LA Rice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Feb	0.62	0.53	0.13	0.19	0.02	0.24				1.71
LA Rice Water Level	24 ft	4WD 300	0.149	2.00	Feb	14.57	11.97	0.46	1.00	0.29	2.88				30.88
Irrigation System 1					Mar										
LA Rice Air Plant SW	cwt			1.00	Apr							1.0000	5.60	5.60	5.60
Rice Clearfield 161	lb											100.0000	0.89	89.00	89.00
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
Aim 2EC	oz											1.6000	6.56	10.50	10.50
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LA Rice Haul	cwt			1.00	Aug							65.0000	0.30	19.50	19.50
LA Rice Dry	cwt			1.00	Aug							72.0000	0.90	64.80	64.80
Irrigation System 1	acre				Mar			152.13	35.96	0.29	2.88	1.0000			190.97
TOTALS						55.07	49.50	155.28	43.28	1.48	16.17			435.16	754.46
INTEREST ON OPERATING CAPITAL															12.39
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															766.85

Table 10.A Estimated costs and returns per acre, Rice, Clearfield Variety, Water Plant, Conventional Tillage, (In Rotation) Tenant-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice-land&water	cwt	13.00	-19.5000	-253.50	_____
LA Rice Checkoff	cwt	0.08	-45.5000	-3.64	_____

TOTAL INCOME				587.86	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	9.0000	3.15	_____
App by Air (5 gal)	appl	5.50	5.0000	27.50	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	50.0000	45.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Newpath 2SL	oz	3.84	8.0000	30.72	_____
Aim 2EC	oz	6.56	1.6000	10.50	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Clearfield 161	lb	0.89	100.0000	89.00	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM PLANT					
LA Rice Air Plant SW	cwt	5.60	1.0000	5.60	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	45.5000	13.65	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.8574	8.24	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.3000	2.88	_____
DIESEL FUEL					
Tractors	gal	2.75	11.0156	30.28	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
REPAIR & MAINTENANCE					
Implements	acre	3.15	1.0000	3.15	_____
Tractors	acre	4.48	1.0000	4.48	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
INTEREST ON OP. CAP.	acre	8.02	1.0000	8.02	_____

TOTAL DIRECT EXPENSES				491.92	_____
RETURNS ABOVE DIRECT EXPENSES				95.94	_____
FIXED EXPENSES					
Implements	acre	7.32	1.0000	7.32	_____
Tractors	acre	28.87	1.0000	28.87	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____

TOTAL FIXED EXPENSES				56.82	_____

TOTAL SPECIFIED EXPENSES				548.74	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				39.12	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				9.12	_____

Table 10.B Estimated resource use and costs for field operations, per acre, Rice, Clearfield Variety, Water Plant, Conventional Tillage, (In Rotation) Tenant-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk Harrow	32'	4WD 300	0.061	2.00	Nov	5.96	4.90	1.53	3.34	0.12	1.18					16.91
LA Rice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96					10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02					6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19					1.20
Field Cultivate	32'	4WD 300	0.046	1.00	Feb	2.27	1.86	0.45	1.96	0.04	0.45					6.99
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38		9.38
LA Nitrogen	lb											70.0000	0.51	35.70		35.70
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25		6.25
LA Phosphate	lb											40.0000	0.63	25.20		25.20
LA Potash	lb											60.0000	0.48	28.80		28.80
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
Ditcher		MFWD 150	0.020	1.00	Feb	0.49	0.43	0.04	0.05	0.02	0.19					1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Feb	2.61	2.26	0.15	0.13	0.10	1.02					6.17
LA Irrigation Labor	hour			1.00	Feb					0.30	2.88					2.88
Rice Gates	each											1.0000	3.65	3.65		3.65
LA Rice Backhoe-Rrmt	2 ft	MFWD 150	0.500	0.05	Feb	0.62	0.53	0.13	0.19	0.02	0.24					1.71
LA Rice Water Level	24 ft	4WD 300	0.149	2.00	Feb	14.57	11.97	0.46	1.00	0.29	2.88					30.88
LA Rice Air Plant SW	cwt			1.00	Apr											5.60
Rice Clearfield 161	lb											100.0000	0.89	89.00		89.00
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50		5.50
Karate Z	oz											2.0000	2.87	5.74		5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50		5.50
Newpath 2SL	oz											4.0000	3.84	15.36		15.36
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50		5.50
Newpath 2SL	oz											4.0000	3.84	15.36		15.36
Aim 2EC	oz											1.6000	6.56	10.50		10.50
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13		8.13
LA Nitrogen	lb											60.0000	0.51	30.60		30.60
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50		5.50
Quadris	oz											10.0000	2.52	25.20		25.20
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50		5.50
Karate Z	oz											2.0000	2.87	5.74		5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05					45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11					0.77
LA Rice Haul	cwt			1.00	Aug							45.5000	0.30	13.65		13.65
LA Rice Dry	cwt			1.00	Aug							50.0000	0.90	45.00		45.00
TOTALS						55.07	49.50	3.15	7.32	1.48	16.17				409.51	540.72
INTEREST ON OPERATING CAPITAL																8.02
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																548.74

Table 11.A Estimated costs and returns per acre, Rice, Clearfield
 Variety, Water Plant, Stale Seedbed, (In Rotation)
 Owner-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice Checkoff	cwt	0.08	-65.0000	-5.20	_____
TOTAL INCOME				839.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	9.0000	3.15	_____
App by Air (5 gal)	appl	5.50	5.0000	27.50	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	72.0000	64.80	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.97	2.0000	11.94	_____
Newpath 2SL	oz	3.84	8.0000	30.72	_____
Aim 2EC	oz	6.56	1.6000	10.50	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Clearfield 161	lb	0.89	100.0000	89.00	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM PLANT					
LA Rice Air Plant SW	cwt	5.60	1.0000	5.60	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	65.0000	19.50	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.5709	5.49	_____
LA Irrigation Labor					
Irrigation System 1	hour	9.60	0.2999	2.88	_____
DIESEL FUEL					
Tractors	gal	2.75	6.1280	16.85	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
Irrigation System 1	gal	2.75	53.9580	148.38	_____
REPAIR & MAINTENANCE					
Implements	acre	2.36	1.0000	2.36	_____
Tractors	acre	2.57	1.0000	2.57	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
Irrigation System 1	acre	3.75	1.0000	3.75	_____
INTEREST ON OP. CAP.	acre	12.07	1.0000	12.07	_____
TOTAL DIRECT EXPENSES				666.81	_____
RETURNS ABOVE DIRECT EXPENSES				172.99	_____
FIXED EXPENSES					
Implements	acre	4.51	1.0000	4.51	_____
Tractors	acre	16.32	1.0000	16.32	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
Irrigation System 1	acre	35.96	1.0000	35.96	_____
TOTAL FIXED EXPENSES				77.42	_____
TOTAL SPECIFIED EXPENSES				744.23	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				95.57	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS					
Land (O. C.) SW-RC	acre	90.00	1.0000	90.00	_____
RESIDUAL RETURNS				-24.43	_____

Table 11.B Estimated resource use and costs for field operations, per acre, Rice, Clearfield Variety, Water Plant, Stale Seedbed, (In Rotation) Owner-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	4WD 300	0.061	1.00	Oct	2.99	2.45	0.76	1.67	0.06	0.59				8.46
Disk Harrow	32'	4WD 300	0.061	1.00	Nov	2.99	2.45	0.76	1.67	0.06	0.59				8.46
LARice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96				10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Feb	1.48	1.28	0.13	0.15	0.05	0.58				3.62
Roundup Ultra MAX	pt											2.0000	5.97	11.94	11.94
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38	9.38
LA Nitrogen	lb											70.0000	0.51	35.70	35.70
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25	6.25
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											60.0000	0.48	28.80	28.80
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
Ditcher		MFWD 150	0.020	1.00	Feb	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Feb	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Rice Gates	each			1.00	Feb							1.0000	3.65	3.65	3.65
LARice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Feb	0.62	0.53	0.13	0.19	0.02	0.24				1.71
Irrigation System 1					Mar										
LARice Air Plant SW	cwt			1.00	Apr							1.0000	5.60	5.60	5.60
Rice Clearfield 161	lb											100.0000	0.89	89.00	89.00
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
Aim 2EC	oz											1.6000	6.56	10.50	10.50
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LARice Haul	cwt			1.00	Aug							65.0000	0.30	19.50	19.50
LARice Dry	cwt			1.00	Aug							72.0000	0.90	64.80	64.80
Irrigation System 1	acre				Mar			152.13	35.96	0.29	2.88	1.0000			190.97
TOTALS						39.73	36.95	154.49	40.47	1.20	13.42			447.10	732.16
INTEREST ON OPERATING CAPITAL															12.07
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															744.23

Table 12.A Estimated costs and returns per acre, Rice, Clearfield
 Variety, Water Plant, Stale Seedbed, (In Rotation)
 Tenant-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice-land&water	cwt	13.00	-19.5000	-253.50	_____
LA Rice Checkoff	cwt	0.08	-45.5000	-3.64	_____
TOTAL INCOME				587.86	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	9.0000	3.15	_____
App by Air (5 gal)	appl	5.50	5.0000	27.50	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	50.0000	45.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.97	2.0000	11.94	_____
Newpath 2SL	oz	3.84	8.0000	30.72	_____
Aim 2EC	oz	6.56	1.6000	10.50	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Clearfield 161	lb	0.89	100.0000	89.00	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM PLANT					
LA Rice Air Plant SW	cwt	5.60	1.0000	5.60	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	45.5000	13.65	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.5709	5.49	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.3000	2.88	_____
DIESEL FUEL					
Tractors	gal	2.75	6.1280	16.85	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
REPAIR & MAINTENANCE					
Implements	acre	2.36	1.0000	2.36	_____
Tractors	acre	2.57	1.0000	2.57	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
INTEREST ON OP. CAP.	acre	7.70	1.0000	7.70	_____
TOTAL DIRECT EXPENSES				484.66	_____
RETURNS ABOVE DIRECT EXPENSES				103.20	_____
FIXED EXPENSES					
Implements	acre	4.51	1.0000	4.51	_____
Tractors	acre	16.32	1.0000	16.32	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
TOTAL FIXED EXPENSES				41.46	_____
TOTAL SPECIFIED EXPENSES				526.12	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				61.74	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				31.74	_____

Table 12.B Estimated resource use and costs for field operations, per acre, Rice, Clearfield Variety, Water Plant, Stale Seedbed, (In Rotation) Tenant-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk Harrow	32'	4WD 300	0.061	1.00	Oct	2.99	2.45	0.76	1.67	0.06	0.59					8.46
Disk Harrow	32'	4WD 300	0.061	1.00	Nov	2.99	2.45	0.76	1.67	0.06	0.59					8.46
LARice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96					10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02					6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19					1.20
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Feb	1.48	1.28	0.13	0.15	0.05	0.58					3.62
Roundup Ultra MAX	pt											2.0000	5.97	11.94		11.94
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38		9.38
LA Nitrogen	lb											70.0000	0.51	35.70		35.70
LARice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25		6.25
LA Phosphate	lb											40.0000	0.63	25.20		25.20
LA Potash	lb											60.0000	0.48	28.80		28.80
LARice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
Ditcher		MFWD 150	0.020	1.00	Feb	0.49	0.43	0.04	0.05	0.02	0.19					1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Feb	2.61	2.26	0.15	0.13	0.10	1.02					6.17
LA Irrigation Labor	hour			1.00	Feb					0.30	2.88					2.88
Rice Gates	each											1.0000	3.65	3.65		3.65
LARice Backhoe-Rxmnt	2 ft	MFWD 150	0.500	0.05	Feb	0.62	0.53	0.13	0.19	0.02	0.24					1.71
LARice Air Plant SW	cwt			1.00	Apr							1.0000	5.60	5.60		5.60
Rice Clearfield 161	lb											100.0000	0.89	89.00		89.00
LARice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50		5.50
Karate Z	oz											2.0000	2.87	5.74		5.74
LARice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50		5.50
Newpath 2SL	oz											4.0000	3.84	15.36		15.36
LARice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50		5.50
Newpath 2SL	oz											4.0000	3.84	15.36		15.36
Aim 2EC	oz											1.6000	6.56	10.50		10.50
LARice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13		8.13
LA Nitrogen	lb											60.0000	0.51	30.60		30.60
LARice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50		5.50
Quadris	oz											10.0000	2.52	25.20		25.20
LARice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50		5.50
Karate Z	oz											2.0000	2.87	5.74		5.74
LARice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05					45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11					0.77
LARice Haul	cwt			1.00	Aug							45.5000	0.30	13.65		13.65
LARice Dry	cwt			1.00	Aug							50.0000	0.90	45.00		45.00
TOTALS						39.73	36.95	2.36	4.51	1.20	13.42			421.45		518.42
INTEREST ON OPERATING CAPITAL																7.70
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																526.12

Table 13.A Estimated costs and returns per acre, Rice, Conventional Variety, Drill Plant, Conventional Tillage, (In Rotation) Owner-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice Checkoff	cwt	0.08	-65.0000	-5.20	_____
TOTAL INCOME				839.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	7.0000	2.45	_____
App by Air (5 gal)	appl	5.50	4.0000	22.00	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	72.0000	64.80	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Command 3ME	pt	15.45	0.8000	12.36	_____
Permit 75DF	oz	19.00	1.0000	19.00	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Seed Conv.	lb	0.36	90.0000	32.40	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	65.0000	19.50	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.7118	6.85	_____
LA Irrigation Labor					
Irrigation System 2	hour	9.60	0.2889	2.77	_____
DIESEL FUEL					
Tractors	gal	2.75	7.5765	20.82	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
Irrigation System 2	gal	2.75	58.2746	160.27	_____
REPAIR & MAINTENANCE					
Implements	acre	3.93	1.0000	3.93	_____
Tractors	acre	3.17	1.0000	3.17	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
Irrigation System 2	acre	3.61	1.0000	3.61	_____
INTEREST ON OP. CAP.	acre	11.11	1.0000	11.11	_____
TOTAL DIRECT EXPENSES				595.64	_____
RETURNS ABOVE DIRECT EXPENSES				244.16	_____
FIXED EXPENSES					
Implements	acre	8.67	1.0000	8.67	_____
Tractors	acre	20.20	1.0000	20.20	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
Irrigation System 2	acre	35.96	1.0000	35.96	_____
TOTAL FIXED EXPENSES				85.46	_____
TOTAL SPECIFIED EXPENSES				681.10	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				158.70	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				128.70	_____
Land (O. C.) SW-RC	acre	90.00	1.0000	90.00	_____
RESIDUAL RETURNS				38.70	_____

Table 13.B Estimated resource use and costs for field operations, per acre, Rice, Conventional Variety, Drill Plant, Conventional Tillage, (In Rotation) Owner-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk Harrow	32'	4WD 300	0.061	2.00	Nov	5.96	4.90	1.53	3.34	0.12	1.18					16.91
LA Rice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96					10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02					6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19					1.20
Field Cultivate	32'	4WD 300	0.046	1.00	Feb	2.27	1.86	0.45	1.96	0.04	0.45					6.99
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38		9.38
LA Nitrogen	lb											70.0000	0.51	35.70		35.70
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25		6.25
LA Phosphate	lb											40.0000	0.63	25.20		25.20
LA Potash	lb											60.0000	0.48	28.80		28.80
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
Grain Drill	20'	MFWD 150	0.094	1.00	Apr	2.32	2.02	1.11	2.20	0.18	1.76					9.41
Rice Seed Conv.	lb											90.0000	0.36	32.40		32.40
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19					1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Apr	2.61	2.26	0.15	0.13	0.10	1.02					6.17
Rice Gates	each			1.00	Apr							1.0000	3.65	3.65		3.65
LA Rice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Apr	0.62	0.53	0.13	0.19	0.02	0.24					1.71
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Apr	1.48	1.28	0.13	0.15	0.05	0.58					3.62
Command 3ME	pt											0.8000	15.45	12.36		12.36
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50		5.50
Karate Z	oz											2.0000	2.87	5.74		5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50		5.50
Permit 75DF	oz											1.0000	19.00	19.00		19.00
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13		8.13
LA Nitrogen	lb											60.0000	0.51	30.60		30.60
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50		5.50
Quadris	oz											10.0000	2.52	25.20		25.20
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50		5.50
Karate Z	oz											2.0000	2.87	5.74		5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05					45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11					0.77
LA Rice Haul	cwt			1.00	Aug							65.0000	0.30	19.50		19.50
LA Rice Dry	cwt			1.00	Aug							72.0000	0.90	64.80		64.80
Irrigation System 2	acre				Mar			163.88	35.96	0.28	2.77	1.0000				202.61
TOTALS						44.30	40.83	167.81	44.63	1.42	15.52			356.90		669.99
INTEREST ON OPERATING CAPITAL																11.11
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																681.10

Table 14.A Estimated costs and returns per acre, Rice, Conventional Variety, Drill Plant, Conventional Tillage, (In Rotation) Tenant-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice-land&water	cwt	13.00	-19.5000	-253.50	_____
LA Rice Checkoff	cwt	0.08	-45.5000	-3.64	_____

TOTAL INCOME				587.86	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	7.0000	2.45	_____
App by Air (5 gal)	appl	5.50	4.0000	22.00	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	50.0000	45.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Command 3ME	pt	15.45	0.8000	12.36	_____
Permit 75DF	oz	19.00	1.0000	19.00	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Seed Conv.	lb	0.36	90.0000	32.40	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	45.5000	13.65	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.7118	6.85	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.3000	2.88	_____
DIESEL FUEL					
Tractors	gal	2.75	7.5765	20.82	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
REPAIR & MAINTENANCE					
Implements	acre	3.93	1.0000	3.93	_____
Tractors	acre	3.17	1.0000	3.17	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
INTEREST ON OP. CAP.	acre	6.32	1.0000	6.32	_____

TOTAL DIRECT EXPENSES				401.43	_____
RETURNS ABOVE DIRECT EXPENSES				186.43	_____
FIXED EXPENSES					
Implements	acre	8.67	1.0000	8.67	_____
Tractors	acre	20.20	1.0000	20.20	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____

TOTAL FIXED EXPENSES				49.50	_____

TOTAL SPECIFIED EXPENSES				450.93	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				136.93	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				106.93	_____

Table 14.B Estimated resource use and costs for field operations, per acre, Rice, Conventional Variety, Drill Plant, Conventional Tillage, (In Rotation)Tenant-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	4WD 300	0.061	2.00	Nov	5.96	4.90	1.53	3.34	0.12	1.18				16.91
LA Rice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96				10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Field Cultivate	32'	4WD 300	0.046	1.00	Feb	2.27	1.86	0.45	1.96	0.04	0.45				6.99
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38	9.38
LA Nitrogen	lb											70.0000	0.51	35.70	35.70
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25	6.25
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											60.0000	0.48	28.80	28.80
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
Grain Drill	20'	MFWD 150	0.094	1.00	Apr	2.32	2.02	1.11	2.20	0.18	1.76				9.41
Rice Seed Conv.	lb											90.0000	0.36	32.40	32.40
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Apr	2.61	2.26	0.15	0.13	0.10	1.02				6.17
LA Irrigation Labor	hour			1.00	Apr						2.88				2.88
Rice Gates	each											1.0000	3.65	3.65	3.65
LA Rice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Apr	0.62	0.53	0.13	0.19	0.02	0.24				1.71
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Apr	1.48	1.28	0.13	0.15	0.05	0.58				3.62
Command 3ME	pt											0.8000	15.45	12.36	12.36
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	May							1.0000	5.50	5.50	5.50
Permit 75DF	oz											1.0000	19.00	19.00	19.00
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LA Rice Haul	cwt			1.00	Aug							45.5000	0.30	13.65	13.65
LA Rice Dry	cwt			1.00	Aug							50.0000	0.90	45.00	45.00
TOTALS						44.30	40.83	3.93	8.67	1.43	15.63			331.25	444.61
INTEREST ON OPERATING CAPITAL															6.32
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															450.93

