

# **Projected Costs and Returns Crop Enterprise Budgets for Rice Production in Louisiana, 2022**

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# PROJECTED COSTS AND RETURNS CROP ENTERPRISE BUDGETS FOR RICE PRODUCTION IN LOUISIANA, 2022

by

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## Introduction

This publication presents estimates of projected costs and returns for rice production in Louisiana for the 2022 crop year. Crop producers 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 annual crop production plans by producers 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 planning information regarding crop production costs and market returns for the 2022 crop year.

Crop enterprise budgets in this report are presented in two budget formats. The first budget format (table A) is a summary of costs and returns for the crop enterprise. The second budget format (table B) provides a table listing the sequence of production operations, indicating the equipment and implements 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.

## 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 crop enterprises produced in Louisiana. Input prices were obtained from surveys of farm suppliers, machinery dealers, and aerial applicators to provide a basis for estimating 2022 planning 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.

Due to the detailed nature of the cost computations, a computerized budget generator procedure was utilized. The Mississippi State Budget Generator Program, developed at Mississippi State University, is utilized by the LSU Agricultural Center in developing these crop enterprise costs and returns budgets. The budget generator provides a standard format for crop and livestock budgets and this

computational procedure is widely accepted for estimating projected commodity costs and returns information for upcoming crop year planning purposes.

### ***Expected Crop Yields and Market Prices***

Projected crop enterprise budgets in this report include a calculation of expected market returns for the crop. Expected crop yields and market prices are selected at the beginning of the crop year. Projected crop yields are determined based on recent production history for expected yield given normal weather conditions. Projected market prices are specified as expected marketing year average prices for the commodity, based on harvest time futures price quotes as well as other market information at the beginning of the crop year. No estimate of income from farm program participation or crop insurance is included in this budgets due to the wide variety of farm program and crop insurance choices available to producers.

### ***Direct Production Costs***

Direct or variable production costs were estimated by utilizing updated crop production input price data. Input price data for various crop production inputs were updated by obtaining prices from farm input suppliers in the fall and winter prior to the crop year. 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 the appendix.

Hired labor was charged at \$11.88 per hour for all classes of labor except for harvest machinery and laser leveling operator labor. This wage rate include a basic wage rate plus additional costs for social security, Medicare, and workman's compensation. Operator labor was charged at \$15.30 per hour, which includes a basic wage rate plus additional costs for social security, Medicare, and workman's compensation. 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. 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 crop enterprises on a per acre basis.

Interest on operating capital (short term) was charged at a nominal rate of 3.50% per year. Operating capital was assumed to be borrowed in a manner consistent with timely acquisition of inputs. Fuel prices for diesel was \$2.84 per gallon. 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 4.00%. 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.

### ***Farm 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. Machinery fixed costs are calculated using the capital recovery method which includes estimates of both annual depreciation and interest on investment.

### **Overhead Costs**

Overhead costs reflect significant expenses associated with the operation of the entire farm business, but are not necessarily attributable to a specific crop enterprise. Examples of farm overhead costs include tax services, record keeping, utilities, farmstead maintenance, and insurance and property taxes where applicable. General farm overhead costs can vary greatly from farm to farm based on many factors including farm size, land tenure and crop production technology utilized. As the primary purpose of this report is to estimate production costs associated with a specific commodity, no charges for general farm overhead are included.

### **Land and Management Charges**

The estimated production expenses included in this report include only direct and fixed expenses associated with the production of the specific crop enterprise. Labor charges included in the enterprise budgets only include charges for field labor. No charges for management are included. In addition, no charges for land are included in the enterprise cost tables. Following each set of enterprise cost tables, two sets of net return tables are included. One set, representing owner operators, includes estimates of net returns above direct and total specified costs, which would represent returns to land, management and general farm overhead. Another set, representing tenant operators, includes estimates net returns above direct and total specified costs with a crop share taken out of revenue, representing net returns to management and general farm overhead.

### **Acknowledgments**

Several individuals were instrumental in making this report possible. The authors are particularly indebted to Louisiana crop producers and LSU Agricultural Center Extension Service agents and Experiment Station scientists for their cooperation and assistance in providing specific production practice information, as well as farm suppliers and agribusiness firms for supplying input price information. This work is supported in part by the U.S.D.A. National Institute of Food and Agriculture, Hatch Project 1014068.

### **Internet Access**

This publication, along with projected costs and returns reports for other major agricultural crop commodities produced in Louisiana, as well as other farm management publications, are available on the Internet on the LSU AgCenter web page under the “*Extension and Outreach*” section of the Department of Agricultural Economics and Agribusiness web page. These projected costs and returns reports are also available on the LSU Ag Center crop commodities web pages. The web address for the LSU AgCenter is: [www.lsuagcenter.com](http://www.lsuagcenter.com)

Table 1.A Estimated costs per acre,  
Rice, Conventional Variety, Water Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

| ITEM                     | UNIT | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--------------------------|------|---------|----------|---------|-----------|
|                          |      | dollars |          | dollars |           |
| DIRECT EXPENSES          |      |         |          |         |           |
| CUSTOM SPRAY             |      |         |          |         |           |
| LARice GPS Charge-SW     | acre | 0.35    | 9.0000   | 3.15    | _____     |
| App by Air ( 5 gal)      | appl | 7.00    | 5.0000   | 35.00   | _____     |
| GIN/DRY                  |      |         |          |         |           |
| LARice Dry               | cwt  | 0.90    | 77.7000  | 69.93   | _____     |
| FERTILIZERS              |      |         |          |         |           |
| LA Nitrogen              | lb   | 0.76    | 130.0000 | 98.80   | _____     |
| LA Phosphate             | lb   | 0.65    | 40.0000  | 26.00   | _____     |
| LA Potash                | lb   | 0.58    | 60.0000  | 34.80   | _____     |
| FUNGICIDES               |      |         |          |         |           |
| Quadris                  | oz   | 2.72    | 10.0000  | 27.20   | _____     |
| HERBICIDES               |      |         |          |         |           |
| Facet 75DF               | lb   | 50.00   | 0.5000   | 25.00   | _____     |
| Londax 60DF              | oz   | 18.08   | 1.0000   | 18.08   | _____     |
| 2,4-D Amine 4            | pt   | 1.81    | 2.5000   | 4.53    | _____     |
| INSECTICIDES             |      |         |          |         |           |
| Karate Z                 | oz   | 1.41    | 4.0000   | 5.64    | _____     |
| IRRIGATION SUPPLIES      |      |         |          |         |           |
| Rice Gates               | each | 3.65    | 1.0000   | 3.65    | _____     |
| SEED/PLANTS              |      |         |          |         |           |
| Rice Seed Conv.          | lb   | 0.35    | 120.0000 | 42.00   | _____     |
| Seed Tmt                 | oz   | 0.30    | 21.6000  | 6.48    | _____     |
| SERVICE FEE              |      |         |          |         |           |
| Digital Ag Fee           | acre | 8.50    | 1.0000   | 8.50    | _____     |
| CUSTOM FERT/LIME         |      |         |          |         |           |
| App Fert by Air          | cwt  | 7.50    | 3.8000   | 28.50   | _____     |
| CUSTOM PLANT             |      |         |          |         |           |
| LARice Air Plant SW      | cwt  | 5.60    | 1.2000   | 6.72    | _____     |
| CUSTOM HARVEST/HAUL      |      |         |          |         |           |
| LARice Haul              | cwt  | 0.30    | 70.0000  | 21.00   | _____     |
| LA OPERATOR LABOR        |      |         |          |         |           |
| Self-Propelled           | hour | 15.30   | 0.3303   | 5.05    | _____     |
| LA Hired Labor           |      |         |          |         |           |
| Tractors                 | hour | 11.88   | 0.8574   | 10.20   | _____     |
| LA Irrigation Labor      |      |         |          |         |           |
| Irrigation System 1      | hour | 11.88   | 0.2153   | 2.55    | _____     |
| DIESEL FUEL              |      |         |          |         |           |
| Tractors                 | gal  | 2.84    | 10.5417  | 29.95   | _____     |
| Self-Propelled           | gal  | 2.84    | 2.5825   | 7.33    | _____     |
| Irrigation System 1      | gal  | 2.84    | 32.8389  | 93.25   | _____     |
| REPAIR & MAINTENANCE     |      |         |          |         |           |
| Implements               | acre | 3.95    | 1.0000   | 3.95    | _____     |
| Tractors                 | acre | 5.99    | 1.0000   | 5.99    | _____     |
| Self-Propelled           | acre | 14.53   | 1.0000   | 14.53   | _____     |
| Irrigation System 1      | acre | 3.75    | 1.0000   | 3.75    | _____     |
| INTEREST ON OP. CAP.     | acre | 9.23    | 1.0000   | 9.23    | _____     |
|                          |      |         |          | -----   |           |
| TOTAL DIRECT EXPENSES    |      |         |          | 650.76  | _____     |
| FIXED EXPENSES           |      |         |          |         |           |
| Implements               | acre | 8.15    | 1.0000   | 8.15    | _____     |
| Tractors                 | acre | 35.06   | 1.0000   | 35.06   | _____     |
| Self-Propelled           | acre | 20.89   | 1.0000   | 20.89   | _____     |
| Irrigation System 1      | acre | 31.19   | 1.0000   | 31.19   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL FIXED EXPENSES     |      |         |          | 95.29   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL SPECIFIED EXPENSES |      |         |          | 746.05  | _____     |

Table 1.B Estimated resource use and costs for field operations, per acre, Rice, Conventional Variety, Water Plant, Conventional Tillage, (In Rotation), Southwest Louisiana, 2022.

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | POWER UNIT<br>SIZE | PERF<br>RATE | TIMES<br>OVER | MTH | POWER UNIT COST   |       | EQUIPMENT COST |       | ALLOC LABOR |       | OPERATING/DURABLE INPUT |       |       | TOTAL<br>COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|-------|-------------------------|-------|-------|---------------|
|                               |               |                    |              |               |     | DIRECT            | FIXED | DIRECT         | FIXED | HOURS       | COST  | AMOUNT                  | PRICE | COST  |               |
|                               |               |                    |              |               |     | -----dollars----- |       |                |       | dollars     |       | -----dollars-----       |       |       |               |
| Disk Harrow                   | 32'           | 4WD 225            | 0.061        | 2.00          | Nov | 4.60              | 3.33  | 2.13           | 4.20  | 0.12        | 1.46  |                         |       |       | 15.72         |
| LARice Levee Plow             | 8 ft          | 4WD 300            | 0.050        | 2.00          | Nov | 5.32              | 5.49  | 0.15           | 0.35  | 0.10        | 1.19  |                         |       |       | 12.50         |
| Blade-Scraper                 | 10'           | MFWD 150           | 1.176        | 0.09          | Nov | 2.79              | 2.65  | 0.19           | 0.14  | 0.10        | 1.26  |                         |       |       | 7.03          |
| Ditcher                       |               | MFWD 150           | 0.020        | 1.00          | Nov | 0.53              | 0.50  | 0.05           | 0.06  | 0.02        | 0.24  |                         |       |       | 1.38          |
| Field Cultivate               | 32'           | 4WD 300            | 0.046        | 1.00          | Feb | 2.48              | 2.56  | 0.51           | 2.00  | 0.04        | 0.55  |                         |       |       | 8.10          |
| App Fert by Air               | cwt           |                    |              | 1.00          | Feb |                   |       |                |       |             |       | 1.5000                  | 7.50  | 11.25 | 11.25         |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 70.0000                 | 0.76  | 53.20 | 53.20         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35  | 0.35          |
| App Fert by Air               | cwt           |                    |              | 1.00          | Feb |                   |       |                |       |             |       | 1.0000                  | 7.50  | 7.50  | 7.50          |
| LA Phosphate                  | lb            |                    |              |               |     |                   |       |                |       |             |       | 40.0000                 | 0.65  | 26.00 | 26.00         |
| LA Potash                     | lb            |                    |              |               |     |                   |       |                |       |             |       | 60.0000                 | 0.58  | 34.80 | 34.80         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35  | 0.35          |
| Ditcher                       |               | MFWD 150           | 0.020        | 1.00          | Feb | 0.53              | 0.50  | 0.05           | 0.06  | 0.02        | 0.24  |                         |       |       | 1.38          |
| Blade-Scraper                 | 10'           | MFWD 150           | 1.176        | 0.09          | Feb | 2.79              | 2.65  | 0.19           | 0.14  | 0.10        | 1.26  |                         |       |       | 7.03          |
| 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 | 0.66              | 0.63  | 0.13           | 0.17  | 0.02        | 0.30  |                         |       |       | 1.89          |
| LARice Water Level            | 24 ft         | 4WD 300            | 0.149        | 2.00          | Feb | 15.94             | 16.46 | 0.46           | 0.89  | 0.29        | 3.56  |                         |       |       | 37.31         |
| LARice Air Plant SW           | cwt           |                    |              | 1.00          | Apr |                   |       |                |       |             |       | 1.2000                  | 5.60  | 6.72  | 6.72          |
| Rice Seed Conv.               | lb            |                    |              |               |     |                   |       |                |       |             |       | 120.0000                | 0.35  | 42.00 | 42.00         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35  | 0.35          |
| Seed Tmt                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 21.6000                 | 0.30  | 6.48  | 6.48          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Apr |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00  | 7.00          |
| Karate Z                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 2.0000                  | 1.41  | 2.82  | 2.82          |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35  | 0.35          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Apr |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00  | 7.00          |
| Facet 75DF                    | lb            |                    |              |               |     |                   |       |                |       |             |       | 0.5000                  | 50.00 | 25.00 | 25.00         |
| Londax 60DF                   | oz            |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 18.08 | 18.08 | 18.08         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35  | 0.35          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00  | 7.00          |
| 2,4-D Amine 4                 | pt            |                    |              |               |     |                   |       |                |       |             |       | 2.5000                  | 1.81  | 4.53  | 4.53          |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35  | 0.35          |
| App Fert by Air               | cwt           |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.3000                  | 7.50  | 9.75  | 9.75          |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 60.0000                 | 0.76  | 45.60 | 45.60         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35  | 0.35          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00  | 7.00          |
| Quadris                       | oz            |                    |              |               |     |                   |       |                |       |             |       | 10.0000                 | 2.72  | 27.20 | 27.20         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35  | 0.35          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jul |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00  | 7.00          |
| Karate Z                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 2.0000                  | 1.41  | 2.82  | 2.82          |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35  | 0.35          |
| LA Rice Combine               | 25 ft         |                    | 0.300        | 1.00          | Aug | 21.86             | 20.89 |                |       | 0.33        | 5.05  |                         |       |       | 47.80         |
| Rice Grain Cart               | 500 Bu        | MFWD 150           | 0.057        | 0.20          | Aug | 0.30              | 0.29  | 0.09           | 0.14  | 0.01        | 0.14  |                         |       |       | 0.96          |
| LARice Haul                   | cwt           |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 70.0000                 | 0.30  | 21.00 | 21.00         |
| LARice Dry                    | cwt           |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 77.7000                 | 0.90  | 69.93 | 69.93         |
| Digital Ag Fee                | acre          |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 1.0000                  | 8.50  | 8.50  | 8.50          |
| Irrigation System 1           | acre          |                    |              |               | Mar |                   |       | 97.00          | 31.19 | 0.21        | 2.55  | 1.0000                  |       |       | 130.74        |
|                               |               |                    |              |               |     | 57.80             | 55.95 | 100.95         | 39.34 | 1.40        | 17.80 |                         |       |       |               |
| TOTALS                        |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |       |               |
| INTEREST ON OPERATING CAPITAL |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |       |               |
| UNALLOCATED LABOR             |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |       |               |
| TOTAL SPECIFIED COST          |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |       |               |

Table 1.C1 Estimated Net Returns above Direct Costs for an Owner Operator  
Rice, Conventional Variety, Water Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|                       |        | Percent                    |         |         |         |         |         |         |         |         |
|-----------------------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                       |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield                 |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent               | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
| ----- (\$/acre) ----- |        |                            |         |         |         |         |         |         |         |         |
| 80%                   | 56.0   | -51                        | -19     | 13      | 45      | 77      | 108     | 140     | 172     | 204     |
| 85%                   | 59.5   | -14                        | 20      | 54      | 88      | 122     | 156     | 190     | 224     | 258     |
| 90%                   | 63.0   | 22                         | 58      | 95      | 131     | 168     | 204     | 240     | 277     | 313     |
| 95%                   | 66.5   | 59                         | 97      | 136     | 174     | 213     | 252     | 290     | 329     | 368     |
| 100%                  | 70.0   | 95                         | 136     | 177     | 218     | 259     | 300     | 340     | 381     | 422     |
| 105%                  | 73.5   | 131                        | 175     | 218     | 261     | 304     | 347     | 391     | 434     | 477     |
| 110%                  | 77.0   | 168                        | 213     | 259     | 304     | 350     | 395     | 441     | 486     | 531     |
| 115%                  | 80.5   | 204                        | 252     | 300     | 347     | 395     | 443     | 491     | 538     | 586     |
| 120%                  | 84.0   | 241                        | 291     | 341     | 391     | 441     | 491     | 541     | 591     | 641     |

Net returns above direct costs for an owner operator is calculated here as market revenue less direct production costs. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses.

Table 1.C2 Estimated Net Returns above Total Specified Costs for an Owner Operator  
Rice, Conventional Variety, Water Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|                       |        | Percent                    |         |         |         |         |         |         |         |         |
|-----------------------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                       |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield                 |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent               | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
| ----- (\$/acre) ----- |        |                            |         |         |         |         |         |         |         |         |
| 80%                   | 56.0   | -146                       | -114    | -82     | -51     | -19     | 13      | 45      | 77      | 109     |
| 85%                   | 59.5   | -110                       | -75     | -41     | -7      | 27      | 61      | 95      | 129     | 163     |
| 90%                   | 63.0   | -73                        | -37     | 0       | 36      | 72      | 109     | 145     | 181     | 218     |
| 95%                   | 66.5   | -37                        | 2       | 41      | 79      | 118     | 156     | 195     | 234     | 272     |
| 100%                  | 70.0   | 0                          | 41      | 81      | 122     | 163     | 204     | 245     | 286     | 327     |
| 105%                  | 73.5   | 36                         | 79      | 122     | 166     | 209     | 252     | 295     | 338     | 382     |
| 110%                  | 77.0   | 72                         | 118     | 163     | 209     | 254     | 300     | 345     | 391     | 436     |
| 115%                  | 80.5   | 109                        | 157     | 204     | 252     | 300     | 348     | 395     | 443     | 491     |
| 120%                  | 84.0   | 145                        | 195     | 245     | 295     | 345     | 395     | 445     | 495     | 545     |

Net returns above total specified costs for an owner operator is calculated here as market revenue less total specified costs. Specified costs include charges for direct costs and fixed machinery costs but excludes charges for land, general farm overhead and management expenses.

Table 1.D1 Estimated Net Returns above Direct Costs for a Tenant Operator  
Rice, Conventional Variety, Water Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | ----- (\$/acre) -----      |         |         |         |         |         |         |         |         |
| 80%     | 56.0   | -110                       | -88     | -66     | -43     | -21     | 1       | 23      | 46      | 68      |
| 85%     | 59.5   | -85                        | -61     | -37     | -13     | 11      | 35      | 59      | 82      | 106     |
| 90%     | 63.0   | -59                        | -34     | -8      | 17      | 43      | 68      | 94      | 119     | 144     |
| 95%     | 66.5   | -34                        | -7      | 20      | 47      | 74      | 102     | 129     | 156     | 183     |
| 100%    | 70.0   | -8                         | 20      | 49      | 78      | 106     | 135     | 164     | 192     | 221     |
| 105%    | 73.5   | 17                         | 47      | 78      | 108     | 138     | 168     | 199     | 229     | 259     |
| 110%    | 77.0   | 43                         | 75      | 106     | 138     | 170     | 202     | 234     | 266     | 297     |
| 115%    | 80.5   | 68                         | 102     | 135     | 168     | 202     | 235     | 269     | 302     | 336     |
| 120%    | 84.0   | 94                         | 129     | 164     | 199     | 234     | 269     | 304     | 339     | 374     |

Net returns above direct costs for a tenant operator is calculated here as the grower's share of market revenue less direct production costs paid by the grower. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Table 1.D2 Estimated Net Returns above Total Specified Costs for a Tenant Operator  
Rice, Conventional Variety, Water Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | ----- (\$/acre) -----      |         |         |         |         |         |         |         |         |
| 80%     | 56.0   | -174                       | -152    | -130    | -107    | -85     | -63     | -41     | -18     | 4       |
| 85%     | 59.5   | -149                       | -125    | -101    | -77     | -53     | -29     | -6      | 18      | 42      |
| 90%     | 63.0   | -123                       | -98     | -72     | -47     | -21     | 4       | 29      | 55      | 80      |
| 95%     | 66.5   | -98                        | -71     | -44     | -17     | 10      | 37      | 64      | 92      | 119     |
| 100%    | 70.0   | -72                        | -44     | -15     | 14      | 42      | 71      | 100     | 128     | 157     |
| 105%    | 73.5   | -47                        | -17     | 14      | 44      | 74      | 104     | 135     | 165     | 195     |
| 110%    | 77.0   | -21                        | 10      | 42      | 74      | 106     | 138     | 170     | 201     | 233     |
| 115%    | 80.5   | 4                          | 38      | 71      | 104     | 138     | 171     | 205     | 238     | 271     |
| 120%    | 84.0   | 30                         | 65      | 100     | 135     | 170     | 205     | 240     | 275     | 310     |

Net returns above total specified costs for a tenant operator is calculated here as the grower's share of market revenue less total specified costs paid by the grower. Specified costs include charges for direct costs and fixed machinery costs but exclude charges for general farm overhead and management expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Table 2.A Estimated costs per acre,  
Rice, Clearfield Variety, Water Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

| ITEM                     | UNIT | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--------------------------|------|---------|----------|---------|-----------|
|                          |      | dollars |          | dollars |           |
| DIRECT EXPENSES          |      |         |          |         |           |
| CUSTOM SPRAY             |      |         |          |         |           |
| LARice GPS Charge-SW     | acre | 0.35    | 9.0000   | 3.15    | _____     |
| App by Air ( 5 gal)      | appl | 7.00    | 5.0000   | 35.00   | _____     |
| GIN/DRY                  |      |         |          |         |           |
| LARice Dry               | cwt  | 0.90    | 77.7000  | 69.93   | _____     |
| FERTILIZERS              |      |         |          |         |           |
| LA Nitrogen              | lb   | 0.76    | 130.0000 | 98.80   | _____     |
| LA Phosphate             | lb   | 0.65    | 40.0000  | 26.00   | _____     |
| LA Potash                | lb   | 0.58    | 60.0000  | 34.80   | _____     |
| FUNGICIDES               |      |         |          |         |           |
| Quadris                  | oz   | 2.72    | 10.0000  | 27.20   | _____     |
| HERBICIDES               |      |         |          |         |           |
| Newpath 2SL              | oz   | 3.83    | 8.0000   | 30.64   | _____     |
| Aim 2EC                  | oz   | 5.31    | 1.6000   | 8.50    | _____     |
| INSECTICIDES             |      |         |          |         |           |
| Karate Z                 | oz   | 1.41    | 4.0000   | 5.64    | _____     |
| IRRIGATION SUPPLIES      |      |         |          |         |           |
| Rice Gates               | each | 3.65    | 1.0000   | 3.65    | _____     |
| SEED/PLANTS              |      |         |          |         |           |
| Rice Clearfield 161      | lb   | 1.15    | 100.0000 | 115.00  | _____     |
| Seed Tmt                 | oz   | 0.30    | 18.0000  | 5.40    | _____     |
| SERVICE FEE              |      |         |          |         |           |
| Digital Ag Fee           | acre | 8.50    | 1.0000   | 8.50    | _____     |
| CUSTOM FERT/LIME         |      |         |          |         |           |
| App Fert by Air          | cwt  | 7.50    | 3.8000   | 28.50   | _____     |
| CUSTOM PLANT             |      |         |          |         |           |
| LARice Air Plant SW      | cwt  | 5.60    | 1.0000   | 5.60    | _____     |
| CUSTOM HARVEST/HAUL      |      |         |          |         |           |
| LARice Haul              | cwt  | 0.30    | 70.0000  | 21.00   | _____     |
| LA OPERATOR LABOR        |      |         |          |         |           |
| Self-Propelled           | hour | 15.30   | 0.3303   | 5.05    | _____     |
| LA Hired Labor           |      |         |          |         |           |
| Tractors                 | hour | 11.88   | 0.8574   | 10.20   | _____     |
| LA Irrigation Labor      |      |         |          |         |           |
| Irrigation System 1      | hour | 11.88   | 0.2153   | 2.55    | _____     |
| DIESEL FUEL              |      |         |          |         |           |
| Tractors                 | gal  | 2.84    | 11.0156  | 31.29   | _____     |
| Self-Propelled           | gal  | 2.84    | 2.5825   | 7.33    | _____     |
| Irrigation System 1      | gal  | 2.84    | 32.8389  | 93.25   | _____     |
| REPAIR & MAINTENANCE     |      |         |          |         |           |
| Implements               | acre | 3.95    | 1.0000   | 3.95    | _____     |
| Tractors                 | acre | 6.57    | 1.0000   | 6.57    | _____     |
| Self-Propelled           | acre | 14.53   | 1.0000   | 14.53   | _____     |
| Irrigation System 1      | acre | 3.75    | 1.0000   | 3.75    | _____     |
| INTEREST ON OP. CAP.     | acre | 10.08   | 1.0000   | 10.08   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL DIRECT EXPENSES    |      |         |          | 715.86  | _____     |
| FIXED EXPENSES           |      |         |          |         |           |
| Implements               | acre | 8.15    | 1.0000   | 8.15    | _____     |
| Tractors                 | acre | 38.47   | 1.0000   | 38.47   | _____     |
| Self-Propelled           | acre | 20.89   | 1.0000   | 20.89   | _____     |
| Irrigation System 1      | acre | 31.19   | 1.0000   | 31.19   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL FIXED EXPENSES     |      |         |          | 98.70   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL SPECIFIED EXPENSES |      |         |          | 814.56  | _____     |

Table 2.B Estimated resource use and costs for field operations, per acre, Rice, Clearfield Variety, Water Plant, Conventional Tillage, (In Rotation), Southwest Louisiana, 2022.