Table 15.A Estimated costs and returns per acre, Rice, Conventional Variety, Drill Plant, Stale Seedbed, (In Rotation) Owner-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice Checkoff	cwt	0.08	-65.0000	-5.20	_____
TOTAL INCOME				839.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	7.0000	2.45	_____
App by Air (5 gal)	appl	5.50	4.0000	22.00	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	72.0000	64.80	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.97	2.0000	11.94	_____
Command 3ME	pt	15.45	0.8000	12.36	_____
Permit 75DF	oz	19.00	1.0000	19.00	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Seed Conv.	lb	0.36	90.0000	32.40	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	65.0000	19.50	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.7252	6.98	_____
LA Irrigation Labor					
Irrigation System 2	hour	9.60	0.2889	2.77	_____
DIESEL FUEL					
Tractors	gal	2.75	7.3192	20.12	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
Irrigation System 2	gal	2.75	58.2746	160.27	_____
REPAIR & MAINTENANCE					
Implements	acre	3.60	1.0000	3.60	_____
Tractors	acre	3.10	1.0000	3.10	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
Irrigation System 2	acre	3.61	1.0000	3.61	_____
INTEREST ON OP. CAP.	acre	11.33	1.0000	11.33	_____
TOTAL DIRECT EXPENSES				606.83	_____
RETURNS ABOVE DIRECT EXPENSES				232.97	_____
FIXED EXPENSES					
Implements	acre	6.86	1.0000	6.86	_____
Tractors	acre	19.62	1.0000	19.62	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
Irrigation System 2	acre	35.96	1.0000	35.96	_____
TOTAL FIXED EXPENSES				83.07	_____
TOTAL SPECIFIED EXPENSES				689.90	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				149.90	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS					
Land (O. C.) SW-RC	acre	90.00	1.0000	90.00	_____
RESIDUAL RETURNS				29.90	_____

Table 15.B Estimated resource use and costs for field operations, per acre, Rice, Conventional Variety, Drill Plant, Stale Seedbed, (In Rotation) Owner-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	4WD 300	0.061	1.00	Oct	2.99	2.45	0.76	1.67	0.06	0.59				8.46
Disk Harrow	32'	4WD 300	0.061	1.00	Nov	2.99	2.45	0.76	1.67	0.06	0.59				8.46
LARice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96				10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Feb	1.48	1.28	0.13	0.15	0.05	0.58				3.62
Roundup Ultra MAX	pt											2.0000	5.97	11.94	11.94
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38	9.38
LA Nitrogen	lb											70.0000	0.51	35.70	35.70
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25	6.25
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											60.0000	0.48	28.80	28.80
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
Irrigation System 2					Mar										
Grain Drill	20'	MFWD 150	0.094	1.00	Apr	2.32	2.02	1.11	2.20	0.18	1.76				9.41
Rice Seed Conv.	lb											90.0000	0.36	32.40	32.40
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Apr	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Rice Gates	each			1.00	Apr							1.0000	3.65	3.65	3.65
LARice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Apr	0.62	0.53	0.13	0.19	0.02	0.24				1.71
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Apr	1.48	1.28	0.13	0.15	0.05	0.58				3.62
Command 3ME	pt											0.8000	15.45	12.36	12.36
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	May							1.0000	5.50	5.50	5.50
Permit 75DF	oz											1.0000	19.00	19.00	19.00
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LARice Haul	cwt			1.00	Aug							65.0000	0.30	19.50	19.50
LARice Dry	cwt			1.00	Aug							72.0000	0.90	64.80	64.80
Irrigation System 2	acre				Mar							1.0000			202.61
						-----		-----		-----					
TOTALS						43.53	40.25	167.48	42.82	1.43	15.65			368.84	678.57
INTEREST ON OPERATING CAPITAL															11.33
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															689.90

Table 16.A Estimated costs and returns per acre, Rice, Conventional Variety, Drill Plant, Stale Seedbed, (In Rotation) Tenant-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice-land&water	cwt	13.00	-19.5000	-253.50	_____
LA Rice Checkoff	cwt	0.08	-45.5000	-3.64	_____

TOTAL INCOME				587.86	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	7.0000	2.45	_____
App by Air (5 gal)	appl	5.50	4.0000	22.00	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	50.0000	45.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.97	2.0000	11.94	_____
Command 3ME	pt	15.45	0.8000	12.36	_____
Permit 75DF	oz	19.00	1.0000	19.00	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Seed Conv.	lb	0.36	90.0000	32.40	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	45.5000	13.65	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.7252	6.98	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.3000	2.88	_____
DIESEL FUEL					
Tractors	gal	2.75	7.3192	20.12	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
REPAIR & MAINTENANCE					
Implements	acre	3.60	1.0000	3.60	_____
Tractors	acre	3.10	1.0000	3.10	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
INTEREST ON OP. CAP.	acre	6.45	1.0000	6.45	_____

TOTAL DIRECT EXPENSES				412.53	_____
RETURNS ABOVE DIRECT EXPENSES				175.33	_____
FIXED EXPENSES					
Implements	acre	6.86	1.0000	6.86	_____
Tractors	acre	19.62	1.0000	19.62	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____

TOTAL FIXED EXPENSES				47.11	_____

TOTAL SPECIFIED EXPENSES				459.64	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				128.22	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				98.22	_____

Table 16.B Estimated resource use and costs for field operations, per acre, Rice, Conventional Variety, Drill Plant, Stale Seedbed, (In Rotation) Tenant-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	4WD 300	0.061	1.00	Oct	2.99	2.45	0.76	1.67	0.06	0.59				8.46
Disk Harrow	32'	4WD 300	0.061	1.00	Nov	2.99	2.45	0.76	1.67	0.06	0.59				8.46
LARice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96				10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Feb	1.48	1.28	0.13	0.15	0.05	0.58				3.62
Roundup Ultra MAX	pt											2.0000	5.97	11.94	11.94
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38	9.38
LA Nitrogen	lb											70.0000	0.51	35.70	35.70
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25	6.25
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											60.0000	0.48	28.80	28.80
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
Grain Drill	20'	MFWD 150	0.094	1.00	Apr	2.32	2.02	1.11	2.20	0.18	1.76				9.41
Rice Seed Conv.	lb											90.0000	0.36	32.40	32.40
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Apr	2.61	2.26	0.15	0.13	0.10	1.02				6.17
LA Irrigation Labor	hour			1.00	Apr										2.88
Rice Gates	each											1.0000	3.65	3.65	3.65
LARice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Apr	0.62	0.53	0.13	0.19	0.02	0.24				1.71
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Apr	1.48	1.28	0.13	0.15	0.05	0.58				3.62
Command 3ME	pt											0.8000	15.45	12.36	12.36
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	May							1.0000	5.50	5.50	5.50
Permit 75DF	oz											1.0000	19.00	19.00	19.00
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LARice Haul	cwt			1.00	Aug							45.5000	0.30	13.65	13.65
LARice Dry	cwt			1.00	Aug							50.0000	0.90	45.00	45.00
TOTALS						43.53	40.25	3.60	6.86	1.44	15.76			343.19	453.19
INTEREST ON OPERATING CAPITAL															6.45
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															459.64

Table 17.A Estimated costs and returns per acre, Rice, Clearfield Variety, Drill Plant, Conventional Tillage,(In Rotation) Owner-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice Checkoff	cwt	0.08	-65.0000	-5.20	_____
TOTAL INCOME				839.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	8.0000	2.80	_____
App by Air (5 gal)	appl	5.50	5.0000	27.50	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	72.0000	64.80	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Newpath 2SL	oz	3.84	8.0000	30.72	_____
Aim 2EC	oz	6.56	1.6000	10.50	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Clearfield 161	lb	0.89	75.0000	66.75	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	65.0000	19.50	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.6518	6.27	_____
LA Irrigation Labor					
Irrigation System 2	hour	9.60	0.2889	2.77	_____
DIESEL FUEL					
Tractors	gal	2.75	7.2104	19.82	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
Irrigation System 2	gal	2.75	58.2746	160.27	_____
REPAIR & MAINTENANCE					
Implements	acre	3.80	1.0000	3.80	_____
Tractors	acre	3.02	1.0000	3.02	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
Irrigation System 2	acre	3.61	1.0000	3.61	_____
INTEREST ON OP. CAP.	acre	11.94	1.0000	11.94	_____
TOTAL DIRECT EXPENSES				644.67	_____
RETURNS ABOVE DIRECT EXPENSES				195.13	_____
FIXED EXPENSES					
Implements	acre	8.52	1.0000	8.52	_____
Tractors	acre	19.36	1.0000	19.36	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
Irrigation System 2	acre	35.96	1.0000	35.96	_____
TOTAL FIXED EXPENSES				84.47	_____
TOTAL SPECIFIED EXPENSES				729.14	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				110.66	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS					
Land (O. C.) SW-RC	acre	90.00	1.0000	90.00	_____
RESIDUAL RETURNS				-9.34	_____

Table 17.B Estimated resource use and costs for field operations, per acre, Rice, Clearfield Variety, Drill Plant, Conventional Tillage, (In Rotation) Owner-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	4WD 300	0.061	2.00	Nov	5.96	4.90	1.53	3.34	0.12	1.18				16.91
LARice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96				10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Field Cultivate	32'	4WD 300	0.046	1.00	Feb	2.27	1.86	0.45	1.96	0.04	0.45				6.99
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38	9.38
LA Nitrogen	lb											70.0000	0.51	35.70	35.70
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25	6.25
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											60.0000	0.48	28.80	28.80
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
Irrigation System 2					Mar										
Grain Drill	20'	MFWD 170	0.094	1.00	Apr	2.65	2.46	1.11	2.20	0.18	1.76				10.18
Rice Clearfield 161	lb											75.0000	0.89	66.75	66.75
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Apr	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Rice Gates	each			1.00	Apr							1.0000	3.65	3.65	3.65
LARice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Apr	0.62	0.53	0.13	0.19	0.02	0.24				1.71
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
Aim 2EC	oz											1.6000	6.56	10.50	10.50
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LARice Haul	cwt			1.00	Aug							65.0000	0.30	19.50	19.50
LARice Dry	cwt			1.00	Aug							72.0000	0.90	64.80	64.80
Irrigation System 2	acre				Mar							1.0000			202.61
TOTALS						43.15	39.99	167.68	44.48	1.36	14.94			406.96	717.20
INTEREST ON OPERATING CAPITAL															11.94
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															729.14

Table 18.A Estimated costs and returns per acre, Rice, Clearfield Variety, Drill Plant, Conventional Tillage, (In Rotation) Tenant-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice-land&water	cwt	13.00	-19.5000	-253.50	_____
LA Rice Checkoff	cwt	0.08	-45.5000	-3.64	_____
TOTAL INCOME				587.86	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	8.0000	2.80	_____
App by Air (5 gal)	appl	5.50	5.0000	27.50	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	50.0000	45.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Newpath 2SL	oz	3.84	8.0000	30.72	_____
Aim 2EC	oz	6.56	1.6000	10.50	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Clearfield 161	lb	0.89	75.0000	66.75	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	45.5000	13.65	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.5576	5.36	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.3000	2.88	_____
DIESEL FUEL					
Tractors	gal	2.75	6.3853	17.55	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
REPAIR & MAINTENANCE					
Implements	acre	2.69	1.0000	2.69	_____
Tractors	acre	2.64	1.0000	2.64	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
INTEREST ON OP. CAP.	acre	6.96	1.0000	6.96	_____
TOTAL DIRECT EXPENSES				444.75	_____
RETURNS ABOVE DIRECT EXPENSES				143.11	_____
FIXED EXPENSES					
Implements	acre	6.32	1.0000	6.32	_____
Tractors	acre	16.90	1.0000	16.90	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
TOTAL FIXED EXPENSES				43.85	_____
TOTAL SPECIFIED EXPENSES				488.60	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				99.26	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				69.26	_____

Table 18.B Estimated resource use and costs for field operations, per acre, Rice, Clearfield Variety, Drill Plant, Conventional Tillage, (In Rotation)Tenant-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	4WD 300	0.061	2.00	Nov	5.96	4.90	1.53	3.34	0.12	1.18				16.91
LA Rice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96				10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Field Cultivate	32'	4WD 300	0.046	1.00	Feb	2.27	1.86	0.45	1.96	0.04	0.45				6.99
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38	9.38
LA Nitrogen	lb											70.0000	0.51	35.70	35.70
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25	6.25
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											60.0000	0.48	28.80	28.80
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
Rice Clearfield 161	lb			1.00	Apr							75.0000	0.89	66.75	66.75
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Apr	2.61	2.26	0.15	0.13	0.10	1.02				6.17
LA Irrigation Labor	hour			1.00	Apr					0.30	2.88				2.88
Rice Gates	each											1.0000	3.65	3.65	3.65
LA Rice Backhoe-Rxmnt	2 ft	MFWD 150	0.500	0.05	Apr	0.62	0.53	0.13	0.19	0.02	0.24				1.71
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
Aim 2EC	oz											1.6000	6.56	10.50	10.50
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
LA Rice Combine		25 ft	0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LA Rice Haul	cwt			1.00	Aug							45.5000	0.30	13.65	13.65
LA Rice Dry	cwt			1.00	Aug							50.0000	0.90	45.00	45.00
TOTALS						40.50	37.53	2.69	6.32	1.18	13.29			381.31	481.64
INTEREST ON OPERATING CAPITAL															6.96
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															488.60

Table 19.A Estimated costs and returns per acre, Rice, Clearfield
 Variety, Drill Plant, Stale Seedbed, (In Rotation)
 Owner-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice Checkoff	cwt	0.08	-65.0000	-5.20	_____
TOTAL INCOME				839.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	8.0000	2.80	_____
App by Air (5 gal)	appl	5.50	5.0000	27.50	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	72.0000	64.80	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.97	2.0000	11.94	_____
Newpath 2SL	oz	3.84	8.0000	30.72	_____
Aim 2EC	oz	6.56	1.6000	10.50	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Clearfield 161	lb	0.89	75.0000	66.75	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	65.0000	19.50	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.6652	6.40	_____
LA Irrigation Labor					
Irrigation System 2	hour	9.60	0.2889	2.77	_____
DIESEL FUEL					
Tractors	gal	2.75	6.8560	18.85	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
Irrigation System 2	gal	2.75	58.2746	160.27	_____
REPAIR & MAINTENANCE					
Implements	acre	3.47	1.0000	3.47	_____
Tractors	acre	2.89	1.0000	2.89	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
Irrigation System 2	acre	3.61	1.0000	3.61	_____
INTEREST ON OP. CAP.	acre	12.06	1.0000	12.06	_____
TOTAL DIRECT EXPENSES				655.43	_____
RETURNS ABOVE DIRECT EXPENSES				184.37	_____
FIXED EXPENSES					
Implements	acre	6.71	1.0000	6.71	_____
Tractors	acre	18.34	1.0000	18.34	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
Irrigation System 2	acre	35.96	1.0000	35.96	_____
TOTAL FIXED EXPENSES				81.64	_____
TOTAL SPECIFIED EXPENSES				737.07	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				102.73	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS					
Land (O. C.) SW-RC	acre	90.00	1.0000	90.00	_____
RESIDUAL RETURNS				-17.27	_____

Table 19.B Estimated resource use and costs for field operations, per acre, Rice, Clearfield Variety, Drill Plant, Stale Seedbed, (In Rotation)Owner-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	4WD 300	0.061	1.00	Oct	2.99	2.45	0.76	1.67	0.06	0.59				8.46
Disk Harrow	32'	4WD 300	0.061	1.00	Nov	2.99	2.45	0.76	1.67	0.06	0.59				8.46
LARice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96				10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Feb	1.48	1.28	0.13	0.15	0.05	0.58				3.62
Roundup Ultra MAX	pt											2.0000	5.97	11.94	11.94
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38	9.38
LA Nitrogen	lb											70.0000	0.51	35.70	35.70
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25	6.25
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											60.0000	0.48	28.80	28.80
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
Irrigation System 2					Mar										
Grain Drill	20'	MFWD 150	0.094	1.00	Apr	2.32	2.02	1.11	2.20	0.18	1.76				9.41
Rice Clearfield 161	lb											75.0000	0.89	66.75	66.75
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Apr	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Rice Gates	each			1.00	Apr							1.0000	3.65	3.65	3.65
LARice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Apr	0.62	0.53	0.13	0.19	0.02	0.24				1.71
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
Aim 2EC	oz											1.6000	6.56	10.50	10.50
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LARice Haul	cwt			1.00	Aug							65.0000	0.30	19.50	19.50
LARice Dry	cwt			1.00	Aug							72.0000	0.90	64.80	64.80
Irrigation System 2	acre				Mar				163.88	35.96	0.28	2.77			202.61
TOTALS						42.05	38.97	167.35	42.67	1.37	15.07			418.90	725.01
INTEREST ON OPERATING CAPITAL															12.06
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															737.07

Table 20.A Estimated costs and returns per acre, Rice, Clearfield Variety, Drill Plant, Stale Seedbed, (In Rotation) Tenant-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	65.0000	845.00	_____
LA Rice-land&water	cwt	13.00	-19.5000	-253.50	_____
LA Rice Checkoff	cwt	0.08	-45.5000	-3.64	_____
TOTAL INCOME				587.86	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	8.0000	2.80	_____
App by Air (5 gal)	appl	5.50	5.0000	27.50	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	50.0000	45.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	130.0000	66.30	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.97	2.0000	11.94	_____
Newpath 2SL	oz	3.84	8.0000	30.72	_____
Aim 2EC	oz	6.56	1.6000	10.50	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Clearfield 161	lb	0.89	75.0000	66.75	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	45.5000	13.65	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.6652	6.40	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.3000	2.88	_____
DIESEL FUEL					
Tractors	gal	2.75	6.8560	18.85	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
REPAIR & MAINTENANCE					
Implements	acre	3.47	1.0000	3.47	_____
Tractors	acre	2.89	1.0000	2.89	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
INTEREST ON OP. CAP.	acre	7.30	1.0000	7.30	_____
TOTAL DIRECT EXPENSES				461.25	_____
RETURNS ABOVE DIRECT EXPENSES				126.61	_____
FIXED EXPENSES					
Implements	acre	6.71	1.0000	6.71	_____
Tractors	acre	18.34	1.0000	18.34	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
TOTAL FIXED EXPENSES				45.68	_____
TOTAL SPECIFIED EXPENSES				506.93	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				80.93	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				50.93	_____

Table 20.B Estimated resource use and costs for field operations, per acre, Rice, Clearfield Variety, Drill Plant, Stale Seedbed, (In Rotation) Tenant-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	4WD 300	0.061	1.00	Oct	2.99	2.45	0.76	1.67	0.06	0.59				8.46
Disk Harrow	32'	4WD 300	0.061	1.00	Nov	2.99	2.45	0.76	1.67	0.06	0.59				8.46
LA Rice Levee Flow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96				10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Feb	1.48	1.28	0.13	0.15	0.05	0.58				3.62
Roundup Ultra MAX	pt											2.0000	5.97	11.94	11.94
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38	9.38
LA Nitrogen	lb											70.0000	0.51	35.70	35.70
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25	6.25
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											60.0000	0.48	28.80	28.80
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
Grain Drill	20'	MFWD 150	0.094	1.00	Apr	2.32	2.02	1.11	2.20	0.18	1.76				9.41
Rice Clearfield 161	lb											75.0000	0.89	66.75	66.75
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Apr	2.61	2.26	0.15	0.13	0.10	1.02				6.17
LA Irrigation Labor	hour			1.00	Apr					0.30	2.88				2.88
Rice Gates	each											1.0000	3.65	3.65	3.65
LA Rice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Apr	0.62	0.53	0.13	0.19	0.02	0.24				1.71
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	May							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
Aim 2EC	oz											1.6000	6.56	10.50	10.50
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LA Rice Haul	cwt			1.00	Aug							45.5000	0.30	13.65	13.65
LA Rice Dry	cwt			1.00	Aug							50.0000	0.90	45.00	45.00
TOTALS						42.05	38.97	3.47	6.71	1.38	15.18			393.25	499.63
INTEREST ON OPERATING CAPITAL															7.30
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															506.93