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | POWER UNIT<br>SIZE | PERF<br>RATE | TIMES<br>OVER | MTH | POWER UNIT COST   |       | EQUIPMENT COST |       | ALLOC LABOR |       | OPERATING/DURABLE INPUT |       |        | TOTAL<br>COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|-------|-------------------------|-------|--------|---------------|
|                               |               |                    |              |               |     | DIRECT            | FIXED | DIRECT         | FIXED | HOURS       | COST  | AMOUNT                  | PRICE | COST   |               |
|                               |               |                    |              |               |     | -----dollars----- |       |                |       | dollars     |       | -----dollars-----       |       |        |               |
| Disk Harrow                   | 32'           | 4WD 300            | 0.061        | 2.00          | Nov | 6.52              | 6.74  | 2.13           | 4.20  | 0.12        | 1.46  |                         |       |        | 21.05         |
| LARice Levee Plow             | 8 ft          | 4WD 300            | 0.050        | 2.00          | Nov | 5.32              | 5.49  | 0.15           | 0.35  | 0.10        | 1.19  |                         |       |        | 12.50         |
| Blade-Scraper                 | 10'           | MFWD 150           | 1.176        | 0.09          | Nov | 2.79              | 2.65  | 0.19           | 0.14  | 0.10        | 1.26  |                         |       |        | 7.03          |
| Ditcher                       |               | MFWD 150           | 0.020        | 1.00          | Nov | 0.53              | 0.50  | 0.05           | 0.06  | 0.02        | 0.24  |                         |       |        | 1.38          |
| Field Cultivate               | 32'           | 4WD 300            | 0.046        | 1.00          | Feb | 2.48              | 2.56  | 0.51           | 2.00  | 0.04        | 0.55  |                         |       |        | 8.10          |
| App Fert by Air               | cwt           |                    |              | 1.00          | Feb |                   |       |                |       |             |       | 1.5000                  | 7.50  | 11.25  | 11.25         |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 70.0000                 | 0.76  | 53.20  | 53.20         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| App Fert by Air               | cwt           |                    |              | 1.00          | Feb |                   |       |                |       |             |       | 1.0000                  | 7.50  | 7.50   | 7.50          |
| LA Phosphate                  | lb            |                    |              |               |     |                   |       |                |       |             |       | 40.0000                 | 0.65  | 26.00  | 26.00         |
| LA Potash                     | lb            |                    |              |               |     |                   |       |                |       |             |       | 60.0000                 | 0.58  | 34.80  | 34.80         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| Ditcher                       |               | MFWD 150           | 0.020        | 1.00          | Feb | 0.53              | 0.50  | 0.05           | 0.06  | 0.02        | 0.24  |                         |       |        | 1.38          |
| Blade-Scraper                 | 10'           | MFWD 150           | 1.176        | 0.09          | Feb | 2.79              | 2.65  | 0.19           | 0.14  | 0.10        | 1.26  |                         |       |        | 7.03          |
| 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 | 0.66              | 0.63  | 0.13           | 0.17  | 0.02        | 0.30  |                         |       |        | 1.89          |
| LARice Water Level            | 24 ft         | 4WD 300            | 0.149        | 2.00          | Feb | 15.94             | 16.46 | 0.46           | 0.89  | 0.29        | 3.56  |                         |       |        | 37.31         |
| 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                | 1.15  | 115.00 | 115.00        |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| Seed Tmt                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 18.0000                 | 0.30  | 5.40   | 5.40          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Apr |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Karate Z                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 2.0000                  | 1.41  | 2.82   | 2.82          |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Apr |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Newpath 2SL                   | oz            |                    |              |               |     |                   |       |                |       |             |       | 4.0000                  | 3.83  | 15.32  | 15.32         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Newpath 2SL                   | oz            |                    |              |               |     |                   |       |                |       |             |       | 4.0000                  | 3.83  | 15.32  | 15.32         |
| Aim 2EC                       | oz            |                    |              |               |     |                   |       |                |       |             |       | 1.6000                  | 5.31  | 8.50   | 8.50          |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| App Fert by Air               | cwt           |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.3000                  | 7.50  | 9.75   | 9.75          |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 60.0000                 | 0.76  | 45.60  | 45.60         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Quadris                       | oz            |                    |              |               |     |                   |       |                |       |             |       | 10.0000                 | 2.72  | 27.20  | 27.20         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jul |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Karate Z                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 2.0000                  | 1.41  | 2.82   | 2.82          |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| LA Rice Combine               | 25 ft         |                    | 0.300        | 1.00          | Aug | 21.86             | 20.89 |                |       | 0.33        | 5.05  |                         |       |        | 47.80         |
| Rice Grain Cart               | 500 Bu        | MFWD 150           | 0.057        | 0.20          | Aug | 0.30              | 0.29  | 0.09           | 0.14  | 0.01        | 0.14  |                         |       |        | 0.96          |
| LARice Haul                   | cwt           |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 70.0000                 | 0.30  | 21.00  | 21.00         |
| LARice Dry                    | cwt           |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 77.7000                 | 0.90  | 69.93  | 69.93         |
| Digital Ag Fee                | acre          |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 1.0000                  | 8.50  | 8.50   | 8.50          |
| Irrigation System 1           | acre          |                    |              |               | Mar |                   |       | 97.00          | 31.19 | 0.21        | 2.55  | 1.0000                  |       |        | 130.74        |
|                               |               |                    |              |               |     | 59.72             | 59.36 | 100.95         | 39.34 | 1.40        | 17.80 |                         |       |        |               |
| TOTALS                        |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        |               |
| INTEREST ON OPERATING CAPITAL |               |                    |              |               |     |                   |       |                |       |             |       |                         |       | 527.31 | 804.48        |
| UNALLOCATED LABOR             |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        | 10.08         |
| TOTAL SPECIFIED COST          |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        | 0.00          |
|                               |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        | 814.56        |

Table 2.C1 Estimated Net Returns above Direct Costs for an Owner Operator  
Rice, Clearfield Variety, Water Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | (\$/acre)                  |         |         |         |         |         |         |         |         |
| 80%     | 56.0   | -116                       | -84     | -52     | -20     | 12      | 43      | 75      | 107     | 139     |
| 85%     | 59.5   | -79                        | -45     | -11     | 23      | 57      | 91      | 125     | 159     | 193     |
| 90%     | 63.0   | -43                        | -7      | 30      | 66      | 103     | 139     | 175     | 212     | 248     |
| 95%     | 66.5   | -7                         | 32      | 71      | 109     | 148     | 187     | 225     | 264     | 303     |
| 100%    | 70.0   | 30                         | 71      | 112     | 153     | 194     | 234     | 275     | 316     | 357     |
| 105%    | 73.5   | 66                         | 109     | 153     | 196     | 239     | 282     | 325     | 369     | 412     |
| 110%    | 77.0   | 103                        | 148     | 194     | 239     | 285     | 330     | 375     | 421     | 466     |
| 115%    | 80.5   | 139                        | 187     | 235     | 282     | 330     | 378     | 426     | 473     | 521     |
| 120%    | 84.0   | 175                        | 225     | 275     | 325     | 376     | 426     | 476     | 526     | 576     |

Net returns above direct costs for an owner operator is calculated here as market revenue less direct production costs. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses.

Table 2.C2 Estimated Net Returns above Total Specified Costs for an Owner Operator  
Rice, Clearfield Variety, Water Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | (\$/acre)                  |         |         |         |         |         |         |         |         |
| 80%     | 56.0   | -214                       | -183    | -151    | -119    | -87     | -55     | -24     | 8       | 40      |
| 85%     | 59.5   | -178                       | -144    | -110    | -76     | -42     | -8      | 27      | 61      | 95      |
| 90%     | 63.0   | -142                       | -105    | -69     | -33     | 4       | 40      | 77      | 113     | 149     |
| 95%     | 66.5   | -105                       | -67     | -28     | 11      | 49      | 88      | 127     | 165     | 204     |
| 100%    | 70.0   | -69                        | -28     | 13      | 54      | 95      | 136     | 177     | 218     | 259     |
| 105%    | 73.5   | -32                        | 11      | 54      | 97      | 140     | 184     | 227     | 270     | 313     |
| 110%    | 77.0   | 4                          | 49      | 95      | 140     | 186     | 231     | 277     | 322     | 368     |
| 115%    | 80.5   | 40                         | 88      | 136     | 184     | 231     | 279     | 327     | 375     | 422     |
| 120%    | 84.0   | 77                         | 127     | 177     | 227     | 277     | 327     | 377     | 427     | 477     |

Net returns above total specified costs for an owner operator is calculated here as market revenue less total specified costs. Specified costs include charges for direct costs and fixed machinery costs but excludes charges for land, general farm overhead and management expenses.

Table 2.D1 Estimated Net Returns above Direct Costs for a Tenant Operator  
Rice, Clearfield Variety, Water Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | ----- (\$/acre) -----      |         |         |         |         |         |         |         |         |
| 80%     | 56.0   | -175                       | -153    | -131    | -108    | -86     | -64     | -42     | -19     | 3       |
| 85%     | 59.5   | -150                       | -126    | -102    | -78     | -54     | -30     | -7      | 17      | 41      |
| 90%     | 63.0   | -124                       | -99     | -73     | -48     | -22     | 3       | 28      | 54      | 79      |
| 95%     | 66.5   | -99                        | -72     | -45     | -18     | 9       | 36      | 63      | 91      | 118     |
| 100%    | 70.0   | -73                        | -45     | -16     | 13      | 41      | 70      | 99      | 127     | 156     |
| 105%    | 73.5   | -48                        | -18     | 13      | 43      | 73      | 103     | 134     | 164     | 194     |
| 110%    | 77.0   | -22                        | 9       | 41      | 73      | 105     | 137     | 169     | 200     | 232     |
| 115%    | 80.5   | 3                          | 37      | 70      | 103     | 137     | 170     | 204     | 237     | 270     |
| 120%    | 84.0   | 29                         | 64      | 99      | 134     | 169     | 204     | 239     | 274     | 309     |

Net returns above direct costs for a tenant operator is calculated here as the grower's share of market revenue less direct production costs paid by the grower. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Table 2.D2 Estimated Net Returns above Total Specified Costs for a Tenant Operator  
Rice, Clearfield Variety, Water Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | ----- (\$/acre) -----      |         |         |         |         |         |         |         |         |
| 80%     | 56.0   | -243                       | -220    | -198    | -176    | -154    | -131    | -109    | -87     | -65     |
| 85%     | 59.5   | -217                       | -193    | -170    | -146    | -122    | -98     | -74     | -50     | -26     |
| 90%     | 63.0   | -192                       | -166    | -141    | -115    | -90     | -64     | -39     | -14     | 12      |
| 95%     | 66.5   | -166                       | -139    | -112    | -85     | -58     | -31     | -4      | 23      | 50      |
| 100%    | 70.0   | -141                       | -112    | -84     | -55     | -26     | 2       | 31      | 60      | 88      |
| 105%    | 73.5   | -115                       | -85     | -55     | -25     | 6       | 36      | 66      | 96      | 127     |
| 110%    | 77.0   | -90                        | -58     | -26     | 6       | 37      | 69      | 101     | 133     | 165     |
| 115%    | 80.5   | -64                        | -31     | 2       | 36      | 69      | 103     | 136     | 170     | 203     |
| 120%    | 84.0   | -39                        | -4      | 31      | 66      | 101     | 136     | 171     | 206     | 241     |