Table 21.A Estimated costs and returns per acre, Rice, Clearfield Hybrid Variety, Drill Planted, Owner-Operator, Southwest, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	68.0000	884.00	_____
LA Rice Checkoff	cwt	0.08	-68.0000	-5.44	_____

TOTAL INCOME				878.56	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	7.0000	2.45	_____
App by Air (5 gal)	appl	5.50	4.0000	22.00	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	75.0000	67.50	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	150.0000	76.50	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Stratego	pt	17.77	0.7100	12.62	_____
HERBICIDES					
Command 3ME	pt	15.45	0.8000	12.36	_____
Permit 75DF	oz	19.00	1.0000	19.00	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
LA Hybrid Rice Seed	acre	140.00	1.0000	140.00	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	68.0000	20.40	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.6505	6.26	_____
LA Irrigation Labor					
Irrigation System 2	hour	9.60	0.2889	2.77	_____
DIESEL FUEL					
Tractors	gal	2.75	6.6287	18.22	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
Irrigation System 2	gal	2.75	58.2746	160.27	_____
REPAIR & MAINTENANCE					
Implements	acre	3.16	1.0000	3.16	_____
Tractors	acre	2.80	1.0000	2.80	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
Irrigation System 2	acre	3.61	1.0000	3.61	_____
INTEREST ON OP. CAP.	acre	15.46	1.0000	15.46	_____

TOTAL DIRECT EXPENSES				704.48	_____
RETURNS ABOVE DIRECT EXPENSES				174.08	_____
FIXED EXPENSES					
Implements	acre	7.00	1.0000	7.00	_____
Tractors	acre	17.75	1.0000	17.75	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
Irrigation System 2	acre	35.96	1.0000	35.96	_____

TOTAL FIXED EXPENSES				81.34	_____

TOTAL SPECIFIED EXPENSES				785.82	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				92.74	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS					
Land (O. C.) SW-RC	acre	90.00	1.0000	90.00	_____
RESIDUAL RETURNS				-27.26	_____

Table 21.B Estimated resource use and costs for field operations, per acre, Rice, Clearfield Hybrid Variety, Drill Planted, Owner-Operator, Southwest Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
Disk Harrow	32'	4WD 300	0.061	1.00	Nov	2.99	2.45	0.76	1.67	0.06	0.59	-----dollars-----			8.46
LA Hybrid Rice Seed	acre											1.0000	140.00	140.00	140.00
LA Rice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96				10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Field Cultivate	32'	4WD 300	0.046	1.00	Feb	2.27	1.86	0.45	1.96	0.04	0.45				6.99
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38	9.38
LA Nitrogen	lb											75.0000	0.51	38.25	38.25
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25	6.25
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											60.0000	0.48	28.80	28.80
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
Grain Drill	20'	MFWD 150	0.094	1.00	Apr	2.32	2.02	1.11	2.20	0.18	1.76				9.41
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Apr	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Rice Gates	each			1.00	Apr							1.0000	3.65	3.65	3.65
LA Rice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Apr	0.62	0.53	0.13	0.19	0.02	0.24				1.71
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Apr	1.48	1.28	0.13	0.15	0.05	0.58				3.62
Command 3ME	pt											0.8000	15.45	12.36	12.36
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Permit 75DF	oz											1.0000	19.00	19.00	19.00
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											75.0000	0.51	38.25	38.25
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Stratego	pt											0.7100	17.77	12.62	12.62
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LA Rice Haul	cwt			1.00	Aug							68.0000	0.30	20.40	20.40
LA Rice Dry	cwt			1.00	Aug							75.0000	0.90	67.50	67.50
Irrigation System 2	acre				Mar			163.88	35.96	0.28	2.77	1.0000			202.61
TOTALS						41.33	38.38	167.04	42.96	1.36	14.93			465.72	770.36
INTEREST ON OPERATING CAPITAL															15.46
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															785.82

Table 22.A Estimated costs and returns per acre, Rice, Clearfield Hybrid Variety, Drill Planted, Tenant-Operator, Southwest, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	68.0000	884.00	_____
LA Rice-land&water	cwt	13.00	-20.4000	-265.20	_____
LA Rice Checkoff	cwt	0.08	-47.5000	-3.80	_____

TOTAL INCOME				615.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	7.0000	2.45	_____
App by Air (5 gal)	appl	5.50	4.0000	22.00	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	52.0000	46.80	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	150.0000	76.50	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	60.0000	28.80	_____
FUNGICIDES					
Stratego	pt	17.77	0.7100	12.62	_____
HERBICIDES					
Command 3ME	pt	15.45	0.8000	12.36	_____
Permit 75DF	oz	19.00	1.0000	19.00	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
LA Hybrid Rice Seed	acre	140.00	1.0000	140.00	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.8000	23.75	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	47.5000	14.25	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.7118	6.85	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.3000	2.88	_____
DIESEL FUEL					
Tractors	gal	2.75	7.5765	20.82	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
REPAIR & MAINTENANCE					
Implements	acre	3.93	1.0000	3.93	_____
Tractors	acre	3.17	1.0000	3.17	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
INTEREST ON OP. CAP.	acre	8.30	1.0000	8.30	_____

TOTAL DIRECT EXPENSES				511.03	_____
RETURNS ABOVE DIRECT EXPENSES				103.97	_____
FIXED EXPENSES					
Implements	acre	8.67	1.0000	8.67	_____
Tractors	acre	20.20	1.0000	20.20	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____

TOTAL FIXED EXPENSES				49.50	_____

TOTAL SPECIFIED EXPENSES				560.53	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				54.47	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				24.47	_____

Table 22.B Estimated resource use and costs for field operations, per acre, Rice, Clearfield Hybrid Variety, Drill Planted, Tenant-Operator, Southwest Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	4WD 300	0.061	2.00	Nov	5.96	4.90	1.53	3.34	0.12	1.18				16.91
LARice Levee Plow	8 ft	4WD 300	0.050	2.00	Nov	4.86	3.99	0.15	0.38	0.10	0.96				10.34
Blade-Scraper	10'	MFWD 150	1.176	0.09	Nov	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Field Cultivate	32'	4WD 300	0.046	1.00	Feb	2.27	1.86	0.45	1.96	0.04	0.45				6.99
App Fert by Air	cwt			1.00	Feb							1.5000	6.25	9.38	9.38
LA Nitrogen	lb											75.0000	0.51	38.25	38.25
LARice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Feb							1.0000	6.25	6.25	6.25
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											60.0000	0.48	28.80	28.80
LARice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
Grain Drill	20'	MFWD 150	0.094	1.00	Apr	2.32	2.02	1.11	2.20	0.18	1.76				9.41
LA Hybrid Rice Seed	acre											1.0000	140.00	140.00	140.00
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Apr	2.61	2.26	0.15	0.13	0.10	1.02				6.17
LA Irrigation Labor	hour			1.00	Apr						2.88				2.88
Rice Gates	each											1.0000	3.65	3.65	3.65
LARice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Apr	0.62	0.53	0.13	0.19	0.02	0.24				1.71
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Apr	1.48	1.28	0.13	0.15	0.05	0.58				3.62
Command 3ME	pt											0.8000	15.45	12.36	12.36
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LARice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	May							1.0000	5.50	5.50	5.50
Permit 75DF	oz											1.0000	19.00	19.00	19.00
LARice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											75.0000	0.51	38.25	38.25
LARice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Stratego	pt											0.7100	17.77	12.62	12.62
LARice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LARice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LARice Haul	cwt			1.00	Aug							47.5000	0.30	14.25	14.25
LARice Dry	cwt			1.00	Aug							52.0000	0.90	46.80	46.80
TOTALS						44.30	40.83	3.93	8.67	1.43	15.63			438.87	552.23
INTEREST ON OPERATING CAPITAL															8.30
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															560.53

Table 23.A Estimated costs and returns per acre, Rice, Ratoon Crop, Owner-Operator, Southwest, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	22.0000	286.00	_____
LA Rice Checkoff	cwt	0.08	-20.0000	-1.60	_____

TOTAL INCOME				284.40	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	1.0000	0.35	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	24.0000	21.60	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	55.0000	28.05	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	1.2000	7.50	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	22.0000	6.60	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.0820	0.79	_____
LA Irrigation Labor					
Irrigation System 3	hour	9.60	0.1199	1.16	_____
DIESEL FUEL					
Tractors	gal	2.75	0.6332	1.74	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
Irrigation System 3	gal	2.75	21.5832	59.36	_____
REPAIR & MAINTENANCE					
Implements	acre	0.15	1.0000	0.15	_____
Tractors	acre	0.28	1.0000	0.28	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
INTEREST ON OP. CAP.	acre	1.94	1.0000	1.94	_____

TOTAL DIRECT EXPENSES				154.88	_____
RETURNS ABOVE DIRECT EXPENSES				129.52	_____
FIXED EXPENSES					
Implements	acre	0.18	1.0000	0.18	_____
Tractors	acre	1.75	1.0000	1.75	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____

TOTAL FIXED EXPENSES				22.56	_____

TOTAL SPECIFIED EXPENSES				177.44	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				106.96	_____

Table 23.B Estimated resource use and costs for field operations, per acre, Rice, Ratoon Crop, Owner-Operator, Southwest Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----						-----dollars-----			
Blade-Scraper	10'	MFWD 150	1.176	0.06	Aug	1.74	1.51	0.10	0.09	0.07	0.68				4.12
Irrigation System 3					Aug										
App Fert by Air	cwt			1.00	Aug							1.2000	6.25	7.50	7.50
LA Nitrogen	lb											55.0000	0.51	28.05	28.05
LA Rice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
LA Rice Combine-2		25 ft	0.300	1.00	Oct	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Oct	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LA Rice Haul	cwt			1.00	Oct							22.0000	0.30	6.60	6.60
LA Rice Dry	cwt			1.00	Nov							24.0000	0.90	21.60	21.60
Irrigation System 3	acre				Aug			59.36		0.11	1.16	1.0000			60.52
TOTALS						22.33	22.38	59.51	0.18	0.53	7.00				175.50
INTEREST ON OPERATING CAPITAL															1.94
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															177.44

Table 24.A Estimated costs and returns per acre, Rice, Ratoon Crop, Tenant-Operator, Southwest, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	22.0000	286.00	_____
LA Rice-land&water	cwt	13.00	-6.5000	-84.50	_____
LA Rice Checkoff	cwt	0.08	-15.5000	-1.24	_____

TOTAL INCOME				200.26	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	1.0000	0.35	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	17.0000	15.30	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	55.0000	28.05	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	1.2000	7.50	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	15.5000	4.65	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.0820	0.79	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1199	1.15	_____
DIESEL FUEL					
Tractors	gal	2.75	0.6332	1.74	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
REPAIR & MAINTENANCE					
Implements	acre	0.15	1.0000	0.15	_____
Tractors	acre	0.28	1.0000	0.28	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
INTEREST ON OP. CAP.	acre	0.69	1.0000	0.69	_____

TOTAL DIRECT EXPENSES				86.01	_____
RETURNS ABOVE DIRECT EXPENSES				114.25	_____
FIXED EXPENSES					
Implements	acre	0.18	1.0000	0.18	_____
Tractors	acre	1.75	1.0000	1.75	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____

TOTAL FIXED EXPENSES				22.56	_____

TOTAL SPECIFIED EXPENSES				108.57	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				91.69	_____

Table 24.B Estimated resource use and costs for field operations, per acre, Rice, Ratoon Crop, Tenant-Operator, Southwest Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Blade-Scraper	10'	MFWD 150	1.176	0.06	Aug	1.74	1.51	0.10	0.09	0.07	0.68					4.12
App Fert by Air	cwt			1.00	Aug							1.2000	6.25	7.50		7.50
LA Nitrogen	lb											55.0000	0.51	28.05		28.05
LA Rice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
LA Irrigation Labor	hour			1.00	Sep					0.11	1.15					1.15
LA Rice Combine-2		25 ft	0.300	1.00	Oct	20.31	20.63			0.33	5.05					45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Oct	0.28	0.24	0.05	0.09	0.01	0.11					0.77
LA Rice Haul	cwt			1.00	Oct							15.5000	0.30	4.65		4.65
LA Rice Dry	cwt			1.00	Nov							17.0000	0.90	15.30		15.30
TOTALS						22.33	22.38	0.15	0.18	0.53	6.99					55.85
INTEREST ON OPERATING CAPITAL																0.69
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																108.57

Table 25.A Estimated costs and returns per acre, Rice, Conventional Variety, Drill Plant, Conventional Tillage,(In Rotation) Owner-Operator, NE Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	68.0000	884.00	_____
LA Rice Checkoff	cwt	0.08	-68.0000	-5.44	_____
TOTAL INCOME				878.56	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge_NE	acre	0.25	7.0000	1.75	_____
App by Air (5 gal)	appl	5.50	4.0000	22.00	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	75.0000	67.50	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	170.0000	86.70	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Command 3ME	pt	15.45	0.8000	12.36	_____
Permit 75DF	oz	19.00	1.0000	19.00	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Seed Conv.	lb	0.36	90.0000	32.40	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.7000	23.13	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	68.0000	20.40	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.8249	7.93	_____
LA Irrigation Labor					
Irrigation System 5	hour	9.60	0.3099	2.98	_____
DIESEL FUEL					
Tractors	gal	2.75	7.9039	21.72	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
Irrigation System 5	gal	2.75	19.9221	54.79	_____
REPAIR & MAINTENANCE					
Implements	acre	4.77	1.0000	4.77	_____
Tractors	acre	3.33	1.0000	3.33	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
Irrigation System 5	acre	2.17	1.0000	2.17	_____
INTEREST ON OP. CAP.	acre	6.08	1.0000	6.08	_____
TOTAL DIRECT EXPENSES				455.55	_____
RETURNS ABOVE DIRECT EXPENSES				423.01	_____
FIXED EXPENSES					
Implements	acre	10.70	1.0000	10.70	_____
Tractors	acre	21.17	1.0000	21.17	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
Irrigation System 5	acre	13.89	1.0000	13.89	_____
TOTAL FIXED EXPENSES				66.39	_____
TOTAL SPECIFIED EXPENSES				521.94	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				356.62	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS					
Land (O.C.) NE-RC	acre	90.00	1.0000	90.00	_____
RESIDUAL RETURNS				236.62	_____

Table 25.B Estimated resource use and costs for field operations, per acre, Rice, Conventional Variety, Drill Plant, Conventional Tillage, (In Rotation)Owner-Operator, NE Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
-----dollars-----															
Disk Harrow	32'	4WD 300	0.061	1.00	Nov	2.99	2.45	0.76	1.67	0.06	0.59				8.46
Ditcher		MFWD 150	0.020	2.00	Nov	0.99	0.86	0.07	0.10	0.04	0.38				2.40
Disk Harrow	28'	MFWD 190	0.070	2.00	Mar	4.33	3.63	1.53	3.34	0.14	1.35				14.18
Irrigation System 5					Mar										
Ditcher		MFWD 150	0.020	1.00	Mar	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Field Cultivate	32'	4WD 300	0.046	1.00	Mar	2.27	1.86	0.45	1.96	0.04	0.45				6.99
LA Rice Levee Plow	8 ft	MFWD 190	0.050	4.00	Mar	6.18	5.18	0.31	0.77	0.20	1.92				14.36
App Fert by Air	cwt			1.00	Apr							0.4000	6.25	2.50	2.50
LA Nitrogen	lb											20.0000	0.51	10.20	10.20
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
Grain Drill	20'	MFWD 150	0.094	1.00	Apr	2.32	2.02	1.11	2.20	0.18	1.76				9.41
Rice Seed Conv.	lb											90.0000	0.36	32.40	32.40
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Apr	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Rice Gates	each			1.00	Apr							1.0000	3.65	3.65	3.65
LA Rice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Apr	0.62	0.53	0.13	0.19	0.02	0.24				1.71
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Apr	1.48	1.28	0.13	0.15	0.05	0.58				3.62
Command 3ME	pt											0.8000	15.45	12.36	12.36
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App by Air (5 gal)	appl			1.00	May							1.0000	5.50	5.50	5.50
Permit 75DF	oz											1.0000	19.00	19.00	19.00
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App Fert by Air	cwt			1.00	May							2.0000	6.25	12.50	12.50
LA Nitrogen	lb											90.0000	0.51	45.90	45.90
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LA Rice Haul	cwt			1.00	Aug							68.0000	0.30	20.40	20.40
LA Rice Dry	cwt			1.00	Aug							75.0000	0.90	67.50	67.50
Irrigation System 5	acre				Mar							1.0000			73.83
TOTALS						45.36	41.80	61.73	24.59	1.55	16.81				515.86
INTEREST ON OPERATING CAPITAL															6.08
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															521.94

Table 26.A Estimated costs and returns per acre, Rice, Conventional Variety, Drill Plant, Conventional Tillage, (In Rotation) Tenant-Operator, NE Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	68.0000	884.00	_____
LA Rice-land&water	cwt	13.00	-20.5000	-266.50	_____
LA Rice Checkoff	cwt	0.08	-47.5000	-3.80	_____

TOTAL INCOME				613.70	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LARice GPS Charge_NE	acre	0.25	7.0000	1.75	_____
App by Air (5 gal)	appl	5.50	4.0000	22.00	_____
GIN/DRY					
LARice Dry	cwt	0.90	52.0000	46.80	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	170.0000	86.70	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Command 3ME	pt	15.45	1.0000	15.45	_____
Permit 75DF	oz	19.00	1.0000	19.00	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Seed Conv.	lb	0.36	90.0000	32.40	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.7000	23.13	_____
CUSTOM HARVEST/HAUL					
LARice Haul	cwt	0.30	47.5000	14.25	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.8249	7.93	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.2700	2.59	_____
DIESEL FUEL					
Tractors	gal	2.75	7.9039	21.72	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
REPAIR & MAINTENANCE					
Implements	acre	4.77	1.0000	4.77	_____
Tractors	acre	3.33	1.0000	3.33	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
INTEREST ON OP. CAP.	acre	4.61	1.0000	4.61	_____

TOTAL DIRECT EXPENSES				372.97	_____
RETURNS ABOVE DIRECT EXPENSES				240.73	_____
FIXED EXPENSES					
Implements	acre	10.70	1.0000	10.70	_____
Tractors	acre	21.17	1.0000	21.17	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____

TOTAL FIXED EXPENSES				52.50	_____

TOTAL SPECIFIED EXPENSES				425.47	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				188.23	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				158.23	_____

Table 26.B Estimated resource use and costs for field operations, per acre, Rice, Conventional Variety, Drill Plant, Conventional Tillage, (In Rotation)Tenant-Operator, NE Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	4WD 300	0.061	1.00	Nov	2.99	2.45	0.76	1.67	0.06	0.59				8.46
Ditcher		MFWD 150	0.020	2.00	Nov	0.99	0.86	0.07	0.10	0.04	0.38				2.40
Disk Harrow	28'	MFWD 190	0.070	2.00	Mar	4.33	3.63	1.53	3.34	0.14	1.35				14.18
Ditcher		MFWD 150	0.020	1.00	Mar	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Field Cultivate	32'	4WD 300	0.046	1.00	Mar	2.27	1.86	0.45	1.96	0.04	0.45				6.99
LA Rice Levee Plow	8 ft	MFWD 190	0.050	4.00	Mar	6.18	5.18	0.31	0.77	0.20	1.92				14.36
App Fert by Air	cwt			1.00	Apr							0.4000	6.25	2.50	2.50
LA Nitrogen	lb											20.0000	0.51	10.20	10.20
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
Grain Drill	20'	MFWD 150	0.094	1.00	Apr	2.32	2.02	1.11	2.20	0.18	1.76				9.41
Rice Seed Conv.	lb											90.0000	0.36	32.40	32.40
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Apr	2.61	2.26	0.15	0.13	0.10	1.02				6.17
LA Irrigation Labor	hour			1.00	Apr										2.59
Rice Gates	each											1.0000	3.65	3.65	3.65
LA Rice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Apr	0.62	0.53	0.13	0.19	0.02	0.24				1.71
LA Boom Sprayer	30 ft	MFWD 150	0.059	1.00	Apr	1.48	1.28	0.13	0.15	0.05	0.58				3.62
Command 3ME	pt											1.0000	15.45	15.45	15.45
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App by Air (5 gal)	appl			1.00	May							1.0000	5.50	5.50	5.50
Permit 75DF	oz											1.0000	19.00	19.00	19.00
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App Fert by Air	cwt			1.00	May							2.0000	6.25	12.50	12.50
LA Nitrogen	lb											90.0000	0.51	45.90	45.90
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LA Rice Haul	cwt			1.00	Aug							47.5000	0.30	14.25	14.25
LA Rice Dry	cwt			1.00	Aug							52.0000	0.90	46.80	46.80
TOTALS						45.36	41.80	4.77	10.70	1.51	16.42			301.81	420.86
INTEREST ON OPERATING CAPITAL															4.61
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															425.47

Table 27.A Estimated costs and returns per acre, Rice, Clearfield Variety, Drill Plant, Conventional Tillage, (In Rotation) Owner-Operator, NE Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	68.0000	884.00	_____
LA Rice Checkoff	cwt	0.08	-68.0000	-5.44	_____
TOTAL INCOME				878.56	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge_NE	acre	0.25	8.0000	2.00	_____
App by Air (5 gal)	appl	5.50	5.0000	27.50	_____
GIN/DRY					
LA Rice Dry	cwt	0.90	75.0000	67.50	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	170.0000	86.70	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Newpath 2SL	oz	3.84	8.0000	30.72	_____
Aim 2EC	oz	6.56	1.6000	10.50	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Clearfield 161	lb	0.89	75.0000	66.75	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.7000	23.13	_____
CUSTOM HARVEST/HAUL					
LA Rice Haul	cwt	0.30	68.0000	20.40	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.7537	7.24	_____
LA Irrigation Labor					
Irrigation System 5	hour	9.60	0.3099	2.98	_____
DIESEL FUEL					
Tractors	gal	2.75	6.7604	18.57	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
Irrigation System 5	gal	2.75	19.9221	54.79	_____
REPAIR & MAINTENANCE					
Implements	acre	4.61	1.0000	4.61	_____
Tractors	acre	2.85	1.0000	2.85	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
Irrigation System 5	acre	2.17	1.0000	2.17	_____
INTEREST ON OP. CAP.	acre	6.85	1.0000	6.85	_____
TOTAL DIRECT EXPENSES				501.80	_____
RETURNS ABOVE DIRECT EXPENSES				376.76	_____
FIXED EXPENSES					
Implements	acre	10.50	1.0000	10.50	_____
Tractors	acre	18.18	1.0000	18.18	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____
Irrigation System 5	acre	13.89	1.0000	13.89	_____
TOTAL FIXED EXPENSES				63.20	_____
TOTAL SPECIFIED EXPENSES				565.00	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				313.56	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS					
Land (O.C.) NE-RC	acre	90.00	1.0000	90.00	_____
RESIDUAL RETURNS				193.56	_____

Table 27.B Estimated resource use and costs for field operations, per acre, Rice, Clearfield Variety, Drill Plant, Conventional Tillage, (In Rotation)Owner-Operator, NE Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	28'	MFWD 190	0.070	1.00	Nov	2.17	1.82	0.76	1.67	0.07	0.67				7.09
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Disk Harrow	28'	MFWD 190	0.070	2.00	Mar	4.33	3.63	1.53	3.34	0.14	1.35				14.18
Irrigation System 5					Mar										
Ditcher		MFWD 150	0.020	1.00	Mar	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Field Cultivate	32'	MFWD 190	0.046	1.00	Mar	1.44	1.21	0.45	1.96	0.04	0.45				5.51
LA Rice Levee Plow	8 ft	MFWD 190	0.050	4.00	Mar	6.18	5.18	0.31	0.77	0.20	1.92				14.36
App Fert by Air	cwt			1.00	Apr							0.4000	6.25	2.50	2.50
LA Nitrogen	lb											20.0000	0.51	10.20	10.20
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
Grain Drill	20'	MFWD 150	0.094	1.00	Apr	2.32	2.02	1.11	2.20	0.18	1.76				9.41
Rice Clearfield 161	lb											75.0000	0.89	66.75	66.75
Blade-Scraper	10'	MFWD 150	1.176	0.09	Apr	2.61	2.26	0.15	0.13	0.10	1.02				6.17
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Rice Gates	each			1.00	Apr							1.0000	3.65	3.65	3.65
LA Rice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Apr	0.62	0.53	0.13	0.19	0.02	0.24				1.71
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App by Air (5 gal)	appl			1.00	May							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
Aim 2EC	oz											1.6000	6.56	10.50	10.50
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App Fert by Air	cwt			1.00	May							2.0000	6.25	12.50	12.50
LA Nitrogen	lb											90.0000	0.51	45.90	45.90
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LA Rice GPS Charge_NE	acre											1.0000	0.25	0.25	0.25
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LA Rice Haul	cwt			1.00	Aug							68.0000	0.30	20.40	20.40
LA Rice Dry	cwt			1.00	Aug							75.0000	0.90	67.50	67.50
Irrigation System 5	acre				Mar							1.0000			73.83
TOTALS						41.73	38.81	61.57	24.39	1.48	16.12			375.53	558.15
INTEREST ON OPERATING CAPITAL															6.85
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															565.00

Table 28.A Estimated costs and returns per acre, Rice, Clearfield Variety, Drill Plant, Conventional Tillage, (In Rotation) Tenant-Operator, NE Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Rice	cwt	13.00	68.0000	884.00	_____
LA Rice-land&water	cwt	13.00	-20.5000	-266.50	_____
LA Rice Checkoff	cwt	0.08	-47.5000	-3.80	_____

TOTAL INCOME				613.70	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LARice GPS Charge_NE	acre	0.25	8.0000	2.00	_____
App by Air (5 gal)	appl	5.50	5.0000	27.50	_____
GIN/DRY					
LARice Dry	cwt	0.90	52.0000	46.80	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	170.0000	86.70	_____
FUNGICIDES					
Quadris	oz	2.52	10.0000	25.20	_____
HERBICIDES					
Newpath 2SL	oz	3.84	8.0000	30.72	_____
Aim 2EC	oz	6.56	1.6000	10.50	_____
INSECTICIDES					
Karate Z	oz	2.87	4.0000	11.48	_____
IRRIGATION SUPPLIES					
Rice Gates	each	3.65	1.0000	3.65	_____
SEED/PLANTS					
Rice Clearfield 161	lb	0.89	75.0000	66.75	_____
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	3.7000	23.13	_____
CUSTOM HARVEST/HAUL					
LARice Haul	cwt	0.30	47.5000	14.25	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3303	5.05	_____
LA Hired Labor					
Tractors	hour	9.60	0.7537	7.24	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.2700	2.59	_____
DIESEL FUEL					
Tractors	gal	2.75	6.7604	18.57	_____
Self-Propelled	gal	2.75	2.5825	7.10	_____
REPAIR & MAINTENANCE					
Implements	acre	4.61	1.0000	4.61	_____
Tractors	acre	2.85	1.0000	2.85	_____
Self-Propelled	acre	13.21	1.0000	13.21	_____
INTEREST ON OP. CAP.	acre	5.32	1.0000	5.32	_____

TOTAL DIRECT EXPENSES				416.07	_____
RETURNS ABOVE DIRECT EXPENSES				197.63	_____
FIXED EXPENSES					
Implements	acre	10.50	1.0000	10.50	_____
Tractors	acre	18.18	1.0000	18.18	_____
Self-Propelled	acre	20.63	1.0000	20.63	_____

TOTAL FIXED EXPENSES				49.31	_____

TOTAL SPECIFIED EXPENSES				465.38	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				148.32	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				118.32	_____

Table 28.B Estimated resource use and costs for field operations, per acre, Rice, Clearfield Variety, Drill Plant, Conventional Tillage, (In Rotation)Tenant-Operator, NE Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	28'	MFWD 190	0.070	1.00	Nov	2.17	1.82	0.76	1.67	0.07	0.67				7.09
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Disk Harrow	28'	MFWD 190	0.070	2.00	Mar	4.33	3.63	1.53	3.34	0.14	1.35				14.18
Ditcher		MFWD 150	0.020	1.00	Mar	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Field Cultivate	32'	MFWD 190	0.046	1.00	Mar	1.44	1.21	0.45	1.96	0.04	0.45				5.51
LARice Levee Plow	8 ft	MFWD 190	0.050	4.00	Mar	6.18	5.18	0.31	0.77	0.20	1.92				14.36
App Fert by Air	cwt			1.00	Apr							0.4000	6.25	2.50	2.50
LA Nitrogen	lb											20.0000	0.51	10.20	10.20
LARice GPS Charge_NE acre												1.0000	0.25	0.25	0.25
Grain Drill	20'	MFWD 150	0.094	1.00	Apr	2.32	2.02	1.11	2.20	0.18	1.76				9.41
Rice Clearfield 161	lb											75.0000	0.89	66.75	66.75
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Blade-Scraper	10'	MFWD 150	1.176	0.09	Apr	2.61	2.26	0.15	0.13	0.10	1.02				6.17
LA Irrigation Labor	hour			1.00	Apr						0.27				2.59
Rice Gates	each											1.0000	3.65	3.65	3.65
LARice Backhoe-Rrmnt	2 ft	MFWD 150	0.500	0.05	Apr	0.62	0.53	0.13	0.19	0.02	0.24				1.71
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
LARice GPS Charge_NE acre												1.0000	0.25	0.25	0.25
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LARice GPS Charge_NE acre												1.0000	0.25	0.25	0.25
App by Air (5 gal)	appl			1.00	May							1.0000	5.50	5.50	5.50
Newpath 2SL	oz											4.0000	3.84	15.36	15.36
Aim 2EC	oz											1.6000	6.56	10.50	10.50
LARice GPS Charge_NE acre												1.0000	0.25	0.25	0.25
App Fert by Air	cwt			1.00	May							2.0000	6.25	12.50	12.50
LA Nitrogen	lb											90.0000	0.51	45.90	45.90
LARice GPS Charge_NE acre												1.0000	0.25	0.25	0.25
App Fert by Air	cwt			1.00	Jun							1.3000	6.25	8.13	8.13
LA Nitrogen	lb											60.0000	0.51	30.60	30.60
LARice GPS Charge_NE acre												1.0000	0.25	0.25	0.25
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Quadris	oz											10.0000	2.52	25.20	25.20
LARice GPS Charge_NE acre												1.0000	0.25	0.25	0.25
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50	5.50
Karate Z	oz											2.0000	2.87	5.74	5.74
LARice GPS Charge_NE acre												1.0000	0.25	0.25	0.25
LA Rice Combine	25 ft		0.300	1.00	Aug	20.31	20.63			0.33	5.05				45.99
Rice Grain Cart	500 Bu	MFWD 150	0.057	0.20	Aug	0.28	0.24	0.05	0.09	0.01	0.11				0.77
LARice Haul	cwt			1.00	Aug							47.5000	0.30	14.25	14.25
LARice Dry	cwt			1.00	Aug							52.0000	0.90	46.80	46.80
TOTALS						41.73	38.81	4.61	10.50	1.44	15.73			348.68	460.06
INTEREST ON OPERATING CAPITAL															5.32
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															465.38

Table 29.A Estimated costs and returns per acre, Soybeans, Roundup Ready (RR), Drill Planted, Owner-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Soybeans	bu	12.00	35.0000	420.00	_____

TOTAL INCOME				420.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	3.0000	16.50	_____
LARice GPS Charge-SW	acre	0.35	3.0000	1.05	_____
HARVEST AIDS					
Gramoxone Max	pt	5.46	1.0000	5.46	_____
FERTILIZERS					
LA Phosphate	lb	0.63	50.0000	31.50	_____
LA Potash	lb	0.48	50.0000	24.00	_____
FUNGICIDES					
Quadris	oz	2.52	6.0000	15.12	_____
Stratego	pt	17.77	0.6250	11.11	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.97	3.5000	20.90	_____
Classic	oz	14.55	0.2500	3.64	_____
INSECTICIDES					
Dimilin 2L	oz	1.73	2.0000	3.46	_____
Methyl Parathion	pt	4.63	1.0000	4.63	_____
Orthene 90S	lb	3.25	0.6000	1.95	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.99	75.0000	74.25	_____
ADJUVANTS					
Surfactant	pt	2.44	0.5000	1.22	_____
CUSTOM FERT/LIME					
Custom Spread(Truc	appl	4.50	1.0000	4.50	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.18	35.0000	6.30	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2310	3.54	_____
LA Hired Labor					
Tractors	hour	9.60	0.3772	3.63	_____
LA Other Labor					
Special Labor	hour	9.60	0.1250	1.20	_____
DIESEL FUEL					
Tractors	gal	2.75	3.3869	9.30	_____
Self-Propelled	gal	2.75	1.4915	4.10	_____
REPAIR & MAINTENANCE					
Implements	acre	3.22	1.0000	3.22	_____
Tractors	acre	1.49	1.0000	1.49	_____
Self-Propelled	acre	8.40	1.0000	8.40	_____
INTEREST ON OP. CAP.	acre	5.30	1.0000	5.30	_____

TOTAL DIRECT EXPENSES				266.62	_____
RETURNS ABOVE DIRECT EXPENSES				153.38	_____
FIXED EXPENSES					
Implements	acre	7.78	1.0000	7.78	_____
Tractors	acre	9.43	1.0000	9.43	_____
Self-Propelled	acre	13.12	1.0000	13.12	_____

TOTAL FIXED EXPENSES				30.33	_____

TOTAL SPECIFIED EXPENSES				296.95	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				123.05	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				93.05	_____
Land (O.C.) SW-SB	acre	35.00	1.0000	35.00	_____
RESIDUAL RETURNS				58.05	_____

Table 29.B Estimated resource use and costs for field operations, per acre, Soybeans, Roundup Ready (RR), Drill Planted, Owner-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	Track 300	0.061	1.00	Nov	3.02	2.67	0.76	1.67	0.06	0.59				8.71
LARice Land Level	13 ft	MFWD 150	0.190	0.20	Nov	0.94	0.81	0.03	0.14	0.03	0.37				2.29
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Disk Harrow	32'	MFWD 150	0.061	1.00	Mar	1.51	1.31	0.76	1.67	0.06	0.59				5.84
Custom Spread(Truc	appl			1.00	Mar							1.0000	4.50	4.50	4.50
LA Phosphate	lb											50.0000	0.63	31.50	31.50
LA Potash	lb											50.0000	0.48	24.00	24.00
Field Cultivate	24'	MFWD 150	0.062	1.00	Mar	1.53	1.33	0.44	1.95	0.06	0.60				5.85
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Grain Drill	20'	MFWD 150	0.094	1.00	May	2.32	2.02	1.11	2.20	0.18	1.76				9.41
LA Other Labor	hour														1.20
Soybean Seed RR	lb											75.0000	0.99	74.25	74.25
Ditcher		MFWD 150	0.020	1.00	May	0.49	0.43	0.04	0.05	0.02	0.19				1.20
App by Air (5 gal)	appl			1.00	May							1.0000	5.50	5.50	5.50
Roundup Ultra MAX	pt											2.0000	5.97	11.94	11.94
Classic	oz											0.2500	14.55	3.64	3.64
Surfactant	pt											0.2000	2.44	0.49	0.49
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Roundup Ultra MAX	pt											1.5000	5.97	8.96	8.96
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (3 gal)	appl			1.00	Jul								4.00		
Dimilin 2L	oz											2.0000	1.73	3.46	3.46
Quadris	oz											6.0000	2.52	15.12	15.12
App by Air (5 gal)	appl			1.00	Aug							1.0000	5.50	5.50	5.50
Methyl Parathion	pt											1.0000	4.63	4.63	4.63
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (3 gal)	appl			1.00	Sep								4.00		
Stratego	pt											0.6250	17.77	11.11	11.11
Orthene 90S	lb											0.6000	3.25	1.95	1.95
App by Air (5 gal)	appl			1.00	Sep								5.50		
Gramoxone Max	pt											1.0000	5.46	5.46	5.46
Surfactant	pt											0.3000	2.44	0.73	0.73
LARice Combine Med		20 ft	0.210	1.00	Oct	12.50	13.12			0.23	3.54				29.16
Haul Soybeans	bu			1.00	Oct							35.0000	0.18	6.30	6.30
TOTALS						23.29	22.55	3.22	7.78	0.82	9.22			225.59	291.65
INTEREST ON OPERATING CAPITAL															5.30
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															296.95

Table 30.A Estimated costs and returns per acre, Soybeans, Roundup Ready (RR), Drill Planted, Tenant-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Soybeans	bu	12.00	35.0000	420.00	_____
LA Soybean share	bu	12.00	-7.0000	-84.00	_____

TOTAL INCOME				336.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	3.0000	16.50	_____
LA Rice GPS Charge-SW	acre	0.35	3.0000	1.05	_____
HARVEST AIDS					
Gramoxone Max	pt	5.46	1.0000	5.46	_____
FERTILIZERS					
LA Phosphate	lb	0.63	50.0000	31.50	_____
LA Potash	lb	0.48	50.0000	24.00	_____
FUNGICIDES					
Quadris	oz	2.52	6.0000	15.12	_____
Stratego	pt	17.77	0.6250	11.11	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.97	3.5000	20.90	_____
Classic	oz	14.55	0.2500	3.64	_____
INSECTICIDES					
Dimilin 2L	oz	1.73	2.0000	3.46	_____
Methyl Parathion	pt	4.63	1.0000	4.63	_____
Orthene 90S	lb	3.25	0.6000	1.95	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.99	75.0000	74.25	_____
ADJUVANTS					
Surfactant	pt	2.44	0.5000	1.22	_____
CUSTOM FERT/LIME					
Custom Spread(Truc	appl	4.50	1.0000	4.50	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.18	28.0000	5.04	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2310	3.54	_____
LA Hired Labor					
Tractors	hour	9.60	0.3772	3.63	_____
LA Other Labor					
Special Labor	hour	9.60	0.1250	1.20	_____
DIESEL FUEL					
Tractors	gal	2.75	3.3869	9.30	_____
Self-Propelled	gal	2.75	1.4915	4.10	_____
REPAIR & MAINTENANCE					
Implements	acre	3.22	1.0000	3.22	_____
Tractors	acre	1.49	1.0000	1.49	_____
Self-Propelled	acre	8.40	1.0000	8.40	_____
INTEREST ON OP. CAP.	acre	5.30	1.0000	5.30	_____

TOTAL DIRECT EXPENSES				265.36	_____
RETURNS ABOVE DIRECT EXPENSES				70.64	_____
FIXED EXPENSES					
Implements	acre	7.78	1.0000	7.78	_____
Tractors	acre	9.43	1.0000	9.43	_____
Self-Propelled	acre	13.12	1.0000	13.12	_____

TOTAL FIXED EXPENSES				30.33	_____

TOTAL SPECIFIED EXPENSES				295.69	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				40.31	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				10.31	_____