Net returns above total specified costs for a tenant operator is calculated here as the grower's share of market revenue less total specified costs paid by the grower. Specified costs include charges for direct costs and fixed machinery costs but exclude charges for general farm overhead and management expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Table 3.A Estimated costs per acre,  
Rice, Conventional Variety, Drill Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

| ITEM                     | UNIT | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--------------------------|------|---------|----------|---------|-----------|
|                          |      | dollars |          | dollars |           |
| DIRECT EXPENSES          |      |         |          |         |           |
| CUSTOM SPRAY             |      |         |          |         |           |
| LARice GPS Charge-SW     | acre | 0.35    | 7.0000   | 2.45    | _____     |
| App by Air ( 5 gal)      | appl | 7.00    | 4.0000   | 28.00   | _____     |
| GIN/DRY                  |      |         |          |         |           |
| LARice Dry               | cwt  | 0.90    | 77.7000  | 69.93   | _____     |
| FERTILIZERS              |      |         |          |         |           |
| LA Nitrogen              | lb   | 0.76    | 130.0000 | 98.80   | _____     |
| LA Phosphate             | lb   | 0.65    | 40.0000  | 26.00   | _____     |
| LA Potash                | lb   | 0.58    | 60.0000  | 34.80   | _____     |
| FUNGICIDES               |      |         |          |         |           |
| Quadris                  | oz   | 2.72    | 10.0000  | 27.20   | _____     |
| HERBICIDES               |      |         |          |         |           |
| Command 3ME              | pt   | 18.50   | 0.8000   | 14.80   | _____     |
| Permit 75DF              | oz   | 15.00   | 1.0000   | 15.00   | _____     |
| INSECTICIDES             |      |         |          |         |           |
| Karate Z                 | oz   | 1.41    | 4.0000   | 5.64    | _____     |
| IRRIGATION SUPPLIES      |      |         |          |         |           |
| Rice Gates               | each | 3.65    | 1.0000   | 3.65    | _____     |
| SEED/PLANTS              |      |         |          |         |           |
| Rice Seed Conv.          | lb   | 0.35    | 90.0000  | 31.50   | _____     |
| Seed Tmt                 | oz   | 0.30    | 16.2000  | 4.86    | _____     |
| SERVICE FEE              |      |         |          |         |           |
| Digital Ag Fee           | acre | 8.50    | 1.0000   | 8.50    | _____     |
| CUSTOM FERT/LIME         |      |         |          |         |           |
| App Fert by Air          | cwt  | 7.50    | 3.8000   | 28.50   | _____     |
| CUSTOM HARVEST/HAUL      |      |         |          |         |           |
| LARice Haul              | cwt  | 0.30    | 70.0000  | 21.00   | _____     |
| 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 | 11.88   | 0.7118   | 8.47    | _____     |
| LA Irrigation Labor      |      |         |          |         |           |
| Irrigation System 2      | hour | 11.88   | 0.2074   | 2.47    | _____     |
| DIESEL FUEL              |      |         |          |         |           |
| Tractors                 | gal  | 2.84    | 7.5765   | 21.53   | _____     |
| Self-Propelled           | gal  | 2.84    | 2.5825   | 7.33    | _____     |
| Irrigation System 2      | gal  | 2.84    | 35.4660  | 100.71  | _____     |
| REPAIR & MAINTENANCE     |      |         |          |         |           |
| Implements               | acre | 5.10    | 1.0000   | 5.10    | _____     |
| Tractors                 | acre | 4.47    | 1.0000   | 4.47    | _____     |
| Self-Propelled           | acre | 14.53   | 1.0000   | 14.53   | _____     |
| Irrigation System 2      | acre | 3.61    | 1.0000   | 3.61    | _____     |
| INTEREST ON OP. CAP.     | acre | 8.50    | 1.0000   | 8.50    | _____     |
|                          |      |         |          | -----   |           |
| TOTAL DIRECT EXPENSES    |      |         |          | 603.25  | _____     |
| FIXED EXPENSES           |      |         |          |         |           |
| Implements               | acre | 10.03   | 1.0000   | 10.03   | _____     |
| Tractors                 | acre | 25.87   | 1.0000   | 25.87   | _____     |
| Self-Propelled           | acre | 20.89   | 1.0000   | 20.89   | _____     |
| Irrigation System 2      | acre | 31.19   | 1.0000   | 31.19   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL FIXED EXPENSES     |      |         |          | 87.98   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL SPECIFIED EXPENSES |      |         |          | 691.23  | _____     |

Table 3.B Estimated resource use and costs for field operations, per acre, Rice, Conventional Variety, Drill Plant, Conventional Tillage, (In Rotation), Southwest Louisiana, 2022.

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | POWER UNIT<br>SIZE | PERF<br>RATE | TIMES<br>OVER | MTH | POWER UNIT COST   |       | EQUIPMENT COST |       | ALLOC LABOR |       | OPERATING/DURABLE INPUT |       |        | TOTAL<br>COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|-------|-------------------------|-------|--------|---------------|
|                               |               |                    |              |               |     | DIRECT            | FIXED | DIRECT         | FIXED | HOURS       | COST  | AMOUNT                  | PRICE | COST   |               |
|                               |               |                    |              |               |     | -----dollars----- |       |                |       | dollars     |       | -----dollars-----       |       |        |               |
| Disk Harrow                   | 32'           | 4WD 300            | 0.061        | 2.00          | Nov | 6.52              | 6.74  | 2.13           | 4.20  | 0.12        | 1.46  |                         |       |        | 21.05         |
| LARice Levee Plow             | 8 ft          | 4WD 300            | 0.050        | 2.00          | Nov | 5.32              | 5.49  | 0.15           | 0.35  | 0.10        | 1.19  |                         |       |        | 12.50         |
| Blade-Scraper                 | 10'           | MFWD 150           | 1.176        | 0.09          | Nov | 2.79              | 2.65  | 0.19           | 0.14  | 0.10        | 1.26  |                         |       |        | 7.03          |
| Ditcher                       |               | MFWD 150           | 0.020        | 1.00          | Nov | 0.53              | 0.50  | 0.05           | 0.06  | 0.02        | 0.24  |                         |       |        | 1.38          |
| Field Cultivate               | 32'           | 4WD 300            | 0.046        | 1.00          | Feb | 2.48              | 2.56  | 0.51           | 2.00  | 0.04        | 0.55  |                         |       |        | 8.10          |
| App Fert by Air               | cwt           |                    |              | 1.00          | Feb |                   |       |                |       |             |       | 1.5000                  | 7.50  | 11.25  | 11.25         |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 70.0000                 | 0.76  | 53.20  | 53.20         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| App Fert by Air               | cwt           |                    |              | 1.00          | Feb |                   |       |                |       |             |       | 1.0000                  | 7.50  | 7.50   | 7.50          |
| LA Phosphate                  | lb            |                    |              |               |     |                   |       |                |       |             |       | 40.0000                 | 0.65  | 26.00  | 26.00         |
| LA Potash                     | lb            |                    |              |               |     |                   |       |                |       |             |       | 60.0000                 | 0.58  | 34.80  | 34.80         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| Grain Drill                   | 20'           | MFWD 150           | 0.094        | 1.00          | Apr | 2.49              | 2.36  | 1.48           | 2.63  | 0.18        | 1.97  |                         |       |        | 10.93         |
| Rice Seed Conv.               | lb            |                    |              |               |     |                   |       |                |       |             |       | 90.0000                 | 0.35  | 31.50  | 31.50         |
| Seed Tmt                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 16.2000                 | 0.30  | 4.86   | 4.86          |
| Ditcher                       |               | MFWD 150           | 0.020        | 1.00          | Apr | 0.53              | 0.50  | 0.05           | 0.06  | 0.02        | 0.24  |                         |       |        | 1.38          |
| Blade-Scraper                 | 10'           | MFWD 150           | 1.176        | 0.09          | Apr | 2.79              | 2.65  | 0.19           | 0.14  | 0.10        | 1.26  |                         |       |        | 7.03          |
| 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 | 0.66              | 0.63  | 0.13           | 0.17  | 0.02        | 0.30  |                         |       |        | 1.89          |
| LA Boom Sprayer               | 30 ft         | MFWD 150           | 0.059        | 1.00          | Apr | 1.59              | 1.50  | 0.13           | 0.14  | 0.05        | 0.71  |                         |       |        | 4.07          |
| Command 3ME                   | pt            |                    |              |               |     |                   |       |                |       |             |       | 0.8000                  | 18.50 | 14.80  | 14.80         |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Apr |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Karate Z                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 2.0000                  | 1.41  | 2.82   | 2.82          |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Permit 75DF                   | oz            |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 15.00 | 15.00  | 15.00         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| App Fert by Air               | cwt           |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.3000                  | 7.50  | 9.75   | 9.75          |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 60.0000                 | 0.76  | 45.60  | 45.60         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Quadris                       | oz            |                    |              |               |     |                   |       |                |       |             |       | 10.0000                 | 2.72  | 27.20  | 27.20         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jul |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Karate Z                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 2.0000                  | 1.41  | 2.82   | 2.82          |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |
| LA Rice Combine               | 25 ft         |                    | 0.300        | 1.00          | Aug | 21.86             | 20.89 |                |       | 0.33        | 5.05  |                         |       |        | 47.80         |
| Rice Grain Cart               | 500 Bu        | MFWD 150           | 0.057        | 0.20          | Aug | 0.30              | 0.29  | 0.09           | 0.14  | 0.01        | 0.14  |                         |       |        | 0.96          |
| LARice Haul                   | cwt           |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 70.0000                 | 0.30  | 21.00  | 21.00         |
| LARice Dry                    | cwt           |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 77.7000                 | 0.90  | 69.93  | 69.93         |
| Digital Ag Fee                | acre          |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 1.0000                  | 8.50  | 8.50   | 8.50          |
| Irrigation System 2           | acre          |                    |              |               | Mar |                   |       |                |       |             |       | 1.0000                  |       |        | 137.98        |
|                               |               |                    |              |               |     | -----             | ----- | -----          | ----- | -----       | ----- | -----                   |       |        | -----         |
| TOTALS                        |               |                    |              |               |     | 47.86             | 46.76 | 109.42         | 41.22 | 1.34        | 16.84 |                         |       | 420.63 | 682.73        |
| INTEREST ON OPERATING CAPITAL |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        | 8.50          |
| UNALLOCATED LABOR             |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        | 0.00          |
| TOTAL SPECIFIED COST          |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        | 691.23        |

Table 3.C1 Estimated Net Returns above Direct Costs for an Owner Operator  
Rice, Conventional Variety, Drill Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|                       |        | Percent                    |         |         |         |         |         |         |         |         |
|-----------------------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                       |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield                 |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent               | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
| ----- (\$/acre) ----- |        |                            |         |         |         |         |         |         |         |         |
| 80%                   | 56.0   | -3                         | 29      | 60      | 92      | 124     | 156     | 188     | 220     | 251     |
| 85%                   | 59.5   | 33                         | 67      | 101     | 136     | 170     | 204     | 238     | 272     | 306     |
| 90%                   | 63.0   | 70                         | 106     | 142     | 179     | 215     | 251     | 288     | 324     | 361     |
| 95%                   | 66.5   | 106                        | 145     | 183     | 222     | 261     | 299     | 338     | 377     | 415     |
| 100%                  | 70.0   | 142                        | 183     | 224     | 265     | 306     | 347     | 388     | 429     | 470     |
| 105%                  | 73.5   | 179                        | 222     | 265     | 308     | 352     | 395     | 438     | 481     | 524     |
| 110%                  | 77.0   | 215                        | 261     | 306     | 352     | 397     | 443     | 488     | 534     | 579     |
| 115%                  | 80.5   | 252                        | 299     | 347     | 395     | 443     | 490     | 538     | 586     | 634     |
| 120%                  | 84.0   | 288                        | 338     | 388     | 438     | 488     | 538     | 588     | 638     | 688     |

Net returns above direct costs for an owner operator is calculated here as market revenue less direct production costs. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses.

Table 3.C2 Estimated Net Returns above Total Specified Costs for an Owner Operator  
Rice, Conventional Variety, Drill Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|                       |        | Percent                    |         |         |         |         |         |         |         |         |
|-----------------------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                       |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield                 |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent               | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
| ----- (\$/acre) ----- |        |                            |         |         |         |         |         |         |         |         |
| 80%                   | 56.0   | -91                        | -59     | -28     | 4       | 36      | 68      | 100     | 132     | 163     |
| 85%                   | 59.5   | -55                        | -21     | 13      | 48      | 82      | 116     | 150     | 184     | 218     |
| 90%                   | 63.0   | -18                        | 18      | 54      | 91      | 127     | 164     | 200     | 236     | 273     |
| 95%                   | 66.5   | 18                         | 57      | 95      | 134     | 173     | 211     | 250     | 289     | 327     |
| 100%                  | 70.0   | 54                         | 95      | 136     | 177     | 218     | 259     | 300     | 341     | 382     |
| 105%                  | 73.5   | 91                         | 134     | 177     | 220     | 264     | 307     | 350     | 393     | 436     |
| 110%                  | 77.0   | 127                        | 173     | 218     | 264     | 309     | 355     | 400     | 446     | 491     |
| 115%                  | 80.5   | 164                        | 211     | 259     | 307     | 355     | 402     | 450     | 498     | 546     |
| 120%                  | 84.0   | 200                        | 250     | 300     | 350     | 400     | 450     | 500     | 550     | 600     |

Net returns above total specified costs for an owner operator is calculated here as market revenue less total specified costs. Specified costs include charges for direct costs and fixed machinery costs but excludes charges for land, general farm overhead and management expenses.