Table 30.B Estimated resource use and costs for field operations, per acre, Soybeans, Roundup Ready (RR), Drill Planted, Tenant-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	Track 300	0.061	1.00	Nov	3.02	2.67	0.76	1.67	0.06	0.59				8.71
LARice Land Level	13 ft	MFWD 150	0.190	0.20	Nov	0.94	0.81	0.03	0.14	0.03	0.37				2.29
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Disk Harrow	32'	MFWD 150	0.061	1.00	Mar	1.51	1.31	0.76	1.67	0.06	0.59				5.84
Custom Spread(Truc	appl			1.00	Mar							1.0000	4.50	4.50	4.50
LA Phosphate	lb											50.0000	0.63	31.50	31.50
LA Potash	lb											50.0000	0.48	24.00	24.00
Field Cultivate	24'	MFWD 150	0.062	1.00	Mar	1.53	1.33	0.44	1.95	0.06	0.60				5.85
Ditcher		MFWD 150	0.020	1.00	Apr	0.49	0.43	0.04	0.05	0.02	0.19				1.20
Grain Drill	20'	MFWD 150	0.094	1.00	May	2.32	2.02	1.11	2.20	0.18	1.76				9.41
LA Other Labor	hour									0.12	1.20				1.20
Soybean Seed RR	lb											75.0000	0.99	74.25	74.25
Ditcher		MFWD 150	0.020	1.00	May	0.49	0.43	0.04	0.05	0.02	0.19				1.20
App by Air (5 gal)	appl			1.00	May							1.0000	5.50	5.50	5.50
Roundup Ultra MAX	pt											2.0000	5.97	11.94	11.94
Classic	oz											0.2500	14.55	3.64	3.64
Surfactant	pt											0.2000	2.44	0.49	0.49
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Roundup Ultra MAX	pt											1.5000	5.97	8.96	8.96
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (3 gal)	appl			1.00	Jul								4.00		
Dimilin 2L	oz											2.0000	1.73	3.46	3.46
Quadris	oz											6.0000	2.52	15.12	15.12
App by Air (5 gal)	appl			1.00	Aug							1.0000	5.50	5.50	5.50
Methyl Parathion	pt											1.0000	4.63	4.63	4.63
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (3 gal)	appl			1.00	Sep								4.00		
Stratego	pt											0.6250	17.77	11.11	11.11
Orthene 90S	lb											0.6000	3.25	1.95	1.95
App by Air (5 gal)	appl			1.00	Sep								5.50		
Gramoxone Max	pt											1.0000	5.46	5.46	5.46
Surfactant	pt											0.3000	2.44	0.73	0.73
LARice Combine Med		20 ft	0.210	1.00	Oct	12.50	13.12			0.23	3.54				29.16
Haul Soybeans	bu			1.00	Oct							28.0000	0.18	5.04	5.04
TOTALS						23.29	22.55	3.22	7.78	0.82	9.22			224.33	290.39
INTEREST ON OPERATING CAPITAL															5.30
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															295.69

Table 31.A Estimated costs and returns per acre, Wheat, Drill Planted, Owner-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Wheat	bu	7.50	45.0000	337.50	_____

TOTAL INCOME				337.50	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	2.0000	0.70	_____
App by Air (5 gal)	appl	5.50	1.0000	5.50	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	70.5000	35.96	_____
LA Phosphate	lb	0.63	45.0000	28.35	_____
LA Potash	lb	0.48	45.0000	21.60	_____
INSECTICIDES					
Methyl Parathion	pt	4.63	1.5000	6.95	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.27	75.0000	20.25	_____
CUSTOM FERT/LIME					
Custom Spread(Truc	appl	4.50	1.0000	4.50	_____
App Fert by Air	cwt	6.25	0.9000	5.63	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.18	40.0000	7.20	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2310	3.54	_____
LA Hired Labor					
Tractors	hour	9.60	0.2837	2.73	_____
DIESEL FUEL					
Tractors	gal	2.75	3.4985	9.61	_____
Self-Propelled	gal	2.75	1.4915	4.10	_____
REPAIR & MAINTENANCE					
Implements	acre	3.13	1.0000	3.13	_____
Tractors	acre	1.43	1.0000	1.43	_____
Self-Propelled	acre	8.40	1.0000	8.40	_____
INTEREST ON OP. CAP.	acre	3.30	1.0000	3.30	_____

TOTAL DIRECT EXPENSES				173.73	_____
RETURNS ABOVE DIRECT EXPENSES				163.77	_____
FIXED EXPENSES					
Implements	acre	7.55	1.0000	7.55	_____
Tractors	acre	9.21	1.0000	9.21	_____
Self-Propelled	acre	13.12	1.0000	13.12	_____

TOTAL FIXED EXPENSES				29.88	_____

TOTAL SPECIFIED EXPENSES				203.61	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				133.89	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				103.89	_____
Land (O.C.) SW-WH	acre	35.00	1.0000	35.00	_____
RESIDUAL RETURNS				68.89	_____

Table 31.B Estimated resource use and costs for field operations, per acre, Wheat, Drill Planted, Owner-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
							-----dollars-----				dollars		-----dollars-----		
Disk Harrow	32'	4WD 300	0.061	2.00	Nov	5.96	4.90	1.53	3.34	0.12	1.18				16.91
Custom Spread(Truc	appl			1.00	Nov							1.0000	4.50	4.50	4.50
LA Nitrogen	lb											30.0000	0.51	15.30	15.30
LA Phosphate	lb											45.0000	0.63	28.35	28.35
LA Potash	lb											45.0000	0.48	21.60	21.60
Field Cultivate	32'	4WD 300	0.046	1.00	Nov	2.27	1.86	0.45	1.96	0.04	0.45				6.99
Grain Drill	20'	MFWD 150	0.094	1.00	Nov	2.32	2.02	1.11	2.20	0.18	1.76				9.41
Wheat Seed Private	lb											75.0000	0.27	20.25	20.25
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
App Fert by Air	cwt			1.00	Feb							0.9000	6.25	5.63	5.63
LA Nitrogen	lb											40.5000	0.51	20.66	20.66
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Methyl Parathion	pt											1.5000	4.63	6.95	6.95
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
LARice Combine Med		20 ft	0.210	1.00	May	12.50	13.12			0.23	3.54				29.16
Haul Wheat	bu			1.00	May							40.0000	0.18	7.20	7.20
TOTALS						23.54	22.33	3.13	7.55	0.60	7.12			136.64	200.31
INTEREST ON OPERATING CAPITAL															3.30
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															203.61

Table 32.A Estimated costs and returns per acre, Wheat, Drill Planted, Tenant-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Wheat	bu	7.50	45.0000	337.50	_____
LA Wheat share	bu	7.50	-9.0000	-67.50	_____

TOTAL INCOME				270.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
LA Rice GPS Charge-SW	acre	0.35	2.0000	0.70	_____
App by Air (5 gal)	appl	5.50	1.0000	5.50	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	70.5000	35.96	_____
LA Phosphate	lb	0.63	45.0000	28.35	_____
LA Potash	lb	0.48	45.0000	21.60	_____
INSECTICIDES					
Methyl Parathion	pt	4.63	1.5000	6.95	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.27	75.0000	20.25	_____
CUSTOM FERT/LIME					
Custom Spread(Truc	appl	4.50	1.0000	4.50	_____
App Fert by Air	cwt	6.25	0.9000	5.63	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.18	36.0000	6.48	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2310	3.54	_____
LA Hired Labor					
Tractors	hour	9.60	0.2837	2.73	_____
DIESEL FUEL					
Tractors	gal	2.75	3.4985	9.61	_____
Self-Propelled	gal	2.75	1.4915	4.10	_____
REPAIR & MAINTENANCE					
Implements	acre	3.13	1.0000	3.13	_____
Tractors	acre	1.43	1.0000	1.43	_____
Self-Propelled	acre	8.40	1.0000	8.40	_____
INTEREST ON OP. CAP.	acre	3.29	1.0000	3.29	_____

TOTAL DIRECT EXPENSES				173.00	_____
RETURNS ABOVE DIRECT EXPENSES				97.00	_____
FIXED EXPENSES					
Implements	acre	7.55	1.0000	7.55	_____
Tractors	acre	9.21	1.0000	9.21	_____
Self-Propelled	acre	13.12	1.0000	13.12	_____

TOTAL FIXED EXPENSES				29.88	_____

TOTAL SPECIFIED EXPENSES				202.88	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				67.12	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				37.12	_____

Table 32.B Estimated resource use and costs for field operations, per acre, Wheat, Drill Planted, Tenant-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
							-----dollars-----				dollars		-----dollars-----		
Disk Harrow	32'	4WD 300	0.061	2.00	Nov	5.96	4.90	1.53	3.34	0.12	1.18				16.91
Custom Spread(Truc	appl			1.00	Nov							1.0000	4.50	4.50	4.50
LA Nitrogen	lb											30.0000	0.51	15.30	15.30
LA Phosphate	lb											45.0000	0.63	28.35	28.35
LA Potash	lb											45.0000	0.48	21.60	21.60
Field Cultivate	32'	4WD 300	0.046	1.00	Nov	2.27	1.86	0.45	1.96	0.04	0.45				6.99
Grain Drill	20'	MFWD 150	0.094	1.00	Nov	2.32	2.02	1.11	2.20	0.18	1.76				9.41
Wheat Seed Private	lb											75.0000	0.27	20.25	20.25
Ditcher		MFWD 150	0.020	1.00	Nov	0.49	0.43	0.04	0.05	0.02	0.19				1.20
App Fert by Air	cwt			1.00	Feb							0.9000	6.25	5.63	5.63
LA Nitrogen	lb											40.5000	0.51	20.66	20.66
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Methyl Parathion	pt											1.5000	4.63	6.95	6.95
LARice GPS Charge-SW acre												1.0000	0.35	0.35	0.35
LARice Combine Med		20 ft	0.210	1.00	May	12.50	13.12			0.23	3.54				29.16
Haul Wheat	bu			1.00	May							36.0000	0.18	6.48	6.48
TOTALS						23.54	22.33	3.13	7.55	0.60	7.12			135.92	199.59
INTEREST ON OPERATING CAPITAL															3.29
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															202.88

Table 33.A Estimated costs and returns per acre, Sorghum, Drill Planted, Owner-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Sorghum	bu.	4.40	85.0000	374.00	_____

TOTAL INCOME				374.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	1.0000	5.50	_____
LARice GPS Charge-SW	acre	0.35	1.0000	0.35	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	104.0000	53.04	_____
LA Phosphate	lb	0.63	48.0000	30.24	_____
LA Potash	lb	0.48	48.0000	23.04	_____
HERBICIDES					
Londax 60DF	oz	14.29	2.4000	34.30	_____
INSECTICIDES					
Sevin XLR Plus	qt	10.56	1.0000	10.56	_____
SEED/PLANTS					
Sorghum Concept	lb	1.77	9.0000	15.93	_____
CUSTOM FERT/LIME					
Custom Spread(Truc	appl	4.50	1.0000	4.50	_____
CUSTOM HARVEST/HAUL					
Haul Sorghum	bu	0.18	80.0000	14.40	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2310	3.54	_____
LA Hired Labor					
Tractors	hour	9.60	0.3812	3.66	_____
DIESEL FUEL					
Tractors	gal	2.75	3.7828	10.40	_____
Self-Propelled	gal	2.75	1.4915	4.10	_____
REPAIR & MAINTENANCE					
Implements	acre	3.29	1.0000	3.29	_____
Tractors	acre	1.68	1.0000	1.68	_____
Self-Propelled	acre	8.40	1.0000	8.40	_____
INTEREST ON OP. CAP.	acre	3.55	1.0000	3.55	_____
TOTAL DIRECT EXPENSES				231.33	_____
RETURNS ABOVE DIRECT EXPENSES				142.67	_____
FIXED EXPENSES					
Implements	acre	7.75	1.0000	7.75	_____
Tractors	acre	10.87	1.0000	10.87	_____
Self-Propelled	acre	13.12	1.0000	13.12	_____
TOTAL FIXED EXPENSES				31.74	_____
TOTAL SPECIFIED EXPENSES				263.07	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				110.93	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS					
Land (O.C.) SW-SG	acre	35.00	1.0000	35.00	_____
RESIDUAL RETURNS				45.93	_____

Table 33.B Estimated resource use and costs for field operations, per acre, Sorghum, Drill Planted, Owner-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk Harrow	28'	MFWD 225	0.070	1.00	Feb	2.58	2.30	0.76	1.67	0.07	0.67					7.98
Disk Harrow	28'	MFWD 225	0.070	1.00	Mar	2.58	2.30	0.76	1.67	0.07	0.67					7.98
Ditcher		MFWD 130	0.020	1.00	Mar	0.43	0.36	0.04	0.05	0.02	0.19					1.07
LA Boom Sprayer	30 ft	MFWD 170	0.059	1.00	Apr	1.68	1.56	0.13	0.15	0.05	0.58					4.10
Londax 60DF	oz											2.4000	14.29	34.30		34.30
Custom Spread(Truc	appl			1.00	Apr							1.0000	4.50	4.50		4.50
LA Nitrogen	lb											104.0000	0.51	53.04		53.04
LA Phosphate	lb											48.0000	0.63	30.24		30.24
LA Potash	lb											48.0000	0.48	23.04		23.04
Field Cultivate	32'	MFWD 225	0.046	1.00	Apr	1.73	1.53	0.45	1.96	0.04	0.45					6.12
Grain Drill	20'	MFWD 170	0.094	1.00	Apr	2.65	2.46	1.11	2.20	0.18	1.76					10.18
Sorghum Concept	lb											9.0000	1.77	15.93		15.93
Ditcher		MFWD 130	0.020	1.00	Apr	0.43	0.36	0.04	0.05	0.02	0.19					1.07
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50		5.50
Sevin XLR Plus	qt											1.0000	10.56	10.56		10.56
LARice GPS Charge-SW	acre											1.0000	0.35	0.35		0.35
LARice Combine Med	20 ft		0.210	1.00	Aug	12.50	13.12			0.23	3.54					29.16
Haul Sorghum	bu			1.00	Aug							80.0000	0.18	14.40		14.40
TOTALS						24.58	23.99	3.29	7.75	0.70	8.05			191.86		259.52
INTEREST ON OPERATING CAPITAL																3.55
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																263.07

Table 34.A Estimated costs and returns per acre, Sorghum, Drill Planted, Tenant-Operator, SW Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Sorghum	bu.	4.40	85.0000	374.00	_____
LA Sorghum share	bu.	4.40	-17.0000	-74.80	_____

TOTAL INCOME				299.20	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	1.0000	5.50	_____
LA Rice GPS Charge-SW	acre	0.35	1.0000	0.35	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	104.0000	53.04	_____
LA Phosphate	lb	0.63	48.0000	30.24	_____
LA Potash	lb	0.48	48.0000	23.04	_____
HERBICIDES					
Londax 60DF	oz	14.29	2.4000	34.30	_____
INSECTICIDES					
Sevin XLR Plus	qt	10.56	1.0000	10.56	_____
SEED/PLANTS					
Sorghum Concept	lb	1.77	9.0000	15.93	_____
CUSTOM FERT/LIME					
Custom Spread(Truc	appl	4.50	1.0000	4.50	_____
CUSTOM HARVEST/HAUL					
Haul Sorghum	bu	0.18	68.0000	12.24	_____
HAND LABOR					
Implements	hour	9.06	0.0942	0.85	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2310	3.54	_____
LA Hired Labor					
Tractors	hour	9.60	0.3812	3.66	_____
DIESEL FUEL					
Tractors	gal	2.75	3.7828	10.40	_____
Self-Propelled	gal	2.75	1.4915	4.10	_____
REPAIR & MAINTENANCE					
Implements	acre	3.29	1.0000	3.29	_____
Tractors	acre	1.68	1.0000	1.68	_____
Self-Propelled	acre	8.40	1.0000	8.40	_____
INTEREST ON OP. CAP.	acre	3.54	1.0000	3.54	_____

TOTAL DIRECT EXPENSES				229.16	_____
RETURNS ABOVE DIRECT EXPENSES				70.04	_____
FIXED EXPENSES					
Implements	acre	7.75	1.0000	7.75	_____
Tractors	acre	10.87	1.0000	10.87	_____
Self-Propelled	acre	13.12	1.0000	13.12	_____

TOTAL FIXED EXPENSES				31.74	_____

TOTAL SPECIFIED EXPENSES				260.90	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				38.30	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				8.30	_____

Table 34.B Estimated resource use and costs for field operations, per acre, Sorghum, Drill Planted, Tenant-Operator, SW Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk Harrow	28'	MFWD 225	0.070	1.00	Feb	2.58	2.30	0.76	1.67	0.07	0.67					7.98
Disk Harrow	28'	MFWD 225	0.070	1.00	Mar	2.58	2.30	0.76	1.67	0.07	0.67					7.98
Ditcher		MFWD 130	0.020	1.00	Mar	0.43	0.36	0.04	0.05	0.02	0.19					1.07
LA Boom Sprayer	30 ft	MFWD 170	0.059	1.00	Apr	1.68	1.56	0.13	0.15	0.05	0.58					4.10
Londax 60DF	oz											2.4000	14.29	34.30		34.30
Custom Spread(Truc	appl			1.00	Apr							1.0000	4.50	4.50		4.50
LA Nitrogen	lb											104.0000	0.51	53.04		53.04
LA Phosphate	lb											48.0000	0.63	30.24		30.24
LA Potash	lb											48.0000	0.48	23.04		23.04
Field Cultivate	32'	MFWD 225	0.046	1.00	Apr	1.73	1.53	0.45	1.96	0.04	0.45					6.12
Grain Drill	20'	MFWD 170	0.094	1.00	Apr	2.65	2.46	1.11	2.20	0.18	1.76					10.18
Sorghum Concept	lb											9.0000	1.77	15.93		15.93
Ditcher		MFWD 130	0.020	1.00	Apr	0.43	0.36	0.04	0.05	0.02	0.19					1.07
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.50	5.50		5.50
Sevin XLR Plus	qt											1.0000	10.56	10.56		10.56
LARice GPS Charge-SW acre												1.0000	0.35	0.35		0.35
LARice Combine Med	20 ft		0.210	1.00	Aug	12.50	13.12			0.23	3.54					29.16
Haul Sorghum	bu			1.00	Aug							68.0000	0.18	12.24		12.24
TOTALS						24.58	23.99	3.29	7.75	0.70	8.05				189.70	257.36
INTEREST ON OPERATING CAPITAL																3.54
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																260.90

Appendix Table 1. Rice Irrigation System 1 costs, SW Rice, Water Planted, Owner-Operator, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Underground Pipe 1	each								11.60	11.60
Gearhead 1	each								2.15	2.15
Engine 1	each								8.37	8.37
Application 1	Ac-in		23.74	0.60	0.46		0.89	25.69		25.69
Application 2	Ac-in		23.74	0.60	0.46		0.81	25.61		25.61
Application 3	Ac-in		29.68	0.75	0.58		0.90	31.91		31.91
Application 4	Ac-in		35.61	0.90	0.69		0.94	38.14		38.14
Application 5	Ac-in		35.61	0.90	0.69		0.81	38.01		38.01
Well 1	each								7.07	7.07
Pump 1	each								6.77	6.77
TOTALS		0.00	148.38	3.75	2.88	0.00	4.35	159.36	35.96	195.32

Note: Total irrigation application of 25 acre-inches.

Appendix Table 2. Rice Irrigation System 2 costs, SW Rice, Drill Planted, Owner-Operator, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Pump 2	each								6.77	6.77
Gearhead 2	each								2.15	2.15
Engine 2	each								8.37	8.37
Application 1	Ac-in		17.81	0.40	0.31		0.67	19.19		19.19
Application 2	Ac-in		17.81	0.40	0.31		0.67	19.19		19.19
Application 3	Ac-in		29.68	0.67	0.51		1.00	31.86		31.86
Application 4	Ac-in		29.68	0.67	0.51		0.89	31.75		31.75
Application 5	Ac-in		35.61	0.80	0.62		0.94	37.97		37.97
Application 6	Ac-in		29.68	0.67	0.51		0.67	31.53		31.53
Well 2	each								7.07	7.07
Underground Pipe 2	each								11.60	11.60
TOTALS		0.00	160.27	3.61	2.77	0.00	4.84	171.49	35.96	207.45

Note: Total irrigation application of 28 acre-inches.

Appendix Table 3. Rice Irrigation System 3 costs, SW Rice, Ratoon Crop, Owner-Operator, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Engine 1a	each									
Application 1	Ac-in		41.55		0.81		0.76	43.12		43.12
Application 2	Ac-in		17.81		0.35		0.26	18.42		18.42
TOTALS		0.00	59.36	0.00	1.16	0.00	1.02	61.54	0.00	61.54

Note: Total irrigation application of 10 acre-inches.

Appendix Table 4. Rice Irrigation System 4 costs, NE Rice, Water Planted, Owner-Operator, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Engine 4	each								4.16	4.16
Application 1	Ac-in		8.84	0.34	0.48		0.31	9.97		9.97
Application 2	Ac-in		8.84	0.34	0.48		0.31	9.97		9.97
Application 3	Ac-in		8.84	0.34	0.48		0.24	9.90		9.90
Application 4	Ac-in		17.67	0.67	0.96		0.42	19.72		19.72
Application 5	Ac-in		8.84	0.34	0.48		0.17	9.83		9.83
Gearhead 4	each								1.13	1.13
Pump 4	each								3.57	3.57
Well 4	each								2.36	2.36
Underground Pipe 4	each								2.90	2.90
TOTALS		0.00	53.03	2.03	2.88	0.00	1.45	59.39	14.12	73.51

Note: Total irrigation application of 30 acre-inches.

Appendix Table 5. Rice Irrigation System 5, NE Rice, Drill Planted, Owner-Operator, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	-----DIRECT COST-----							FIXED COST	TOTAL COST
		OP INPUT	FUEL	R&M	LABOR	LEASE	INTER	TOTAL		
-----dollars-----										
Engine 3	each								4.16	4.16
Application 1	Ac-in		5.30	0.21	0.29		0.19	5.99		5.99
Application 2	Ac-in		5.30	0.21	0.29		0.19	5.99		5.99
Application 3	Ac-in		8.84	0.35	0.48		0.28	9.95		9.95
Application 4	Ac-in		8.84	0.35	0.48		0.24	9.91		9.91
Application 5	Ac-in		17.67	0.70	0.96		0.42	19.75		19.75
Application 6	Ac-in		8.84	0.35	0.48		0.17	9.84		9.84
Pump 3	each								3.57	3.57
Underground Pipe 3	each								2.67	2.67
Well 3	each								2.36	2.36
Gearhead 3	each								1.13	1.13
TOTALS		0.00	54.79	2.17	2.98	0.00	1.49	61.43	13.89	75.32

Note: Total irrigation application of 31 acre-inches

Appendix Table 6. Operating Inputs: Estimated Prices for 2011.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
ADJUVANTS			GIN/DRY		
Crop Oil (Seed Oil)	pt	3.33	Dry Rice (cwt)	cwt	0.90
Crop Oil (Petroleum)	pt	1.41	HERBICIDES		
Surfactant	pt	2.44	2,4-D Amine 4	pt	1.74
CUSTOM FERT/LIME			Aim 2EC	oz	6.56
App Fert by Air	cwt	6.25	Aim DF	oz	9.65
App Fert by Air(Min)	appl	6.25	Arrosolo	qt	7.88
Custom Apply Fert	acre	6.25	Basagran	pt	12.16
Custom Spread(Truc)	appl	4.50	Beyond	oz	4.47
Lime (Spread)	ton	46.00	Blazer Ultra	pt	8.56
CUSTOM HARVEST/HAUL			Bolero 8EC	pt	5.73
Haul Rice	bu	0.18	Clincher EC	oz	1.98
Haul Rice (cwt)	cwt	0.25	Command 3ME	pt	15.45
Haul Sorghum	bu	0.18	Facet 75DF	lb	49.92
Haul Soybeans	bu	0.18	Gramoxone Max	pt	5.46
Haul Wheat	bu	0.18	Grandstand R	qt	25.10
LA Haul Rice	cwt	0.30	Londax 60DF	oz	14.29
CUSTOM PLANT			Newpath 2SL	oz	3.84
LARice Air Plant NE	cwt	5.50	Ordram 15-G	lb	1.34
LARice Air Plant SW	cwt	5.60	Ordram 8-E	pt	9.42
CUSTOM SPRAY			Pendimax 3.3	pt	2.47
App by Air (2 gal)	appl	3.50	Permit 75DF	oz	19.00
App by Air (3 gal)	appl	4.00	Propanil 4E	qt	5.15
App by Air (5 gal)	appl	5.50	Prowl 3.3 EC	pt	4.29
App by Air (10 gal)	appl	7.25	Regiment 80WP	oz	35.02
LARice GPS Charge-SW	acre	0.35	Ricestar	pt	18.13
LARice GPS Charge_NE	acre	0.25	Roundup Original Max	oz	0.45
FERTILIZERS			Roundup Ultra MAX	pt	5.97
Amm Nitrate (34% N)	cwt	18.00	Roundup WeatherMax	oz	0.28
Amm Sulfate (21% N)	cwt	14.00	Stam 4E	qt	5.12
Fert 10-34-0	cwt	22.00	Stam 80 EDF	lb	5.30
Fert 41-0-0	cwt	18.50	Treflan HFP	pt	3.16
LA Nitrogen	lb	0.51	Valor WP	oz	4.23
LA Phosphate	lb	0.63	INSECTICIDES		
LA Potash	lb	0.48	Dimilin 2L	oz	1.73
Phosphorus(46% P2O5)	cwt	22.00	Karate Z	oz	2.87
Potash (60% K2O)	cwt	23.00	Methyl Parathion	pt	4.63
Sulfur	lb	0.20	Mustang Max	oz	1.30
UAN (32% N)	cwt	12.50	Penncap M	pt	3.50
UAN + Sulfur (28% N)	cwt	12.00	Sevin 80S	lb	7.35
Urea, Solid (46% N)	cwt	19.00	Sevin XLR Plus	qt	10.56
Zinc	lb	0.55	SEED/PLANTS		
FUNGICIDES			Rice Clearfield 161	lb	0.89
Benlate 50 WP	lb	15.95	Rice Seed (Levees)	lb	0.36
Gem 25 WG	oz	3.70	Rice Seed CF(Levees)	lb	0.89
Manzate 75 DF	lb	3.48	Rice Seed Conv.	lb	0.36
Manzate Flowable	pt	4.60	LA Hybrid Rice Seed	ac	140.00
Moncut 70 DF	lb	24.85	Sorghum Concept	lb	1.77
Quadris	oz	2.52	Sorghum NonConcept	lb	1.18
Rovral 4F	pt	17.83	Soybean Seed Private	lb	0.38
Stratego	pt	17.77	Soybean Seed RR	lb	0.99
Tilt 3.6 EC	oz	2.15	Wheat Seed Private	lb	0.27

Appendix Table 7. Tractors: estimated purchase price, annual use, useful life, fuel use, and direct and fixed cost per hour, Louisiana 2011.

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	-----\$/hour-----					
Combine (170-199 hp)	190hp	0	300	8	9.78	11.35	26.89	0.00	38.24	0.00	38.24
Combine (200-249 hp)	240hp	161,548	300	8	12.35	11.35	33.96	16.82	62.14	68.39	130.53
Combine (225-274 hp)	Track250hp	0	300	8	12.87	11.35	35.39	0.00	46.74	0.00	46.74
Combine (250-299 hp)	275hp	231,000	300	8	14.15	11.35	38.91	24.06	74.32	97.79	172.11
Combine (250-299hp)	Grass295hp	218,222	300	8	15.18	11.35	41.74	22.73	75.82	92.38	168.21
Combine (275-299 hp)	Track290hp	0	300	8	14.93	11.35	41.05	0.00	52.40	0.00	52.40
Combine (300-349 hp)	325hp	251,000	300	8	16.73	11.35	46.00	26.14	83.50	106.26	189.76
Combine (300-349hp)	Track320hp	0	300	8	16.47	11.35	45.29	0.00	56.64	0.00	56.64
Combine (350-379 hp)	370hp	240,137	300	8	19.04	11.35	52.36	25.01	88.72	101.66	190.38
Combine (350-379 hp)	Track365hp	0	300	8	18.79	11.35	51.67	0.00	63.02	0.00	63.02
Cotton Stripper	173hp	145,021	200	8	8.08	11.35	22.22	22.65	56.22	92.09	148.32
SC Tractor 93 MDR	93	46,683	600	10	4.79	9.60	13.17	2.72	25.49	8.14	33.64
SC Tractpr 68 MDR	68	27,049	600	10	3.50	9.60	9.62	1.57	20.80	4.72	25.52
test-mes		0	0	0	0.00	11.35	0.00***	*****	*****	*****	**
Tractor(40-59hp)Cab	2WD 50	29,300	600	8	2.57	9.60	7.07	0.91	17.59	5.69	23.29
Tractor(40-59hp)Cab	MFWD 50	31,900	600	8	2.57	9.60	7.07	0.99	17.67	6.20	23.87
Tractor(40-59hp)RB	2WD 50	22,500	600	8	2.57	9.60	7.07	0.70	17.38	4.37	21.75
Tractor(40-59hp)RB	MFWD 50	26,600	600	8	2.57	9.60	7.07	0.83	17.50	5.17	22.68
Tractor(60-89hp)CAB	2WD 75	40,100	600	8	3.86	9.60	10.61	1.25	21.46	7.80	29.26
Tractor(60-89hp)CAB	MFWD 75	43,900	600	8	3.86	9.60	10.61	1.37	21.58	8.53	30.12
Tractor(60-89hp)RB	2WD 75	32,100	600	8	3.86	9.60	10.61	1.00	21.21	6.24	27.46
Tractor(60-89hp)RB	MFWD 75	35,900	600	8	3.86	9.60	10.61	1.12	21.33	6.98	28.32
Tractor(90-119hp)CB	2WD 105	62,800	600	8	5.40	9.60	14.86	1.96	26.42	12.21	38.64
Tractor(90-119hp)CB	MFWD 105	67,600	600	8	5.40	9.60	14.86	2.11	26.57	13.15	39.72
Tractor(90-119hp)RB	2WD 105	48,600	600	8	5.40	9.60	14.86	1.51	25.98	9.45	35.43
Tractor(90-119hp)RB	MFWD 105	53,400	600	8	5.40	9.60	14.86	1.66	26.13	10.38	36.51
Tractor(120-139hp)CB	2WD 130	85,400	600	8	6.69	9.60	18.40	2.66	30.67	16.61	47.28
Tractor(120-139hp)CB	MFWD 130	92,200	600	8	6.69	9.60	18.40	2.88	30.88	17.93	48.81
Tractor(140-159hp)CB	2WD 150	103,300	600	8	7.72	9.60	21.23	3.22	34.06	20.09	54.15
Tractor(140-159hp)CB	MFWD 150	109,900	600	8	7.72	9.60	21.23	3.43	34.26	21.37	55.64
Tractor(160-179hp)CB	2WD 170	109,400	600	8	8.75	9.60	24.06	3.41	37.08	22.21	59.30
Tractor(160-179hp)CB	MFWD 170	128,400	600	8	8.75	9.60	24.06	4.01	37.67	26.07	63.75
Tractor(160-199hp)CB	Track 180	142,710	600	8	9.26	9.60	25.47	4.45	39.53	28.98	68.52
Tractor(180-199hp)CB	2WD 190	109,958	600	8	9.77	9.60	26.89	3.43	39.93	22.33	62.26
Tractor(180-199hp)CB	MFWD 190	127,500	600	8	9.77	9.60	26.89	3.98	40.47	25.89	66.37
Tractor(200-249hp)CB	4WD 225	147,066	600	8	11.58	9.60	31.84	4.59	46.04	29.86	75.91
Tractor(200-249hp)CB	MFWD 225	161,400	600	8	11.58	9.60	31.84	5.04	46.49	32.78	79.27
Tractor(200-249hp)CB	Track 225	201,400	600	8	11.58	9.60	31.84	6.29	47.74	40.90	88.64
Tractor(250-349hp)CB	4WD 300	196,500	600	8	15.44	9.60	42.46	6.14	58.20	39.90	98.11
Tractor(250-349hp)CB	Track 300	214,200	600	8	15.44	9.60	42.46	6.69	58.75	43.50	102.26
Tractor(350-449hp)CB	4WD 400	231,800	600	8	20.58	9.60	56.61	7.24	73.46	47.07	120.54
Tractor(350-449hp)CB	Track 400	264,700	600	8	20.58	9.60	56.61	8.27	74.49	53.76	128.25
Tractor(450-uphp)CB	TRACK-475	279,879	600	8	24.44	9.60	67.23	8.74	85.58	56.84	142.42

Appendix Table 8. Self-propelled machines: estimated purchase price, annual use, useful life, fuel use, performance rate, and direct and fixed cost per acre, Louisiana 2011.

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Perf Rate	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	hr/ac	-----\$/acre-----					
ATV - 4 Wheeler	12'	0	100	8	1.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
ATV - 4 Wheeler	20'	8,679	100	8	1.00	0.200	2.27	0.52	0.43	3.22	2.11	5.34
LA Pickup Truck	1/2 ton	25,000	800	5	2.50	1.000	9.60	6.52	2.81	18.93	6.75	25.69
LA Rice Combine	25 ft	165,000	300	10	8.60	0.300	5.05	7.10	13.21	25.36	20.62	45.99
LA Rice Combine-2	25 ft	165,000	300	10	8.60	0.300	5.05	7.10	13.21	25.36	20.62	45.99
LARice Combine Med	20 ft	150,000	300	10	7.10	0.210	3.53	4.10	8.40	16.04	13.11	29.16
Levee Sprayer	27'	30,768	350	8	2.57	0.038	0.60	0.27	0.06	0.94	0.42	1.37
Sprayer(300-450Gal)	47'	0	350	8	5.40	0.022	0.35	0.33	0.00	0.69	0.00	0.69
Sprayer(300-450Gal)	60'	96,400	350	8	5.66	0.017	0.27	0.27	0.09	0.64	0.61	1.26
Sprayer(300-450Gal)	80'	98,700	350	8	5.66	0.013	0.20	0.20	0.06	0.48	0.47	0.95
Sprayer(600-750Gal)	60'	149,000	350	8	10.29	0.017	0.27	0.49	0.14	0.91	0.95	1.87
Sprayer(600-825Gal)	80'	149,000	350	8	10.29	0.013	0.20	0.37	0.10	0.68	0.71	1.40
Sprayer(600-825Gal)	90'	216,000	350	8	10.29	0.011	0.18	0.33	0.13	0.65	0.92	1.57
Sprayer(1000-1400Gal)	90'	240,000	350	8	14.15	0.014	0.22	0.54	0.18	0.95	1.22	2.18
Sprayer(1200PlusGal)	120'	258,000	350	8	15.44	0.008	0.13	0.37	0.12	0.63	0.82	1.46