Table 3.D1 Estimated Net Returns above Direct Costs for a Tenant Operator  
Rice, Conventional Variety, Drill Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | (\$/acre)                  |         |         |         |         |         |         |         |         |
| 80%     | 56.0   | -55                        | -33     | -11     | 12      | 34      | 56      | 78      | 101     | 123     |
| 85%     | 59.5   | -30                        | -6      | 18      | 42      | 66      | 90      | 113     | 137     | 161     |
| 90%     | 63.0   | -4                         | 21      | 47      | 72      | 98      | 123     | 149     | 174     | 199     |
| 95%     | 66.5   | 21                         | 48      | 75      | 102     | 129     | 157     | 184     | 211     | 238     |
| 100%    | 70.0   | 47                         | 75      | 104     | 133     | 161     | 190     | 219     | 247     | 276     |
| 105%    | 73.5   | 72                         | 102     | 133     | 163     | 193     | 223     | 254     | 284     | 314     |
| 110%    | 77.0   | 98                         | 130     | 161     | 193     | 225     | 257     | 289     | 320     | 352     |
| 115%    | 80.5   | 123                        | 157     | 190     | 223     | 257     | 290     | 324     | 357     | 391     |
| 120%    | 84.0   | 149                        | 184     | 219     | 254     | 289     | 324     | 359     | 394     | 429     |

Net returns above direct costs for a tenant operator is calculated here as the grower's share of market revenue less direct production costs paid by the grower. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Table 3.D2 Estimated Net Returns above Total Specified Costs for a Tenant Operator  
Rice, Conventional Variety, Drill Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | (\$/acre)                  |         |         |         |         |         |         |         |         |
| 80%     | 56.0   | -112                       | -90     | -67     | -45     | -23     | -1      | 22      | 44      | 66      |
| 85%     | 59.5   | -87                        | -63     | -39     | -15     | 9       | 33      | 57      | 81      | 104     |
| 90%     | 63.0   | -61                        | -36     | -10     | 15      | 41      | 66      | 92      | 117     | 143     |
| 95%     | 66.5   | -36                        | -9      | 19      | 46      | 73      | 100     | 127     | 154     | 181     |
| 100%    | 70.0   | -10                        | 19      | 47      | 76      | 105     | 133     | 162     | 190     | 219     |
| 105%    | 73.5   | 15                         | 46      | 76      | 106     | 136     | 167     | 197     | 227     | 257     |
| 110%    | 77.0   | 41                         | 73      | 105     | 136     | 168     | 200     | 232     | 264     | 296     |
| 115%    | 80.5   | 66                         | 100     | 133     | 167     | 200     | 233     | 267     | 300     | 334     |
| 120%    | 84.0   | 92                         | 127     | 162     | 197     | 232     | 267     | 302     | 337     | 372     |

Net returns above total specified costs for a tenant operator is calculated here as the grower's share of market revenue less total specified costs paid by the grower. Specified costs include charges for direct costs and fixed machinery costs but exclude charges for general farm overhead and management expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Table 4.A Estimated costs per acre,  
Rice, Clearfield Variety, Drill Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

| ITEM                     | UNIT | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--------------------------|------|---------|----------|---------|-----------|
|                          |      | dollars |          | dollars |           |
| DIRECT EXPENSES          |      |         |          |         |           |
| CUSTOM SPRAY             |      |         |          |         |           |
| LARice GPS Charge-SW     | acre | 0.35    | 8.0000   | 2.80    | _____     |
| App by Air ( 5 gal)      | appl | 7.00    | 5.0000   | 35.00   | _____     |
| GIN/DRY                  |      |         |          |         |           |
| LARice Dry               | cwt  | 0.90    | 77.7000  | 69.93   | _____     |
| FERTILIZERS              |      |         |          |         |           |
| LA Nitrogen              | lb   | 0.76    | 130.0000 | 98.80   | _____     |
| LA Phosphate             | lb   | 0.65    | 40.0000  | 26.00   | _____     |
| LA Potash                | lb   | 0.58    | 60.0000  | 34.80   | _____     |
| FUNGICIDES               |      |         |          |         |           |
| Quadris                  | oz   | 2.72    | 10.0000  | 27.20   | _____     |
| HERBICIDES               |      |         |          |         |           |
| Newpath 2SL              | oz   | 3.83    | 8.0000   | 30.64   | _____     |
| Aim 2EC                  | oz   | 5.31    | 1.6000   | 8.50    | _____     |
| INSECTICIDES             |      |         |          |         |           |
| Karate Z                 | oz   | 1.41    | 4.0000   | 5.64    | _____     |
| IRRIGATION SUPPLIES      |      |         |          |         |           |
| Rice Gates               | each | 3.65    | 1.0000   | 3.65    | _____     |
| SEED/PLANTS              |      |         |          |         |           |
| Rice Clearfield 161      | lb   | 1.15    | 75.0000  | 86.25   | _____     |
| Seed Tmt                 | oz   | 0.30    | 13.5000  | 4.05    | _____     |
| SERVICE FEE              |      |         |          |         |           |
| Digital Ag Fee           | acre | 8.50    | 1.0000   | 8.50    | _____     |
| CUSTOM FERT/LIME         |      |         |          |         |           |
| App Fert by Air          | cwt  | 7.50    | 3.8000   | 28.50   | _____     |
| CUSTOM HARVEST/HAUL      |      |         |          |         |           |
| LARice Haul              | cwt  | 0.30    | 70.0000  | 21.00   | _____     |
| 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 | 11.88   | 0.6518   | 7.76    | _____     |
| LA Irrigation Labor      |      |         |          |         |           |
| Irrigation System 2      | hour | 11.88   | 0.2074   | 2.47    | _____     |
| DIESEL FUEL              |      |         |          |         |           |
| Tractors                 | gal  | 2.84    | 7.2104   | 20.48   | _____     |
| Self-Propelled           | gal  | 2.84    | 2.5825   | 7.33    | _____     |
| Irrigation System 2      | gal  | 2.84    | 35.4660  | 100.71  | _____     |
| REPAIR & MAINTENANCE     |      |         |          |         |           |
| Implements               | acre | 4.97    | 1.0000   | 4.97    | _____     |
| Tractors                 | acre | 4.26    | 1.0000   | 4.26    | _____     |
| Self-Propelled           | acre | 14.53   | 1.0000   | 14.53   | _____     |
| Irrigation System 2      | acre | 3.61    | 1.0000   | 3.61    | _____     |
| INTEREST ON OP. CAP.     | acre | 9.43    | 1.0000   | 9.43    | _____     |
|                          |      |         |          | -----   |           |
| TOTAL DIRECT EXPENSES    |      |         |          | 672.71  | _____     |
| FIXED EXPENSES           |      |         |          |         |           |
| Implements               | acre | 9.89    | 1.0000   | 9.89    | _____     |
| Tractors                 | acre | 24.86   | 1.0000   | 24.86   | _____     |
| Self-Propelled           | acre | 20.89   | 1.0000   | 20.89   | _____     |
| Irrigation System 2      | acre | 31.19   | 1.0000   | 31.19   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL FIXED EXPENSES     |      |         |          | 86.83   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL SPECIFIED EXPENSES |      |         |          | 759.54  | _____     |

Table 4.B Estimated resource use and costs for field operations, per acre, Rice, Clearfield Variety, Drill Plant, Conventional Tillage, (In Rotation), Southwest Louisiana, 2022.

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | POWER UNIT<br>SIZE | PERF<br>RATE | TIMES<br>OVER | MTH | POWER UNIT COST   |       | EQUIPMENT COST |       | ALLOC LABOR |       | OPERATING/DURABLE INPUT |       |        | TOTAL<br>COST |        |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|-------|-------------------------|-------|--------|---------------|--------|
|                               |               |                    |              |               |     | DIRECT            | FIXED | DIRECT         | FIXED | HOURS       | COST  | AMOUNT                  | PRICE | COST   |               |        |
|                               |               |                    |              |               |     | -----dollars----- |       |                |       | dollars     |       | -----dollars-----       |       |        |               |        |
| Disk Harrow                   | 32'           | 4WD 300            | 0.061        | 2.00          | Nov | 6.52              | 6.74  | 2.13           | 4.20  | 0.12        | 1.46  |                         |       |        | 21.05         |        |
| LARice Levee Plow             | 8 ft          | 4WD 300            | 0.050        | 2.00          | Nov | 5.32              | 5.49  | 0.15           | 0.35  | 0.10        | 1.19  |                         |       |        | 12.50         |        |
| Blade-Scraper                 | 10'           | MFWD 150           | 1.176        | 0.09          | Nov | 2.79              | 2.65  | 0.19           | 0.14  | 0.10        | 1.26  |                         |       |        | 7.03          |        |
| Ditcher                       |               | MFWD 150           | 0.020        | 1.00          | Nov | 0.53              | 0.50  | 0.05           | 0.06  | 0.02        | 0.24  |                         |       |        | 1.38          |        |
| Field Cultivate               | 32'           | 4WD 300            | 0.046        | 1.00          | Feb | 2.48              | 2.56  | 0.51           | 2.00  | 0.04        | 0.55  |                         |       |        | 8.10          |        |
| App Fert by Air               | cwt           |                    |              | 1.00          | Feb |                   |       |                |       |             |       | 1.5000                  | 7.50  | 11.25  | 11.25         |        |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 70.0000                 | 0.76  | 53.20  | 53.20         |        |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |        |
| App Fert by Air               | cwt           |                    |              | 1.00          | Feb |                   |       |                |       |             |       | 1.0000                  | 7.50  | 7.50   | 7.50          |        |
| LA Phosphate                  | lb            |                    |              |               |     |                   |       |                |       |             |       | 40.0000                 | 0.65  | 26.00  | 26.00         |        |
| LA Potash                     | lb            |                    |              |               |     |                   |       |                |       |             |       | 60.0000                 | 0.58  | 34.80  | 34.80         |        |
| 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 | 2.82              | 2.85  | 1.48           | 2.63  | 0.18        | 1.97  |                         |       |        | 11.75         |        |
| Rice Clearfield 161           | lb            |                    |              |               |     |                   |       |                |       |             |       | 75.0000                 | 1.15  | 86.25  | 86.25         |        |
| Seed Tmt                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 13.5000                 | 0.30  | 4.05   | 4.05          |        |
| Ditcher                       |               | MFWD 150           | 0.020        | 1.00          | Apr | 0.53              | 0.50  | 0.05           | 0.06  | 0.02        | 0.24  |                         |       |        | 1.38          |        |
| Blade-Scraper                 | 10'           | MFWD 150           | 1.176        | 0.09          | Apr | 2.79              | 2.65  | 0.19           | 0.14  | 0.10        | 1.26  |                         |       |        | 7.03          |        |
| 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 | 0.66              | 0.63  | 0.13           | 0.17  | 0.02        | 0.30  |                         |       |        | 1.89          |        |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Apr |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |        |
| Newpath 2SL                   | oz            |                    |              |               |     |                   |       |                |       |             |       | 4.0000                  | 3.83  | 15.32  | 15.32         |        |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |        |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Apr |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |        |
| Karate Z                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 2.0000                  | 1.41  | 2.82   | 2.82          |        |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |        |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |        |
| Newpath 2SL                   | oz            |                    |              |               |     |                   |       |                |       |             |       | 4.0000                  | 3.83  | 15.32  | 15.32         |        |
| Aim 2EC                       | oz            |                    |              |               |     |                   |       |                |       |             |       | 1.6000                  | 5.31  | 8.50   | 8.50          |        |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |        |
| App Fert by Air               | cwt           |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.3000                  | 7.50  | 9.75   | 9.75          |        |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 60.0000                 | 0.76  | 45.60  | 45.60         |        |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |        |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |        |
| Quadris                       | oz            |                    |              |               |     |                   |       |                |       |             |       | 10.0000                 | 2.72  | 27.20  | 27.20         |        |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |        |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jul |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |        |
| Karate Z                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 2.0000                  | 1.41  | 2.82   | 2.82          |        |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35  | 0.35   | 0.35          |        |
| LA Rice Combine               | 25 ft         |                    | 0.300        | 1.00          | Aug | 21.86             | 20.89 |                |       | 0.33        | 5.05  |                         |       |        | 47.80         |        |
| Rice Grain Cart               | 500 Bu        | MFWD 150           | 0.057        | 0.20          | Aug | 0.30              | 0.29  | 0.09           | 0.14  | 0.01        | 0.14  |                         |       |        | 0.96          |        |
| LARice Haul                   | cwt           |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 70.0000                 | 0.30  | 21.00  | 21.00         |        |
| LARice Dry                    | cwt           |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 77.7000                 | 0.90  | 69.93  | 69.93         |        |
| Digital Ag Fee                | acre          |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 1.0000                  | 8.50  | 8.50   | 8.50          |        |
| Irrigation System 2           | acre          |                    |              |               | Mar |                   |       | 104.32         | 31.19 | 0.20        | 2.47  | 1.0000                  |       |        | 137.98        |        |
|                               |               |                    |              |               |     | 46.60             | 45.75 | 109.29         | 41.08 | 1.28        | 16.13 |                         |       |        | 750.11        |        |
| TOTALS                        |               |                    |              |               |     |                   |       |                |       |             |       |                         |       | 491.26 |               | 750.11 |
| INTEREST ON OPERATING CAPITAL |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        |               | 9.43   |
| UNALLOCATED LABOR             |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        |               | 0.00   |
| TOTAL SPECIFIED COST          |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        |               | 759.54 |

Table 4.C1 Estimated Net Returns above Direct Costs for an Owner Operator  
Rice, Clearfield Variety, Drill Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | (\$/acre)                  |         |         |         |         |         |         |         |         |
| 80%     | 56.0   | -73                        | -41     | -9      | 23      | 55      | 86      | 118     | 150     | 182     |
| 85%     | 59.5   | -36                        | -2      | 32      | 66      | 100     | 134     | 168     | 202     | 237     |
| 90%     | 63.0   | 0                          | 37      | 73      | 109     | 146     | 182     | 218     | 255     | 291     |
| 95%     | 66.5   | 37                         | 75      | 114     | 153     | 191     | 230     | 268     | 307     | 346     |
| 100%    | 70.0   | 73                         | 114     | 155     | 196     | 237     | 278     | 319     | 359     | 400     |
| 105%    | 73.5   | 109                        | 153     | 196     | 239     | 282     | 325     | 369     | 412     | 455     |
| 110%    | 77.0   | 146                        | 191     | 237     | 282     | 328     | 373     | 419     | 464     | 510     |
| 115%    | 80.5   | 182                        | 230     | 278     | 325     | 373     | 421     | 469     | 516     | 564     |
| 120%    | 84.0   | 219                        | 269     | 319     | 369     | 419     | 469     | 519     | 569     | 619     |

Net returns above direct costs for an owner operator is calculated here as market revenue less direct production costs. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses.

Table 4.C2 Estimated Net Returns above Total Specified Costs for an Owner Operator  
Rice, Clearfield Variety, Drill Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | (\$/acre)                  |         |         |         |         |         |         |         |         |
| 80%     | 56.0   | -159                       | -128    | -96     | -64     | -32     | 0       | 31      | 63      | 95      |
| 85%     | 59.5   | -123                       | -89     | -55     | -21     | 13      | 47      | 82      | 116     | 150     |
| 90%     | 63.0   | -87                        | -50     | -14     | 22      | 59      | 95      | 132     | 168     | 204     |
| 95%     | 66.5   | -50                        | -12     | 27      | 66      | 104     | 143     | 182     | 220     | 259     |
| 100%    | 70.0   | -14                        | 27      | 68      | 109     | 150     | 191     | 232     | 273     | 314     |
| 105%    | 73.5   | 23                         | 66      | 109     | 152     | 195     | 239     | 282     | 325     | 368     |
| 110%    | 77.0   | 59                         | 104     | 150     | 195     | 241     | 286     | 332     | 377     | 423     |
| 115%    | 80.5   | 95                         | 143     | 191     | 239     | 286     | 334     | 382     | 430     | 477     |
| 120%    | 84.0   | 132                        | 182     | 232     | 282     | 332     | 382     | 432     | 482     | 532     |

Net returns above total specified costs for an owner operator is calculated here as market revenue less total specified costs. Specified costs include charges for direct costs and fixed machinery costs but excludes charges for land, general farm overhead and management expenses.

Table 4.D1 Estimated Net Returns above Direct Costs for a Tenant Operator  
Rice, Clearfield Variety, Drill Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | (\$/acre)                  |         |         |         |         |         |         |         |         |
| 80%     | 56.0   | -125                       | -102    | -80     | -58     | -36     | -13     | 9       | 31      | 54      |
| 85%     | 59.5   | -99                        | -75     | -51     | -28     | -4      | 20      | 44      | 68      | 92      |
| 90%     | 63.0   | -74                        | -48     | -23     | 3       | 28      | 54      | 79      | 105     | 130     |
| 95%     | 66.5   | -48                        | -21     | 6       | 33      | 60      | 87      | 114     | 141     | 168     |
| 100%    | 70.0   | -23                        | 6       | 35      | 63      | 92      | 120     | 149     | 178     | 206     |
| 105%    | 73.5   | 3                          | 33      | 63      | 93      | 124     | 154     | 184     | 214     | 245     |
| 110%    | 77.0   | 28                         | 60      | 92      | 124     | 156     | 187     | 219     | 251     | 283     |
| 115%    | 80.5   | 54                         | 87      | 121     | 154     | 187     | 221     | 254     | 288     | 321     |
| 120%    | 84.0   | 79                         | 114     | 149     | 184     | 219     | 254     | 289     | 324     | 359     |

Net returns above direct costs for a tenant operator is calculated here as the grower's share of market revenue less direct production costs paid by the grower. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Table 4.D2 Estimated Net Returns above Total Specified Costs for a Tenant Operator  
Rice, Clearfield Variety, Drill Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | (\$/acre)                  |         |         |         |         |         |         |         |         |
| 80%     | 56.0   | -180                       | -158    | -136    | -113    | -91     | -69     | -47     | -24     | -2      |
| 85%     | 59.5   | -155                       | -131    | -107    | -83     | -59     | -35     | -12     | 12      | 36      |
| 90%     | 63.0   | -129                       | -104    | -78     | -53     | -28     | -2      | 23      | 49      | 74      |
| 95%     | 66.5   | -104                       | -77     | -50     | -23     | 4       | 31      | 58      | 86      | 113     |
| 100%    | 70.0   | -78                        | -50     | -21     | 8       | 36      | 65      | 93      | 122     | 151     |
| 105%    | 73.5   | -53                        | -23     | 8       | 38      | 68      | 98      | 129     | 159     | 189     |
| 110%    | 77.0   | -27                        | 4       | 36      | 68      | 100     | 132     | 164     | 195     | 227     |
| 115%    | 80.5   | -2                         | 31      | 65      | 98      | 132     | 165     | 199     | 232     | 265     |
| 120%    | 84.0   | 24                         | 59      | 94      | 129     | 164     | 199     | 234     | 269     | 304     |

Net returns above total specified costs for a tenant operator is calculated here as the grower's share of market revenue less total specified costs paid by the grower. Specified costs include charges for direct costs and fixed machinery costs but exclude charges for general farm overhead and management expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Table 5.A Estimated costs per acre,  
Rice, Hybrid Variety, Drill Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

| ITEM                     | UNIT | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--------------------------|------|---------|----------|---------|-----------|
|                          |      | dollars |          | dollars |           |
| DIRECT EXPENSES          |      |         |          |         |           |
| CUSTOM SPRAY             |      |         |          |         |           |
| LARice GPS Charge-SW     | acre | 0.35    | 7.0000   | 2.45    | _____     |
| App by Air ( 5 gal)      | appl | 7.00    | 4.0000   | 28.00   | _____     |
| GIN/DRY                  |      |         |          |         |           |
| LARice Dry               | cwt  | 0.90    | 88.8000  | 79.92   | _____     |
| FERTILIZERS              |      |         |          |         |           |
| LA Nitrogen              | lb   | 0.76    | 150.0000 | 114.00  | _____     |
| LA Phosphate             | lb   | 0.65    | 40.0000  | 26.00   | _____     |
| LA Potash                | lb   | 0.58    | 60.0000  | 34.80   | _____     |
| FUNGICIDES               |      |         |          |         |           |
| Stratego                 | pt   | 77.00   | 0.7100   | 54.67   | _____     |
| HERBICIDES               |      |         |          |         |           |
| Command 3ME              | pt   | 18.50   | 0.8000   | 14.80   | _____     |
| Permit 75DF              | oz   | 15.00   | 1.0000   | 15.00   | _____     |
| INSECTICIDES             |      |         |          |         |           |
| Karate Z                 | oz   | 1.41    | 4.0000   | 5.64    | _____     |
| IRRIGATION SUPPLIES      |      |         |          |         |           |
| Rice Gates               | each | 3.65    | 1.0000   | 3.65    | _____     |
| SEED/PLANTS              |      |         |          |         |           |
| LA Hybrid Rice Seed      | acre | 168.00  | 1.0000   | 168.00  | _____     |
| Seed Tmt                 | oz   | 0.30    | 3.6000   | 1.08    | _____     |
| SERVICE FEE              |      |         |          |         |           |
| Digital Ag Fee           | acre | 8.50    | 1.0000   | 8.50    | _____     |
| CUSTOM FERT/LIME         |      |         |          |         |           |
| App Fert by Air          | cwt  | 7.50    | 3.8000   | 28.50   | _____     |
| CUSTOM HARVEST/HAUL      |      |         |          |         |           |
| LARice Haul              | cwt  | 0.30    | 80.0000  | 24.00   | _____     |
| 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 | 11.88   | 0.6505   | 7.74    | _____     |
| LA Irrigation Labor      |      |         |          |         |           |
| Irrigation System 2      | hour | 11.88   | 0.2074   | 2.47    | _____     |
| DIESEL FUEL              |      |         |          |         |           |
| Tractors                 | gal  | 2.84    | 6.6287   | 18.84   | _____     |
| Self-Propelled           | gal  | 2.84    | 2.5825   | 7.33    | _____     |
| Irrigation System 2      | gal  | 2.84    | 35.4660  | 100.71  | _____     |
| REPAIR & MAINTENANCE     |      |         |          |         |           |
| Implements               | acre | 4.04    | 1.0000   | 4.04    | _____     |
| Tractors                 | acre | 3.90    | 1.0000   | 3.90    | _____     |
| Self-Propelled           | acre | 14.53   | 1.0000   | 14.53   | _____     |
| Irrigation System 2      | acre | 3.61    | 1.0000   | 3.61    | _____     |
| INTEREST ON OP. CAP.     | acre | 13.21   | 1.0000   | 13.21   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL DIRECT EXPENSES    |      |         |          | 791.29  | _____     |
| FIXED EXPENSES           |      |         |          |         |           |
| Implements               | acre | 7.93    | 1.0000   | 7.93    | _____     |
| Tractors                 | acre | 22.50   | 1.0000   | 22.50   | _____     |
| Self-Propelled           | acre | 20.89   | 1.0000   | 20.89   | _____     |
| Irrigation System 2      | acre | 31.19   | 1.0000   | 31.19   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL FIXED EXPENSES     |      |         |          | 82.51   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL SPECIFIED EXPENSES |      |         |          | 873.80  | _____     |

Table 5.B Estimated resource use and costs for field operations, per acre, Rice, Hybrid Variety, Drill Planted,  
(In Rotation), Southwest Louisiana, 2022.