Appendix Table 9. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana 2011.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M--- Imp. P.U.	Total Direct	--Fixed-- Imp. P.U.	Total Cost		
			dollars	hours	years	hr/ac	-----\$/acre-----							
Blade-Box	6'	2WD 130	1,000	200	20	0.020	0.19	0.36	0.00	0.05	0.62	0.00	0.33	0.96
Blade-Box	10'	2WD 50	4,400	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Blade-Box	14'	2WD 50	6,170	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Blade-Scraper	6'	2WD 50	1,150	200	20	1.176	11.29	8.32	0.64	0.82	21.09	0.53	5.14	26.77
Blade-Scraper	10'	2WD 50	3,069	200	20	1.176	11.29	8.32	1.71	0.82	22.16	1.43	5.14	28.74
Blade-Scraper	14'	2WD 50	5,930	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chisel Plow(Folding)	16'	2WD 130	19,900	150	12	0.115	1.10	2.12	0.83	0.30	4.37	1.49	1.91	7.79
Chisel Plow(Folding)	24'	MFWD 190	30,300	150	12	0.076	0.73	2.05	0.83	0.30	3.93	1.50	1.97	7.41
Chisel Plow(Folding)	32'	MFWD 225	35,100	150	12	0.057	0.55	1.83	0.73	0.29	3.41	1.32	1.89	6.63
Chisel Plow(Folding)	42'	MFWD 225	39,300	150	12	0.044	0.42	1.40	0.62	0.22	2.67	1.12	1.44	5.24
Chisel Plow(Rigid)	15'	2WD 130	8,072	150	12	0.123	1.18	2.26	0.35	0.32	4.13	0.64	2.04	6.83
Chisel Plow(Rigid)	24'	MFWD 190	9,865	150	12	0.077	0.73	2.07	0.27	0.30	3.39	0.49	1.99	5.88
Chisel-Harrow	21 shank	2WD 190	9,500	150	12	0.088	0.84	2.36	0.30	0.30	3.81	0.54	1.96	6.32
Chisel-Harrow	27 shank	MFWD 225	11,600	150	12	0.068	0.65	2.18	0.28	0.34	3.47	0.51	2.24	6.23
Colter-Chisel-Harrow	21 shank	2WD 190	17,200	150	12	0.088	0.84	2.36	0.54	0.30	4.06	0.98	1.96	7.01
Colter-Chisel-Harrow	27 shank	MFWD 225	21,500	150	12	0.068	0.65	2.18	0.53	0.34	3.71	0.95	2.24	6.91
Corn Grain Cart 8R30	500 bu	MFWD 190	20,856	200	12	0.031	0.30	0.85	0.18	0.12	1.47	0.32	0.82	2.62
Corn Grain Cart 8R40	700bu	MFWD 190	29,243	200	12	0.025	0.24	0.67	0.19	0.09	1.20	0.35	0.64	2.21
Cult & Post	4R-38	2WD 105	14,400	150	10	0.173	2.44	2.57	0.66	0.26	5.95	1.81	1.63	9.40
Cult & Post	6R-30	MFWD 150	18,200	150	10	0.146	2.07	3.11	0.71	0.50	6.40	1.94	3.13	11.48
Cult & Post	6R-38	MFWD 150	18,900	150	10	0.115	1.63	2.45	0.58	0.39	5.07	1.59	2.47	9.14
Cult & Post	8R-30	MFWD 190	22,400	150	10	0.110	1.55	2.95	0.65	0.43	5.60	1.79	2.84	10.25
Cult & Post	8R-38	MFWD 190	24,600	150	10	0.086	1.22	2.33	0.57	0.34	4.48	1.55	2.25	8.29
Cult & Post	8R-38 2x1	MFWD 190	33,100	150	10	0.057	0.81	1.55	0.51	0.23	3.11	1.39	1.49	6.01
Cult & Post	10R-30	MFWD 225	29,900	150	10	0.088	1.24	2.80	0.70	0.44	5.19	1.91	2.88	9.99
Cult & Post	10R-38	MFWD 225	0	150	10	0.065	0.91	2.07	0.00	0.32	3.31	0.00	2.13	5.45
Cult & Post	12R-30	MFWD 225	38,100	150	10	0.073	1.03	2.33	0.74	0.36	4.48	2.03	2.40	8.92
Cult & Post	12R-38	MFWD 225	35,800	150	10	0.057	0.81	1.84	0.55	0.29	3.50	1.51	1.89	6.91
Cultipacker	12'	2WD 130	4,640	300	12	0.124	1.19	2.28	0.13	0.33	3.95	0.19	2.06	6.21
Cultipacker	20'	MFWD 150	12,011	300	12	0.074	0.71	1.58	0.21	0.25	2.77	0.30	1.59	4.66
Cultivate	4R-38	2WD 105	9,440	150	10	0.162	1.55	2.41	0.40	0.24	4.62	1.11	1.53	7.28
Cultivate	6R-30	MFWD 150	13,190	150	10	0.137	1.32	2.91	0.48	0.47	5.19	1.32	2.93	9.45
Cultivate	6R-38	MFWD 150	13,900	150	10	0.108	1.04	2.30	0.40	0.37	4.12	1.10	2.32	7.54
Cultivate	8R-30	MFWD 190	17,400	150	10	0.103	0.99	2.77	0.47	0.41	4.65	1.30	2.67	8.63
Cultivate	8R-38	MFWD 190	19,600	150	10	0.081	0.78	2.19	0.42	0.32	3.72	1.16	2.11	7.00
Cultivate	8R-38 2x1	MFWD 190	26,600	150	10	0.054	0.52	1.45	0.38	0.21	2.58	1.05	1.40	5.04
Cultivate	10R-30	MFWD 225	24,900	150	10	0.082	0.79	2.62	0.54	0.41	4.38	1.49	2.70	8.58
Cultivate	10R-38	MFWD 225	0	150	10	0.065	0.62	2.07	0.00	0.32	3.02	0.00	2.13	5.15
Cultivate	12R-30	MFWD 225	33,200	150	10	0.068	0.66	2.18	0.60	0.34	3.80	1.66	2.25	7.72
Cultivate	12R-38	MFWD 225	32,000	150	10	0.054	0.52	1.72	0.46	0.27	2.98	1.26	1.77	6.03
Disk & Incorporate	14'	2WD 130	25,600	200	10	0.149	2.11	2.75	1.14	0.39	6.41	2.09	2.48	10.99
Disk & Incorporate	24'	MFWD 190	38,000	200	10	0.087	1.23	2.34	0.99	0.34	4.92	1.81	2.26	8.99
Disk & Incorporate	32'	4WD 225	49,800	200	10	0.068	0.97	2.18	1.02	0.31	4.50	1.87	2.05	8.42
Disk & Incorporate	42'	MFWD 225	30,542	200	10	0.049	0.69	1.56	0.44	0.24	2.95	0.82	1.60	5.38
Disk Bed (Hipper)	4R-38	MFWD 150	8,420	160	10	0.147	1.41	3.13	0.31	0.50	5.36	0.84	3.15	9.37
Disk Bed (Hipper)	6R-30	MFWD 170	11,200	160	10	0.125	1.20	3.00	0.35	0.50	5.05	0.95	3.25	9.27
Disk Bed (Hipper)	6R-38	MFWD 170	11,200	160	10	0.098	0.94	2.37	0.27	0.39	3.99	0.75	2.57	7.32
Disk Bed (Hipper)	8R-30	MFWD 190	14,200	160	10	0.093	0.90	2.52	0.33	0.37	4.12	0.90	2.42	7.46
Disk Bed (Hipper)	8R-38 2x1	MFWD 190	23,200	160	10	0.049	0.47	1.32	0.28	0.19	2.28	0.78	1.27	4.34
Disk Bed (Hipper)	10R-30	MFWD 225	19,000	160	10	0.075	0.72	2.38	0.35	0.37	3.84	0.97	2.45	7.27
Disk Bed (Hipper)	10R-38	MFWD 225	19,600	160	10	0.059	0.56	1.88	0.28	0.29	3.03	0.79	1.93	5.77
Disk Bed (Hipper)	12R-30	MFWD 225	22,300	160	10	0.062	0.60	1.99	0.34	0.31	3.25	0.95	2.04	6.25
Disk Bed (Hipper)	12R-38	MFWD 225	23,200	160	10	0.049	0.47	1.57	0.28	0.24	2.58	0.78	1.61	4.97
Disk Bed (Hipper)Fld	8R-38	MFWD 190	15,000	160	10	0.074	0.71	1.99	0.27	0.29	3.27	0.75	1.91	5.95
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	15,300	160	10	0.074	0.71	1.99	0.28	0.29	3.28	0.77	1.91	5.97
Disk Bed w/roller	8R-30	2WD 190	18,000	160	10	0.093	0.90	2.52	0.42	0.32	4.16	1.15	2.09	7.41
Disk Bed w/roller	12R-30	MFWD 225	30,700	160	10	0.062	0.60	1.99	0.47	0.31	3.38	1.31	2.04	6.74
Disk Harrow	14'	2WD 130	20,600	180	10	0.140	1.34	2.58	0.80	0.37	5.10	1.75	2.33	9.19
Disk Harrow	24'	MFWD 190	33,100	180	10	0.081	0.78	2.20	0.75	0.32	4.06	1.64	2.11	7.83
Disk Harrow	28'	MFWD 225	39,200	180	10	0.070	0.67	2.23	0.76	0.35	4.02	1.67	2.29	7.99
Disk Harrow	32'		44,800	180	10	0.061	0.69	0.00	0.76***	*****	1.67***	*****	***	
Disk Harrow	42'	MFWD 225	87,000	180	10	0.046	0.44	1.48	1.13	0.23	3.30	2.47	1.53	7.31
Ditcher		2WD 130	4,390	200	10	0.020	0.19	0.36	0.03	0.05	0.64	0.04	0.33	1.02
Ditcher (1m/160a)		2WD 130	4,390	200	10	0.009	0.09	0.17	0.01	0.02	0.30	0.02	0.15	0.48
Fert Appl (Liquid)	4R-38	MFWD 150	13,500	150	8	0.154	2.18	3.28	1.39	0.53	7.39	1.62	3.30	12.32
Fert Appl (Liquid)	6R-30	MFWD 170	16,600	150	8	0.130	1.85	3.15	1.44	0.52	6.97	1.69	3.41	12.08
Fert Appl (Liquid)	6R-38	MFWD 170	14,300	150	8	0.103	1.46	2.48	0.98	0.41	5.34	1.15	2.69	9.19
Fert Appl (Liquid)	8R-30	MFWD 190	14,400	150	8	0.098	1.38	2.64	0.94	0.39	5.36	1.10	2.54	9.00
Fert Appl (Liquid)	8R-38	MFWD 190	16,000	150	8	0.077	1.09	2.08	0.82	0.30	4.32	0.96	2.01	7.29
Fert Appl (Liquid)	8R-38 2x1	MFWD 190	15,500	150	8	0.051	0.73	1.39	0.53	0.20	2.86	0.62	1.33	4.82
Fert Appl (Liquid)	10R-30	MFWD 225	15,000	150	8	0.078	1.11	2.50	0.78	0.39	4.79	0.91	2.57	8.28
Fert Appl (Liquid)	10R-38	MFWD 225	18,100	150	8	0.061	0.87	1.97	0.74	0.31	3.90	0.87	2.03	6.81
Fert Appl (Liquid)	12R-30	MFWD 225	18,100	150	8	0.078	1.11	2.50	0.94	0.39	4.95	1.10	2.57	8.63
Fert Appl (Liquid)	12R-38	MFWD 225	15,500	150	8	0.051	0.73	1.64	0.53	0.26	3.17	0.62	1.69	5.48
Field Cult & Inc	12'	2WD 150	13,605	100	10	0.132	1.86	2.80	0.44	0.42	5.55	1.96	2.65	10.17
Field Cult & Inc	24'	MFWD 170	24,679	100	10	0.066	0.93	1.59	0.40	0.26	3.19	1.78	1.72	6.70

Appendix Table 9. Implements: estimated purchase price, annual use, useful life, performance rate, (Continued) and direct and fixed cost per acre, Louisiana 2011.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Field Cult & Inc	32'	MFWD 190	33,211	100	10	0.049	0.70	1.33	0.41	0.19	2.64	1.80	1.28	5.72
Field Cult & Inc	42'	MFWD 225	54,200	100	10	0.037	0.53	1.20	0.51	0.19	2.43	2.23	1.23	5.91
Field Cultivate	12'	2WD 150	9,821	100	10	0.124	1.19	2.64	0.30	0.40	4.54	1.33	2.50	8.38
Field Cultivate	24'	MFWD 170	28,600	100	10	0.062	0.59	1.49	0.44	0.24	2.78	1.94	1.62	6.35
Field Cultivate	32'	MFWD 190	38,500	100	10	0.046	0.44	1.25	0.44	0.18	2.33	1.96	1.20	5.51
Field Cultivate	42'	MFWD 225	47,600	100	10	0.035	0.34	1.13	0.42	0.17	2.07	1.85	1.16	5.09
Field Cultivate	50'	MFWD 225	56,500	100	10	0.029	0.28	0.95	0.42	0.15	1.81	1.84	0.97	4.63
Gate Installer		2WD 130	2,960	10	10	0.020	0.37	0.36	0.17	0.05	0.97	0.62	0.33	1.92
Grain Drill	12'	2WD 130	17,500	150	8	0.157	2.93	2.89	1.03	0.41	7.27	2.04	2.61	11.93
Grain Drill	15'	MFWD 150	21,700	150	8	0.125	2.34	2.66	1.02	0.43	6.46	2.02	2.68	11.18
Grain Drill	20'	MFWD 170	31,300	150	8	0.094	1.75	2.26	1.10	0.37	5.51	2.19	2.45	10.16
Grain Drill	24'	MFWD 190	51,300	150	8	0.078	1.46	2.11	1.51	0.31	5.40	2.99	2.03	10.43
Grain Drill	30'	MFWD 225	51,900	150	8	0.062	1.17	2.00	1.22	0.31	4.71	2.42	2.06	9.20
Grain Drill & Pre	12'	2WD 130	22,500	150	8	0.169	3.15	3.11	1.42	0.45	8.15	2.83	2.81	13.79
Grain Drill & Pre	15'	MFWD 150	26,700	150	8	0.135	2.52	2.87	1.35	0.46	7.22	2.68	2.89	12.80
Grain Drill & Pre	20'	MFWD 170	36,300	150	8	0.101	1.89	2.44	1.38	0.40	6.12	2.74	2.64	11.51
Grain Drill & Pre	24'	MFWD 190	56,200	150	8	0.084	1.57	2.27	1.78	0.33	5.97	3.53	2.19	11.70
Grain Drill & Pre	30'	MFWD 225	56,900	150	8	0.067	1.26	2.15	1.44	0.34	5.20	2.86	2.21	10.28
Harrow	13'	2WD 130	3,690	200	10	0.119	1.14	2.19	0.15	0.31	3.81	0.24	1.98	6.04
Harrow	21'	2WD 150	3,880	200	10	0.073	0.70	1.57	0.10	0.23	2.61	0.15	1.48	4.26
Harrow	40'	MFWD 190	10,620	200	10	0.038	0.37	1.04	0.14	0.15	1.71	0.22	1.00	2.94
Harrow	47'	MFWD 190	11,000	200	10	0.033	0.31	0.88	0.12	0.13	1.46	0.19	0.85	2.51
Heavy Disk	14'	MFWD 150	18,791	180	10	0.145	1.40	3.09	0.76	0.50	5.76	1.66	3.12	10.54
Heavy Disk	21'	MFWD 170	29,911	180	10	0.097	0.93	2.34	0.80	0.39	4.47	1.76	2.53	8.78
Heavy Disk	27'	MFWD 190	34,304	180	10	0.075	0.72	2.03	0.72	0.30	3.78	1.57	1.95	7.32
LA Boom Sprayer	30 ft	MFWD 150	3,000	150	10	0.059	0.57	1.27	0.13	0.20	2.18	0.14	1.28	3.61
Land Plane	40'x10'	MFWD 190	6,020	200	10	0.242	2.32	6.52	0.29	0.96	10.11	0.79	6.28	17.19
Land Plane	50'x16'	MFWD 190	10,300	200	10	0.151	1.45	4.07	0.31	0.60	6.45	0.85	3.92	11.23
LARice Backhoe-Rrmnt	2 ft	MFWD 150	6,000	100	10	0.500	4.80	10.61	2.64	1.71	19.77	3.74	10.68	34.20
LARice Land Level	13 ft	MFWD 150	7,500	200	15	0.190	1.82	4.03	0.15	0.65	6.67	0.67	4.06	11.41
LARice Levee Plow	8 ft	4WD 300	4,600	150	10	0.050	0.48	2.12	0.07	0.30	2.98	0.19	1.99	5.17
LARice Water Level	24 ft	4WD 300	3,500	100	15	0.149	1.43	6.36	0.23	0.92	8.95	0.49	5.98	15.44
Levee Splitter (1/80	2 blade	2WD 150	6,760	50	10	0.004	0.04	0.08	0.00	0.01	0.14	0.06	0.08	0.29
Lo-Till & Bed	4R-38	MFWD 190	5,100	150	12	0.145	1.39	3.91	0.26	0.58	6.16	0.49	3.76	10.42
Middle Buster	6R-38	MFWD 150	11,700	160	8	0.120	1.15	2.55	0.32	0.41	4.44	1.07	2.56	8.08
Middle Buster	8R-30	MFWD 190	17,110	160	8	0.114	1.09	3.07	0.45	0.45	5.08	1.48	2.95	9.52
Middle Buster	8R-38	MFWD 190	15,500	160	8	0.090	0.86	2.42	0.32	0.35	3.98	1.06	2.33	7.38
Middle Buster	8R-40 2x1	MFWD 190	25,900	160	8	0.060	0.57	1.61	0.36	0.23	2.79	1.18	1.55	5.53
Middle Buster	10R-30	MFWD 225	27,000	160	8	0.091	0.87	2.90	0.57	0.46	4.82	1.87	2.99	9.69
Middle Buster	10R-38	MFWD 225	29,500	160	8	0.072	0.69	2.29	0.49	0.36	3.84	1.61	2.36	7.82
Middle Buster	12R-38	MFWD 225	25,900	160	8	0.060	0.57	1.91	0.36	0.30	3.15	1.18	1.97	6.31
Mulcher Plow	30'	MFWD 225	0	100	10	0.068	0.65	2.16	0.00	0.34	3.16	0.00	2.23	5.39
NT Grain Drill	12'	2WD 130	35,100	150	8	0.163	3.05	3.01	2.15	0.43	8.65	4.27	2.71	15.65
NT Grain Drill	15'	MFWD 150	38,600	150	8	0.130	2.44	2.78	1.89	0.44	7.56	3.75	2.79	14.12
NT Grain Drill	20'	MFWD 170	55,200	150	8	0.098	1.83	2.36	2.03	0.39	6.62	4.03	2.56	13.21
NT Grain Drill	24'	MFWD 190	74,200	150	8	0.081	1.52	2.20	2.27	0.32	6.33	4.51	2.11	12.96
NT Grain Drill	30'	MFWD 225	94,400	150	8	0.065	1.22	2.08	2.31	0.33	5.95	4.59	2.14	12.69
NT Grain Drill & Pre	12'	2WD 130	40,100	150	8	0.176	3.28	3.24	2.65	0.47	9.65	5.25	2.92	17.84
NT Grain Drill & Pre	15'	MFWD 150	43,600	150	8	0.141	2.63	2.99	2.30	0.48	8.41	4.57	3.01	16.00
NT Grain Drill & Pre	20'	MFWD 170	60,100	150	8	0.105	1.97	2.54	2.38	0.42	7.32	4.72	2.75	14.81
NT Grain Drill & Pre	24'	MFWD 190	79,100	150	8	0.088	1.64	2.37	2.61	0.35	6.98	5.18	2.28	14.44
NT Grain Drill & Pre	30'	MFWD 225	99,400	150	8	0.070	1.31	2.24	2.62	0.35	6.54	5.21	2.31	14.07
NT Plant&Pre-Folding	8R-38	MFWD 170	44,300	150	8	0.083	1.56	2.01	1.38	0.33	5.29	2.75	2.18	10.23