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | POWER UNIT<br>SIZE | PERF<br>RATE | TIMES<br>OVER | MTH | POWER UNIT COST   |       | EQUIPMENT COST |       | ALLOC LABOR |       | OPERATING/DURABLE INPUT |        |        | TOTAL<br>COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|-------|-------------------------|--------|--------|---------------|
|                               |               |                    |              |               |     | DIRECT            | FIXED | DIRECT         | FIXED | HOURS       | COST  | AMOUNT                  | PRICE  | COST   |               |
|                               |               |                    |              |               |     | -----dollars----- |       |                |       | dollars     |       | -----dollars-----       |        |        |               |
| Disk Harrow                   | 32'           | 4WD 300            | 0.061        | 1.00          | Nov | 3.26              | 3.37  | 1.07           | 2.10  | 0.06        | 0.73  |                         |        |        | 10.53         |
| LA Hybrid Rice Seed           | acre          |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 168.00 | 168.00 | 168.00        |
| Seed Tmt                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 3.6000                  | 0.30   | 1.08   | 1.08          |
| LARice Levee Plow             | 8 ft          | 4WD 300            | 0.050        | 2.00          | Nov | 5.32              | 5.49  | 0.15           | 0.35  | 0.10        | 1.19  |                         |        |        | 12.50         |
| Blade-Scraper                 | 10'           | MFWD 150           | 1.176        | 0.09          | Nov | 2.79              | 2.65  | 0.19           | 0.14  | 0.10        | 1.26  |                         |        |        | 7.03          |
| Ditcher                       |               | MFWD 150           | 0.020        | 1.00          | Nov | 0.53              | 0.50  | 0.05           | 0.06  | 0.02        | 0.24  |                         |        |        | 1.38          |
| Field Cultivate               | 32'           | 4WD 300            | 0.046        | 1.00          | Feb | 2.48              | 2.56  | 0.51           | 2.00  | 0.04        | 0.55  |                         |        |        | 8.10          |
| App Fert by Air               | cwt           |                    |              | 1.00          | Feb |                   |       |                |       |             |       | 1.5000                  | 7.50   | 11.25  | 11.25         |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 75.0000                 | 0.76   | 57.00  | 57.00         |
| LARice GPS Charge-SW          | acre          |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35   | 0.35   | 0.35          |
| App Fert by Air               | cwt           |                    |              | 1.00          | Feb |                   |       |                |       |             |       | 1.0000                  | 7.50   | 7.50   | 7.50          |
| LA Phosphate                  | lb            |                    |              |               |     |                   |       |                |       |             |       | 40.0000                 | 0.65   | 26.00  | 26.00         |
| LA Potash                     | lb            |                    |              |               |     |                   |       |                |       |             |       | 60.0000                 | 0.58   | 34.80  | 34.80         |
| LARice GPS Charge-SW          | acre          |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35   | 0.35   | 0.35          |
| Grain Drill                   | 20'           | MFWD 150           | 0.094        | 1.00          | Apr | 2.49              | 2.36  | 1.48           | 2.63  | 0.18        | 1.97  |                         |        |        | 10.93         |
| Ditcher                       |               | MFWD 150           | 0.020        | 1.00          | Apr | 0.53              | 0.50  | 0.05           | 0.06  | 0.02        | 0.24  |                         |        |        | 1.38          |
| Blade-Scraper                 | 10'           | MFWD 150           | 1.176        | 0.09          | Apr | 2.79              | 2.65  | 0.19           | 0.14  | 0.10        | 1.26  |                         |        |        | 7.03          |
| Rice Gates                    | each          |                    |              | 1.00          | Apr |                   |       |                |       |             |       | 1.0000                  | 3.65   | 3.65   | 3.65          |
| LARice Backhoe-Rrmt           | 2 ft          | MFWD 150           | 0.500        | 0.05          | Apr | 0.66              | 0.63  | 0.13           | 0.17  | 0.02        | 0.30  |                         |        |        | 1.89          |
| LA Boom Sprayer               | 30 ft         | MFWD 150           | 0.059        | 1.00          | Apr | 1.59              | 1.50  | 0.13           | 0.14  | 0.05        | 0.71  |                         |        |        | 4.07          |
| Command 3ME                   | pt            |                    |              |               |     |                   |       |                |       |             |       | 0.8000                  | 18.50  | 14.80  | 14.80         |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Apr |                   |       |                |       |             |       | 1.0000                  | 7.00   | 7.00   | 7.00          |
| Karate Z                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 2.0000                  | 1.41   | 2.82   | 2.82          |
| LARice GPS Charge-SW          | acre          |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35   | 0.35   | 0.35          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.0000                  | 7.00   | 7.00   | 7.00          |
| Permit 75DF                   | oz            |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 15.00  | 15.00  | 15.00         |
| LARice GPS Charge-SW          | acre          |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35   | 0.35   | 0.35          |
| App Fert by Air               | cwt           |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.3000                  | 7.50   | 9.75   | 9.75          |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 75.0000                 | 0.76   | 57.00  | 57.00         |
| LARice GPS Charge-SW          | acre          |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35   | 0.35   | 0.35          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.0000                  | 7.00   | 7.00   | 7.00          |
| Stratego                      | pt            |                    |              |               |     |                   |       |                |       |             |       | 0.7100                  | 77.00  | 54.67  | 54.67         |
| LARice GPS Charge-SW          | acre          |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35   | 0.35   | 0.35          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jul |                   |       |                |       |             |       | 1.0000                  | 7.00   | 7.00   | 7.00          |
| Karate Z                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 2.0000                  | 1.41   | 2.82   | 2.82          |
| LARice GPS Charge-SW          | acre          |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.35   | 0.35   | 0.35          |
| LA Rice Combine               | 25 ft         |                    | 0.300        | 1.00          | Aug | 21.86             | 20.89 |                |       | 0.33        | 5.05  |                         |        |        | 47.80         |
| Rice Grain Cart               | 500 Bu        | MFWD 150           | 0.057        | 0.20          | Aug | 0.30              | 0.29  | 0.09           | 0.14  | 0.01        | 0.14  |                         |        |        | 0.96          |
| LARice Haul                   | cwt           |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 80.0000                 | 0.30   | 24.00  | 24.00         |
| LARice Dry                    | cwt           |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 88.8000                 | 0.90   | 79.92  | 79.92         |
| Digital Ag Fee                | acre          |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 1.0000                  | 8.50   | 8.50   | 8.50          |
| Irrigation System 2           | acre          |                    |              |               | Mar |                   |       |                |       |             |       | 1.0000                  |        |        | 137.98        |
|                               |               |                    |              |               |     | 44.60             | 43.39 | 108.36         | 39.12 | 1.28        | 16.11 |                         |        |        | 860.59        |
| TOTALS                        |               |                    |              |               |     |                   |       |                |       |             |       |                         |        |        | 860.59        |
| INTEREST ON OPERATING CAPITAL |               |                    |              |               |     |                   |       |                |       |             |       |                         |        |        | 13.21         |
| UNALLOCATED LABOR             |               |                    |              |               |     |                   |       |                |       |             |       |                         |        |        | 0.00          |
| TOTAL SPECIFIED COST          |               |                    |              |               |     |                   |       |                |       |             |       |                         |        |        | 873.80        |

Table 5.C1 Estimated Net Returns above Direct Costs for an Owner Operator  
Rice, Hybrid Variety, Drill Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | (\$/acre)                  |         |         |         |         |         |         |         |         |
| 80%     | 64.0   | -105                       | -69     | -33     | 4       | 40      | 76      | 113     | 149     | 185     |
| 85%     | 68.0   | -64                        | -25     | 14      | 53      | 92      | 131     | 170     | 209     | 248     |
| 90%     | 72.0   | -22                        | 19      | 61      | 102     | 144     | 186     | 227     | 269     | 310     |
| 95%     | 76.0   | 19                         | 63      | 108     | 152     | 196     | 240     | 284     | 328     | 373     |
| 100%    | 80.0   | 61                         | 108     | 154     | 201     | 248     | 295     | 342     | 388     | 435     |
| 105%    | 84.0   | 103                        | 152     | 201     | 251     | 300     | 349     | 399     | 448     | 497     |
| 110%    | 88.0   | 144                        | 196     | 248     | 300     | 352     | 404     | 456     | 508     | 560     |
| 115%    | 92.0   | 186                        | 240     | 295     | 349     | 404     | 459     | 513     | 568     | 622     |
| 120%    | 96.0   | 227                        | 284     | 342     | 399     | 456     | 513     | 570     | 627     | 685     |

Net returns above direct costs for an owner operator is calculated here as market revenue less direct production costs. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses.

Table 5.C2 Estimated Net Returns above Total Specified Costs for an Owner Operator  
Rice, Hybrid Variety, Drill Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | (\$/acre)                  |         |         |         |         |         |         |         |         |
| 80%     | 64.0   | -188                       | -152    | -115    | -79     | -43     | -6      | 30      | 67      | 103     |
| 85%     | 68.0   | -146                       | -107    | -68     | -29     | 9       | 48      | 87      | 126     | 165     |
| 90%     | 72.0   | -105                       | -63     | -22     | 20      | 61      | 103     | 145     | 186     | 228     |
| 95%     | 76.0   | -63                        | -19     | 25      | 69      | 113     | 158     | 202     | 246     | 290     |
| 100%    | 80.0   | -22                        | 25      | 72      | 119     | 165     | 212     | 259     | 306     | 353     |
| 105%    | 84.0   | 20                         | 69      | 119     | 168     | 217     | 267     | 316     | 366     | 415     |
| 110%    | 88.0   | 62                         | 114     | 166     | 218     | 269     | 321     | 373     | 425     | 477     |
| 115%    | 92.0   | 103                        | 158     | 212     | 267     | 321     | 376     | 431     | 485     | 540     |
| 120%    | 96.0   | 145                        | 202     | 259     | 316     | 373     | 431     | 488     | 545     | 602     |

Net returns above total specified costs for an owner operator is calculated here as market revenue less total specified costs. Specified costs include charges for direct costs and fixed machinery costs but excludes charges for land, general farm overhead and management expenses.

Table 5.D1 Estimated Net Returns above Direct Costs for a Tenant Operator  
Rice, Hybrid Variety, Drill Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | ----- (\$/acre) -----      |         |         |         |         |         |         |         |         |
| 80%     | 64.0   | -179                       | -154    | -128    | -103    | -78     | -52     | -27     | -1      | 24      |
| 85%     | 68.0   | -150                       | -123    | -96     | -68     | -41     | -14     | 13      | 41      | 68      |
| 90%     | 72.0   | -121                       | -92     | -63     | -34     | -5      | 24      | 53      | 83      | 112     |
| 95%     | 76.0   | -92                        | -61     | -30     | 1       | 32      | 63      | 94      | 124     | 155     |
| 100%    | 80.0   | -63                        | -30     | 3       | 35      | 68      | 101     | 134     | 166     | 199     |
| 105%    | 84.0   | -34                        | 1       | 35      | 70      | 104     | 139     | 174     | 208     | 243     |
| 110%    | 88.0   | -5                         | 32      | 68      | 105     | 141     | 177     | 214     | 250     | 286     |
| 115%    | 92.0   | 25                         | 63      | 101     | 139     | 177     | 215     | 254     | 292     | 330     |
| 120%    | 96.0   | 54                         | 94      | 134     | 174     | 214     | 254     | 294     | 334     | 374     |

Net returns above direct costs for a tenant operator is calculated here as the grower's share of market revenue less direct production costs paid by the grower. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Table 5.D2 Estimated Net Returns above Total Specified Costs for a Tenant Operator  
Rice, Hybrid Variety, Drill Planted, Conventional Tillage,  
Southwest Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | ----- (\$/acre) -----      |         |         |         |         |         |         |         |         |
| 80%     | 64.0   | -231                       | -205    | -180    | -154    | -129    | -103    | -78     | -52     | -27     |
| 85%     | 68.0   | -202                       | -174    | -147    | -120    | -92     | -65     | -38     | -11     | 17      |
| 90%     | 72.0   | -172                       | -143    | -114    | -85     | -56     | -27     | 2       | 31      | 60      |
| 95%     | 76.0   | -143                       | -112    | -81     | -51     | -20     | 11      | 42      | 73      | 104     |
| 100%    | 80.0   | -114                       | -81     | -49     | -16     | 17      | 50      | 82      | 115     | 148     |
| 105%    | 84.0   | -85                        | -51     | -16     | 19      | 53      | 88      | 122     | 157     | 191     |
| 110%    | 88.0   | -56                        | -20     | 17      | 53      | 90      | 126     | 162     | 199     | 235     |
| 115%    | 92.0   | -27                        | 11      | 50      | 88      | 126     | 164     | 202     | 241     | 279     |
| 120%    | 96.0   | 2                          | 42      | 82      | 122     | 162     | 202     | 242     | 282     | 322     |

Net returns above total specified costs for a tenant operator is calculated here as the grower's share of market revenue less total specified costs paid by the grower. Specified costs include charges for direct costs and fixed machinery costs but exclude charges for general farm overhead and management expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Table 6.A Estimated costs per acre,  
Rice, Ratoon Crop,  
Southwest Louisiana, 2022.