Appendix Table 9. Implements: estimated purchase price, annual use, useful life, performance rate, (Continued) and direct and fixed cost per acre, Louisiana 2011.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
NT Plant-Folding	8R-38 2x1	MFWD 170	65,700	150	8	0.051	0.96	1.24	1.27	0.20	3.68	2.52	1.34	7.56
NT Plant-Folding	10R-30	MFWD 190	52,061	150	8	0.078	1.46	2.11	1.53	0.31	5.42	3.04	2.03	10.50
NT Plant-Folding	10R-38	MFWD 190	47,646	150	8	0.061	1.15	1.66	1.10	0.24	4.17	2.19	1.60	7.97
NT Plant-Folding	12R-20	MFWD 190	61,800	150	8	0.098	1.83	2.64	2.27	0.39	7.14	4.51	2.54	14.19
NT Plant-Folding	12R-30	MFWD 190	64,100	150	8	0.065	1.22	1.76	1.57	0.26	4.81	3.12	1.69	9.63
NT Plant-Folding	12R-38	MFWD 190	65,900	150	8	0.061	0.96	1.39	1.27	0.20	3.83	2.53	1.33	7.71
NT Plant-Folding	16R-30	MFWD 190	89,800	150	8	0.049	0.91	1.32	1.65	0.19	4.08	3.28	1.27	8.63
NT Plant-Folding	23R-15	MFWD 190	106,000	150	8	0.068	1.27	1.83	2.71	0.27	6.08	5.37	1.76	13.23
NT Plant-Folding	24R-20	MFWD 190	120,000	150	8	0.049	0.91	1.32	2.20	0.19	4.64	4.38	1.27	10.29
NT Plant-Folding	24R-30	MFWD 190	141,000	150	8	0.032	0.61	0.88	1.73	0.13	3.35	3.43	0.84	7.63
NT Plant-Rigid	4R-30	2WD 130	20,100	150	8	0.196	3.66	3.61	1.48	0.52	9.28	2.93	3.26	15.48
NT Plant-Rigid	4R-38	2WD 130	21,600	150	8	0.154	2.88	2.84	1.25	0.41	7.39	2.48	2.56	12.45
NT Plant-Rigid	6R-30	MFWD 150	28,700	150	8	0.130	2.44	2.78	1.40	0.44	7.08	2.79	2.79	12.67
NT Plant-Rigid	6R-38	MFWD 150	26,700	150	8	0.103	1.92	2.19	1.03	0.35	5.51	2.05	2.21	9.77
NT Plant-Rigid	8R-22	MFWD 170	21,142	150	8	0.133	2.49	3.21	1.05	0.53	7.30	2.10	3.48	12.89
NT Plant-Rigid	8R-30	MFWD 170	35,200	150	8	0.098	1.83	2.36	1.29	0.39	5.88	2.57	2.56	11.01
NT Plant-Rigid	8R-38	MFWD 170	32,100	150	8	0.077	1.44	1.86	0.93	0.31	4.56	1.85	2.02	8.44
NT Plant-Rigid	10R-30	MFWD 190	34,700	150	8	0.078	1.46	2.11	1.02	0.31	4.91	2.02	2.03	8.97
NT Plant-Rigid	12R-20	MFWD 190	44,200	150	8	0.098	1.83	2.64	1.62	0.39	6.49	3.22	2.54	12.26
NT Plant-Rigid	12R-30	MFWD 190	50,300	150	8	0.065	1.22	1.76	1.23	0.26	4.47	2.44	1.69	8.62
Paratill & Bed	4R-30	MFWD 225	10,389	150	12	0.204	1.96	6.50	0.76	1.03	10.26	1.38	6.69	18.34
Paratill & Bed	4R-38	MFWD 225	11,137	150	12	0.160	1.54	5.12	0.64	0.81	8.12	1.16	5.27	14.56
Paratill & Bed	6R-30	MFWD 225	14,468	150	12	0.136	1.30	4.33	0.71	0.68	7.04	1.28	4.46	12.79
Paratill & Bed	6R-38	MFWD 225	17,739	150	12	0.107	1.03	3.42	0.68	0.54	5.68	1.24	3.52	10.45
Paratill & Bed	8R-30	MFWD 225	19,561	150	12	0.102	0.98	3.25	0.72	0.51	5.47	1.30	3.34	10.12
Paratill & Bed	8R382X1	MFWD 225	48,077	150	12	0.053	0.51	1.71	0.93	0.27	3.43	1.68	1.76	6.88
Paratill & Bed Fold.	8R-38	MFWD 225	50,300	150	12	0.080	0.77	2.57	1.46	0.40	5.22	2.64	2.64	10.51
Paratill & Bed Fold.	12R-38	MFWD 225	63,900	150	12	0.053	0.51	1.71	1.24	0.27	3.74	2.23	1.76	7.74
Paratill & Bed Rigid	8R-38	MFWD 225	22,200	150	12	0.080	0.77	2.57	0.64	0.40	4.40	1.16	2.64	8.21
Pipe Drag	30'		500	100	12	0.051	0.49	1.09	0.00	0.16	1.77	0.02	1.04	2.83
Pipe Spool 160ac	1/4m roll	2WD 130	3,470	15	12	0.003	0.08	0.05	0.00	0.00	0.15	0.07	0.05	0.28
Pipe Trailer 1m/160a	30'	2WD 130	1,100	100	15	0.003	0.17	0.06	0.00	0.01	0.25	0.00	0.06	0.31
Plant & Pre Folding	8R-38	MFWD 170	40,000	150	8	0.080	1.49	1.93	1.20	0.32	4.95	2.38	2.09	9.43
Plant & Pre Folding	8R38 2x1	MFWD 170	66,100	150	8	0.053	0.99	1.28	1.32	0.21	3.82	2.62	1.39	7.84
Plant & Pre Folding	10R-30	MFWD 190	52,920	150	8	0.081	1.51	2.18	1.61	0.32	5.63	3.19	2.10	10.93
Plant & Pre Folding	10R-38	MFWD 190	48,258	150	8	0.064	1.19	1.72	1.15	0.25	4.33	2.29	1.65	8.29
Plant & Pre Folding	12R-20	MFWD 190	60,400	150	8	0.101	1.89	2.73	2.29	0.40	7.32	4.56	2.62	14.52
Plant & Pre Folding	12R-30	MFWD 190	62,800	150	8	0.067	1.26	1.82	1.59	0.26	4.94	3.16	1.75	9.86
Plant & Pre Folding	12R-38	MFWD 190	66,100	150	8	0.053	0.99	1.43	1.32	0.21	3.97	2.62	1.38	7.98
Plant & Pre Folding	16R-30	MFWD 190	88,000	150	8	0.050	0.94	1.36	1.67	0.20	4.19	3.32	1.31	8.82
Plant & Pre Folding	23R-15	MFWD 190	98,500	150	8	0.070	1.31	1.89	2.60	0.28	6.09	5.16	1.82	13.08
Plant & Pre Folding	24R-20	MFWD 190	114,000	150	8	0.050	0.94	1.36	2.17	0.20	4.68	4.30	1.31	10.30
Plant & Pre Folding	24R-30	MFWD 190	138,000	150	8	0.033	0.63	0.91	1.75	0.13	3.42	3.47	0.87	7.77
Plant & Pre Rigid	4R-30	2WD 130	23,000	150	8	0.203	3.78	3.73	1.75	0.54	9.81	3.47	3.37	16.66
Plant & Pre Rigid	4R-38	2WD 130	24,500	150	8	0.159	2.98	2.94	1.46	0.42	7.82	2.91	2.65	13.39
Plant & Pre Rigid	6R-30	MFWD 150	31,500	150	8	0.135	2.52	2.87	1.59	0.46	7.46	3.17	2.89	13.53
Plant & Pre Rigid	6R-38	MFWD 150	28,500	150	8	0.106	1.99	2.26	1.14	0.36	5.77	2.26	2.28	10.32
Plant & Pre Rigid	8R-22	MFWD 170	23,550	150	8	0.138	2.57	3.32	1.22	0.55	7.67	2.41	3.60	13.69
Plant & Pre Rigid	8R-30	MFWD 170	36,000	150	8	0.101	1.89	2.44	1.37	0.40	6.11	2.71	2.64	11.48
Plant & Pre Rigid	8R-38	MFWD 170	32,900	150	8	0.080	1.49	1.93	0.99	0.32	4.74	1.96	2.09	8.79
Plant & Pre Rigid	10R-30	MFWD 190	34,400	150	8	0.081	1.51	2.18	1.04	0.32	5.07	2.07	2.10	9.25
Plant & Pre Rigid	12R-20	MFWD 190	42,900	150	8	0.101	1.89	2.73	1.63	0.40	6.66	3.24	2.62	12.53
Plant & Pre Rigid	12R-30	MFWD 190	49,000	150	8	0.067	1.26	1.82	1.24	0.26	4.59	2.46	1.75	8.81
Plant - Folding	8R-38	MFWD 170	35,100	150	8	0.074	1.39	1.79	0.98	0.29	4.46	1.94	1.94	8.35
Plant - Folding	8R-38 2x1	MFWD 170	59,600	150	8	0.049	0.92	1.19	1.10	0.19	3.42	2.19	1.29	6.92
Plant - Folding	10R-30	MFWD 190	47,426	150	8	0.075	1.40	2.02	1.34	0.30	5.07	2.66	1.95	9.69
Plant - Folding	10R-38	MFWD 190	43,011	150	8	0.059	1.11	1.59	0.95	0.23	3.90	1.90	1.54	7.34
Plant - Folding	12R-20	MFWD 190	55,440	150	8	0.094	1.75	2.53	1.96	0.37	6.63	3.88	2.44	12.96
Plant - Folding	12R-30	MFWD 190	57,800	150	8	0.062	1.17	1.69	1.36	0.25	4.47	2.70	1.62	8.80
Plant - Folding	12R-38	MFWD 190	59,600	150	8	0.049	0.92	1.33	1.10	0.19	3.56	2.19	1.28	7.05
Plant - Folding	16R-30	MFWD 190	81,400	150	8	0.047	0.87	1.26	1.43	0.18	3.77	2.85	1.22	7.84
Plant - Folding	23R-15	MFWD 190	93,500	150	8	0.065	1.22	1.76	2.29	0.26	5.53	4.55	1.69	11.78
Plant - Folding	24R-20	MFWD 190	108,000	150	8	0.047	0.87	1.26	1.90	0.18	4.24	3.78	1.22	9.25
Plant - Folding	24R-30	MFWD 190	128,100	150	8	0.031	0.58	0.84	1.50	0.12	3.06	2.99	0.81	6.87
Plant - Rigid	4R-30	2WD 130	18,000	150	8	0.188	3.51	3.46	1.27	0.50	8.76	2.52	3.13	14.42
Plant - Rigid	4R-38	2WD 130	19,500	150	8	0.148	2.77	2.73	1.08	0.39	6.98	2.15	2.46	11.60
Plant - Rigid	6R-30	MFWD 150	26,600	150	8	0.125	2.34	2.66	1.25	0.43	6.70	2.48	2.68	11.87
Plant - Rigid	6R-38	MFWD 150	23,500	150	8	0.099	1.85	2.10	0.87	0.34	5.17	1.73	2.12	9.03
Plant - Rigid	8R-22	MFWD 170	18,473	150	8	0.127	2.38	3.07	0.88	0.51	6.86	1.75	3.33	11.95
Plant - Rigid	8R-30	MFWD 170	31,000	150	8	0.094	1.75	2.26	1.09	0.37	5.50	2.17	2.45	10.13
Plant - Rigid	8R-38	MFWD 170	27,900	150	8	0.074	1.39	1.79	0.77	0.29	4.26	1.54	1.94	7.75
Plant - Rigid	10R-30	MFWD 190	29,400	150	8	0.075	1.40	2.02	0.83	0.30	4.56	1.64	1.95	8.17
Plant - Rigid	12R-20	MFWD 190	37,900	150	8	0.094	1.75	2.53	1.34	0.37	6.01	2.65	2.44	11.11
Plant - Rigid	12R-30	MFWD 190	44,000	150	8	0.062	1.17	1.69	1.03	0.25	4.15	2.05	1.62	7.83
Plant - Rigid	15R-15	2WD 150	43,200	150	8	0.094	1.75	2.00	1.52	0.30	5.59	3.02	1.89	10.51
Pull Levee (1m/80a))	4 blade	2WD 50	3,180	100	10	0.003	0.03	0.02	0.00	0.00	0.06	0.01	0.01	0.09

Appendix Table 9. Implements: estimated purchase price, annual use, useful life, performance rate, (Continued) and direct and fixed cost per acre, Louisiana 2011.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M--- Imp. P.U.	Total Direct	--Fixed-- Imp. P.U.	Total Cost		
			dollars	hours	years	hr/ac	-----\$/acre-----							
Rice Grain Cart	500 Bu	MFWD 190	16,979	200	12	0.057	0.54	1.53	0.26	0.22	2.57	0.47	1.47	4.52
Rice Grain Cart	700 Bu	MFWD 190	23,337	200	12	0.063	0.60	1.70	0.40	0.25	2.96	0.72	1.64	5.33
Roller	32'	MFWD 170	12,595	100	12	0.046	0.44	1.12	0.09	0.18	1.85	0.57	1.21	3.64
Rotary Cutter	7'	MFWD 130	3,920	185	10	0.168	1.61	3.09	0.53	0.48	5.73	0.39	3.01	9.14
Rotary Cutter	12'	2WD 150	10,100	185	10	0.098	0.94	2.08	0.80	0.31	4.14	0.58	1.97	6.70
Rotary Cutter	15'	MFWD 150	17,500	185	10	0.078	0.75	1.66	1.11	0.26	3.80	0.81	1.67	6.29
Row Cond & Inc	13'	2WD 130	11,100	100	10	0.137	1.94	2.53	0.38	0.36	5.23	1.67	2.29	9.20
Row Cond & Inc	21'	2WD 170	14,600	100	10	0.085	1.20	2.05	0.31	0.29	3.86	1.36	1.89	7.12
Row Cond & Inc	26'	MFWD 190	16,600	100	10	0.063	0.89	1.70	0.26	0.25	3.11	1.15	1.64	5.90
Row Cond & Inc	38'	MFWD 225	21,100	100	10	0.047	0.66	1.50	0.24	0.23	2.65	1.08	1.54	5.29
Row Cond & Inc	42'	MFWD 225	20,400	100	10	0.040	0.56	1.27	0.20	0.20	2.25	0.89	1.31	4.46
Row Cond (Harrow)	13'	2WD 130	6,100	100	10	0.114	1.10	2.11	0.17	0.30	3.69	0.76	1.90	6.37
Row Cond (Harrow)	21'	2WD 170	9,600	100	10	0.071	0.68	1.71	0.17	0.24	2.80	0.74	1.58	5.13
Row Cond (Harrow)	27'	MFWD 190	11,600	100	10	0.057	0.55	1.54	0.16	0.22	2.49	0.72	1.48	4.70
Row Cond (Harrow)	38'	MFWD 225	16,587	100	10	0.039	0.37	1.25	0.16	0.19	1.99	0.71	1.28	3.99
Row Cond (Harrow)	42'	MFWD 225	15,582	100	10	0.035	0.34	1.13	0.13	0.17	1.79	0.60	1.16	3.56
Row Cond (Plant)	13'	2WD 130	5,032	100	10	0.157	1.50	2.89	0.19	0.41	5.01	0.86	2.61	8.49
Row Cond (Plant)	21'	2WD 170	7,710	100	10	0.097	0.93	2.34	0.18	0.33	3.79	0.82	2.16	6.77
Row Cond (Plant)	27'	MFWD 190	9,476	100	10	0.078	0.75	2.11	0.18	0.31	3.36	0.81	2.03	6.21
Row Cond (Plant)	38'	MFWD 225	16,587	100	10	0.053	0.51	1.71	0.22	0.27	2.72	0.97	1.76	5.46
Row Cond (Plant)	42'	MFWD 225	15,582	100	10	0.048	0.46	1.54	0.18	0.24	2.45	0.82	1.59	4.87
RT Cult (Early)	8R-30	2WD 170	20,774	200	12	0.103	0.99	2.48	1.02	0.35	4.85	1.07	2.29	8.22
RT Cult (Early)	12R-30	2WD 190	29,998	200	12	0.068	0.66	1.84	0.98	0.23	3.73	1.03	1.53	6.30
RT Cult (Late)	8R-30	2WD 170	20,774	200	12	0.128	1.23	3.10	1.28	0.44	6.06	1.34	2.86	10.27
RT Cult (Late)	12R-30	2WD 190	29,998	200	12	0.085	0.82	2.31	1.23	0.29	4.66	1.29	1.91	7.88
RT Cult + PD (Early)	8R-30	2WD 150	26,264	200	12	0.110	1.55	2.33	1.38	0.35	5.62	1.45	2.21	9.29
RT Cult + PD (Early)	12R-30	MFWD 225	35,493	200	12	0.073	1.03	2.33	1.24	0.36	4.98	1.31	2.40	8.70
RT Cult + PD (Late)	8R-30	2WD 170	26,264	200	12	0.137	1.94	3.30	1.73	0.47	7.45	1.81	3.05	12.32
RT Cult + PD (Late)	12R-30	2WD 190	35,493	200	12	0.091	1.29	2.46	1.55	0.31	5.63	1.63	2.04	9.32
Spin Spreader	5 ton	MFWD 190	10,600	100	8	0.042	0.78	1.13	0.25	0.16	2.33	0.52	1.08	3.94
Spin Spreader	5 ton	MFWD 190	10,600	100	8	0.042	0.78	1.13	0.25	0.16	2.33	0.52	1.08	3.94
Spray (Band)	27'	MFWD 170	4,990	200	8	0.062	0.88	1.50	0.14	0.25	2.79	0.18	1.63	4.60
Spray (Band)	40'	MFWD 170	6,560	200	8	0.042	0.59	1.01	0.13	0.16	1.91	0.16	1.10	3.18
Spray (Band)	50'	MFWD 170	7,140	200	8	0.033	0.47	0.81	0.11	0.13	1.54	0.14	0.88	2.56
Spray (Band)	53'	MFWD 170	7,500	200	8	0.031	0.45	0.76	0.11	0.12	1.45	0.13	0.83	2.43
Spray (Band)	60'	MFWD 170	9,580	200	8	0.028	0.39	0.67	0.12	0.11	1.31	0.15	0.73	2.21
Spray (Bcast/HB)	13' Rigid	MFWD 150	5,070	200	8	0.130	1.83	2.76	0.30	0.44	5.35	0.38	2.78	8.52
Spray (Bcast/HB)	20' Rigid	2WD 50	5,960	200	8	0.084	1.19	0.59	0.23	0.05	2.09	0.29	0.37	2.75
Spray (Bcast/HB)	27' Fold	MFWD 170	9,910	200	8	0.062	0.88	1.50	0.29	0.25	2.93	0.36	1.63	4.93
Spray (Bcast/HB)	27' Rigid	MFWD 170	6,850	200	8	0.062	0.88	1.50	0.20	0.25	2.84	0.25	1.63	4.73
Spray (Bcast/HB)	30' Fold	MFWD 170	13,000	200	8	0.056	0.79	1.35	0.34	0.22	2.72	0.42	1.47	4.62
Spray (Bcast/HB)	40' Fold	MFWD 170	13,800	200	8	0.042	0.59	1.01	0.27	0.16	2.05	0.34	1.10	3.50
Spray (Bcast/HB/HD)	27'	MFWD 170	20,500	200	8	0.062	0.88	1.50	0.60	0.25	3.24	0.74	1.63	5.63
Spray (Bcast/HB/HD)	40'	MFWD 170	24,400	200	8	0.042	0.59	1.01	0.48	0.16	2.26	0.60	1.10	3.97
Spray (Broadcast)	27'	MFWD 170	4,990	200	8	0.062	0.88	1.50	0.14	0.25	2.79	0.18	1.63	4.60
Spray (Broadcast)	40'	MFWD 170	6,560	200	8	0.042	0.59	1.01	0.13	0.16	1.91	0.16	1.10	3.18
Spray (Broadcast)	50'	MFWD 170	7,140	200	8	0.033	0.47	0.81	0.11	0.13	1.54	0.14	0.88	2.56
Spray (Broadcast)	53'	MFWD 170	7,500	200	8	0.031	0.45	0.76	0.11	0.12	1.45	0.13	0.83	2.43
Spray (Broadcast)	60'	MFWD 170	9,580	200	8	0.028	0.39	0.67	0.12	0.11	1.31	0.15	0.73	2.21
Spray (Direct/Hood)	8R-30	MFWD 170	14,500	200	8	0.084	1.19	2.03	0.57	0.33	4.14	0.71	2.20	7.06
Spray (Direct/Hood)	8R-38	MFWD 170	15,700	200	8	0.066	0.94	1.60	0.49	0.26	3.31	0.61	1.74	5.67
Spray (Direct/Hood)	12R-30	MFWD 170	18,400	200	8	0.056	0.79	1.35	0.48	0.22	2.86	0.60	1.47	4.94
Spray (Direct/Hood)	12R-38	MFWD 170	18,800	200	8	0.044	0.62	1.07	0.39	0.17	2.27	0.48	1.16	3.92
Spray (Direct/Layby)	8R-30	MFWD 170	10,500	200	8	0.084	1.19	2.03	0.41	0.33	3.98	0.51	2.20	6.71
Spray (Direct/Layby)	8R-38	MFWD 170	11,000	200	8	0.066	0.94	1.60	0.34	0.26	3.16	0.42	1.74	5.34
Spray (Direct/Layby)	8R-38 2x1	MFWD 170	21,100	200	8	0.044	0.62	1.07	0.44	0.17	2.31	0.54	1.16	4.02
Spray (Direct/Layby)	10R-30	MFWD 170	12,200	200	8	0.067	0.95	1.62	0.38	0.27	3.24	0.48	1.76	5.49
Spray (Direct/Layby)	12R-30	MFWD 170	15,400	200	8	0.056	0.79	1.35	0.40	0.22	2.78	0.50	1.47	4.76
Spray (Direct/Layby)	12R-38	MFWD 170	21,100	200	8	0.044	0.62	1.07	0.44	0.17	2.31	0.54	1.16	4.02
Spray (Direct/Layby)	16R-20	MFWD 170	9,840	200	8	0.063	0.89	1.52	0.29	0.25	2.96	0.36	1.65	4.98
Spray (Spot)	27'	MFWD 170	4,990	200	8	0.062	0.88	1.50	0.14	0.25	2.79	0.18	1.63	4.60
Spray (Spot)	40'	MFWD 170	6,560	200	8	0.042	0.59	1.01	0.13	0.16	1.91	0.16	1.10	3.18
Spray (Spot)	50'	MFWD 170	7,140	200	8	0.033	0.47	0.81	0.11	0.13	1.54	0.14	0.88	2.56
Spray (Spot)	53'	MFWD 170	7,500	200	8	0.031	0.45	0.76	0.11	0.12	1.45	0.13	0.83	2.43
Spray (Spot)	60'	MFWD 170	9,580	200	8	0.028	0.39	0.67	0.12	0.11	1.31	0.15	0.73	2.21
Stalk Shredder	14'	MFWD 150	12,000	200	10	0.117	1.13	2.50	1.23	0.40	5.27	0.77	2.51	8.56
Stalk Shredder	20'	MFWD 150	30,200	200	10	0.082	0.79	1.75	2.18	0.28	5.00	1.36	1.76	8.13
Stalk Shredder-Flail	12'	MFWD 150	14,400	200	10	0.137	1.32	2.91	1.73	0.47	6.44	1.08	2.93	10.46
Stalk Shredder-Flail	20'	MFWD 150	23,500	200	10	0.082	0.79	1.75	1.69	0.28	4.52	1.06	1.76	7.34
Subsoiler	3 shank	MFWD 190	3,360	100	15	0.204	1.96	5.49	0.22	0.81	8.49	0.59	5.29	14.38
Subsoiler	4 shank	MFWD 225	6,390	100	15	0.153	1.47	4.89	0.32	0.77	7.46	0.84	5.03	13.35
Subsoiler	5 shank	MFWD 225	6,610	100	15	0.122	1.17	3.89	0.26	0.61	5.95	0.69	4.01	10.66
Subsoiler low-till	4 shank	MFWD 225	10,580	100	15	0.153	1.47	4.89	0.54	0.77	7.68	1.40	5.03	14.12
Subsoiler low-till	6 shank	MFWD 225	15,100	100	15	0.102	0.98	3.25	0.51	0.51	5.26	1.33	3.34	9.94
Subsoiler low-till	8 shank	MFWD 225	18,000	100	15	0.076	0.73	2.43	0.45	0.38	4.01	1.18	2.50	7.71
TerraTill Bed w/roll	4R-38	MFWD 225	14,300	150	12	0.160	1.54	5.12	0.83	0.81	8.31	1.49	5.27	15.08

Appendix Table 9. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana 2011.
(Continued)

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
			dollars	hours	years	hr/ac	-----\$/acre-----							
TerraTill Bed w/roll	6R-38	MFWD 225	19,400	150	12	0.107	1.03	3.42	0.75	0.54	5.75	1.35	3.52	10.63
TerraTill Bed w/roll	4R-30	MFWD 225	14,300	150	12	0.204	1.96	6.50	1.05	1.03	10.55	1.90	6.69	19.15
TerraTill Bed w/roll	6R-30	MFWD 225	15,310	150	12	0.136	1.30	4.33	0.75	0.68	7.08	1.35	4.46	12.91