| ITEM                      | UNIT | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|---------------------------|------|---------|----------|---------|-----------|
|                           |      | dollars |          | dollars |           |
| DIRECT EXPENSES           |      |         |          |         |           |
| CUSTOM SPRAY              |      |         |          |         |           |
| LARice GPS Charge-SW acre |      | 0.35    | 1.0000   | 0.35    | _____     |
| GIN/DRY                   |      |         |          |         |           |
| LARice Dry                | cwt  | 0.90    | 25.5000  | 22.95   | _____     |
| FERTILIZERS               |      |         |          |         |           |
| LA Nitrogen               | lb   | 0.76    | 55.0000  | 41.80   | _____     |
| SERVICE FEE               |      |         |          |         |           |
| Digital Ag Fee            | acre | 8.50    | 1.0000   | 8.50    | _____     |
| CUSTOM FERT/LIME          |      |         |          |         |           |
| App Fert by Air           | cwt  | 7.50    | 1.2000   | 9.00    | _____     |
| CUSTOM HARVEST/HAUL       |      |         |          |         |           |
| LARice Haul               | cwt  | 0.30    | 23.0000  | 6.90    | _____     |
| LA OPERATOR LABOR         |      |         |          |         |           |
| Self-Propelled            | hour | 15.30   | 0.3303   | 5.05    | _____     |
| LA Hired Labor            |      |         |          |         |           |
| Tractors                  | hour | 11.88   | 0.0820   | 0.98    | _____     |
| LA Irrigation Labor       |      |         |          |         |           |
| Irrigation System 3       | hour | 11.88   | 0.0861   | 1.03    | _____     |
| DIESEL FUEL               |      |         |          |         |           |
| Tractors                  | gal  | 2.84    | 0.6332   | 1.80    | _____     |
| Self-Propelled            | gal  | 2.84    | 2.5825   | 7.33    | _____     |
| Irrigation System 3       | gal  | 2.84    | 13.1355  | 37.30   | _____     |
| REPAIR & MAINTENANCE      |      |         |          |         |           |
| Implements                | acre | 0.22    | 1.0000   | 0.22    | _____     |
| Tractors                  | acre | 0.37    | 1.0000   | 0.37    | _____     |
| Self-Propelled            | acre | 14.53   | 1.0000   | 14.53   | _____     |
| INTEREST ON OP. CAP.      | acre | 1.35    | 1.0000   | 1.35    | _____     |
|                           |      |         |          | -----   |           |
| TOTAL DIRECT EXPENSES     |      |         |          | 159.46  | _____     |
| FIXED EXPENSES            |      |         |          |         |           |
| Implements                | acre | 0.23    | 1.0000   | 0.23    | _____     |
| Tractors                  | acre | 2.06    | 1.0000   | 2.06    | _____     |
| Self-Propelled            | acre | 20.89   | 1.0000   | 20.89   | _____     |
|                           |      |         |          | -----   |           |
| TOTAL FIXED EXPENSES      |      |         |          | 23.18   | _____     |
|                           |      |         |          | -----   |           |
| TOTAL SPECIFIED EXPENSES  |      |         |          | 182.64  | _____     |

Table 6.B Estimated resource use and costs for field operations, per acre, Rice, Ratoon Crop, Southwest Louisiana, 2022.

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | POWER UNIT<br>SIZE | PERF<br>RATE | TIMES<br>OVER | MTH | POWER UNIT COST   |       | EQUIPMENT COST |       | ALLOC LABOR |      | OPERATING/DURABLE INPUT |       |       | TOTAL<br>COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|------|-------------------------|-------|-------|---------------|
|                               |               |                    |              |               |     | DIRECT            | FIXED | DIRECT         | FIXED | HOURS       | COST | AMOUNT                  | PRICE | COST  |               |
|                               |               |                    |              |               |     | -----dollars----- |       |                |       | dollars     |      | -----dollars-----       |       |       |               |
| Blade-Scraper                 | 10'           | MFWD 150           | 1.176        | 0.06          | Aug | 1.87              | 1.77  | 0.13           | 0.09  | 0.07        | 0.84 |                         |       |       | 4.70          |
| Irrigation System 3           |               |                    |              |               | Aug |                   |       |                |       |             |      |                         |       |       |               |
| App Fert by Air               | cwt           |                    |              | 1.00          | Aug |                   |       |                |       |             |      | 1.2000                  | 7.50  | 9.00  | 9.00          |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |      | 55.0000                 | 0.76  | 41.80 | 41.80         |
| LARice GPS Charge-SW acre     |               |                    |              |               |     |                   |       |                |       |             |      | 1.0000                  | 0.35  | 0.35  | 0.35          |
| LA Rice Combine-2             | 25 ft         |                    | 0.300        | 1.00          | Oct | 21.86             | 20.89 |                |       | 0.33        | 5.05 |                         |       |       | 47.80         |
| Rice Grain Cart               | 500 Bu        | MFWD 150           | 0.057        | 0.20          | Oct | 0.30              | 0.29  | 0.09           | 0.14  | 0.01        | 0.14 |                         |       |       | 0.96          |
| LARice Haul                   | cwt           |                    |              | 1.00          | Oct |                   |       |                |       |             |      | 23.0000                 | 0.30  | 6.90  | 6.90          |
| Digital Ag Fee                | acre          |                    |              | 1.00          | Oct |                   |       |                |       |             |      | 1.0000                  | 8.50  | 8.50  | 8.50          |
| LARice Dry                    | cwt           |                    |              | 1.00          | Nov |                   |       |                |       |             |      | 25.5000                 | 0.90  | 22.95 | 22.95         |
| Irrigation System 3           | acre          |                    |              |               | Aug |                   |       | 37.30          |       | 0.08        | 1.03 | 1.0000                  |       |       | 38.33         |
| TOTALS                        |               |                    |              |               |     | 24.03             | 22.95 | 37.52          | 0.23  | 0.49        | 7.06 |                         |       | 89.50 | 181.29        |
| INTEREST ON OPERATING CAPITAL |               |                    |              |               |     |                   |       |                |       |             |      |                         |       |       | 1.35          |
| UNALLOCATED LABOR             |               |                    |              |               |     |                   |       |                |       |             |      |                         |       |       | 0.00          |
| TOTAL SPECIFIED COST          |               |                    |              |               |     |                   |       |                |       |             |      |                         |       |       | 182.64        |

Table 6.C1 Estimated Net Returns above Direct Costs for an Owner Operator  
Rice, Ratoon Crop,  
Southwest Louisiana, 2022.

|                       |        | Percent                    |         |         |         |         |         |         |         |         |
|-----------------------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                       |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield                 |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent               | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
| ----- (\$/acre) ----- |        |                            |         |         |         |         |         |         |         |         |
| 80%                   | 18.4   | 38                         | 48      | 59      | 69      | 80      | 90      | 100     | 111     | 121     |
| 85%                   | 19.6   | 50                         | 61      | 72      | 83      | 94      | 106     | 117     | 128     | 139     |
| 90%                   | 20.7   | 62                         | 74      | 86      | 97      | 109     | 121     | 133     | 145     | 157     |
| 95%                   | 21.9   | 74                         | 86      | 99      | 112     | 124     | 137     | 150     | 162     | 175     |
| 100%                  | 23.0   | 86                         | 99      | 112     | 126     | 139     | 153     | 166     | 180     | 193     |
| 105%                  | 24.2   | 97                         | 112     | 126     | 140     | 154     | 168     | 183     | 197     | 211     |
| 110%                  | 25.3   | 109                        | 124     | 139     | 154     | 169     | 184     | 199     | 214     | 229     |
| 115%                  | 26.5   | 121                        | 137     | 153     | 168     | 184     | 200     | 216     | 231     | 247     |
| 120%                  | 27.6   | 133                        | 150     | 166     | 183     | 199     | 216     | 232     | 248     | 265     |

Net returns above direct costs for an owner operator is calculated here as market revenue less direct production costs. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses.

Table 6.C2 Estimated Net Returns above Total Specified Costs for an Owner Operator  
Rice, Ratoon Crop,  
Southwest Louisiana, 2022.

|                       |        | Percent                    |         |         |         |         |         |         |         |         |
|-----------------------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                       |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield                 |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent               | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
| ----- (\$/acre) ----- |        |                            |         |         |         |         |         |         |         |         |
| 80%                   | 18.4   | 15                         | 25      | 35      | 46      | 56      | 67      | 77      | 88      | 98      |
| 85%                   | 19.6   | 26                         | 38      | 49      | 60      | 71      | 82      | 94      | 105     | 116     |
| 90%                   | 20.7   | 38                         | 50      | 62      | 74      | 86      | 98      | 110     | 122     | 134     |
| 95%                   | 21.9   | 50                         | 63      | 76      | 88      | 101     | 114     | 127     | 139     | 152     |
| 100%                  | 23.0   | 62                         | 76      | 89      | 103     | 116     | 130     | 143     | 156     | 170     |
| 105%                  | 24.2   | 74                         | 88      | 103     | 117     | 131     | 145     | 159     | 174     | 188     |
| 110%                  | 25.3   | 86                         | 101     | 116     | 131     | 146     | 161     | 176     | 191     | 206     |
| 115%                  | 26.5   | 98                         | 114     | 130     | 145     | 161     | 177     | 192     | 208     | 224     |
| 120%                  | 27.6   | 110                        | 127     | 143     | 159     | 176     | 192     | 209     | 225     | 242     |

Net returns above total specified costs for an owner operator is calculated here as market revenue less total specified costs. Specified costs include charges for direct costs and fixed machinery costs but excludes charges for land, general farm overhead and management expenses.

Table 6.D1 Estimated Net Returns above Direct Costs for a Tenant Operator  
Rice, Ratoon Crop,  
Southwest Louisiana, 2022.

|                       |        | Percent                    |         |         |         |         |         |         |         |         |
|-----------------------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                       |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield                 |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent               | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
| ----- (\$/acre) ----- |        |                            |         |         |         |         |         |         |         |         |
| 80%                   | 18.4   | 25                         | 32      | 39      | 47      | 54      | 61      | 69      | 76      | 83      |
| 85%                   | 19.6   | 33                         | 41      | 49      | 57      | 65      | 72      | 80      | 88      | 96      |
| 90%                   | 20.7   | 42                         | 50      | 58      | 67      | 75      | 83      | 92      | 100     | 108     |
| 95%                   | 21.9   | 50                         | 59      | 68      | 77      | 85      | 94      | 103     | 112     | 121     |
| 100%                  | 23.0   | 58                         | 68      | 77      | 87      | 96      | 105     | 115     | 124     | 134     |
| 105%                  | 24.2   | 67                         | 77      | 87      | 96      | 106     | 116     | 126     | 136     | 146     |
| 110%                  | 25.3   | 75                         | 85      | 96      | 106     | 117     | 127     | 138     | 148     | 159     |
| 115%                  | 26.5   | 83                         | 94      | 105     | 116     | 127     | 138     | 149     | 160     | 171     |
| 120%                  | 27.6   | 92                         | 103     | 115     | 126     | 138     | 149     | 161     | 172     | 184     |

Net returns above direct costs for a tenant operator is calculated here as the grower's share of market revenue less direct production costs paid by the grower. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Table 6.D2 Estimated Net Returns above Total Specified Costs for a Tenant Operator  
Rice, Ratoon Crop,  
Southwest Louisiana, 2022.

|                       |        | Percent                    |         |         |         |         |         |         |         |         |
|-----------------------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                       |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield                 |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent               | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
| ----- (\$/acre) ----- |        |                            |         |         |         |         |         |         |         |         |
| 80%                   | 18.4   | 2                          | 9       | 16      | 24      | 31      | 38      | 46      | 53      | 60      |
| 85%                   | 19.6   | 10                         | 18      | 26      | 34      | 41      | 49      | 57      | 65      | 73      |
| 90%                   | 20.7   | 18                         | 27      | 35      | 43      | 52      | 60      | 69      | 77      | 85      |
| 95%                   | 21.9   | 27                         | 36      | 45      | 53      | 62      | 71      | 80      | 89      | 98      |
| 100%                  | 23.0   | 35                         | 45      | 54      | 63      | 73      | 82      | 92      | 101     | 110     |
| 105%                  | 24.2   | 43                         | 53      | 63      | 73      | 83      | 93      | 103     | 113     | 123     |
| 110%                  | 25.3   | 52                         | 62      | 73      | 83      | 94      | 104     | 115     | 125     | 136     |
| 115%                  | 26.5   | 60                         | 71      | 82      | 93      | 104     | 115     | 126     | 137     | 148     |
| 120%                  | 27.6   | 69                         | 80      | 92      | 103     | 115     | 126     | 138     | 149     | 161     |

Net returns above total specified costs for a tenant operator is calculated here as the grower's share of market revenue less total specified costs paid by the grower. Specified costs include charges for direct costs and fixed machinery costs but exclude charges for general farm overhead and management expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Table 7.A Estimated costs per acre,  
Rice, Conventional Variety, Drill Planted, Conventional Tillage,  
Northeast Louisiana, 2022.

| ITEM                     | UNIT | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--------------------------|------|---------|----------|---------|-----------|
|                          |      | dollars |          | dollars |           |
| DIRECT EXPENSES          |      |         |          |         |           |
| CUSTOM SPRAY             |      |         |          |         |           |
| LARice GPS Charge NE     | acre | 0.25    | 7.0000   | 1.75    | _____     |
| App by Air ( 5 gal)      | appl | 7.00    | 4.0000   | 28.00   | _____     |
| GIN/DRY                  |      |         |          |         |           |
| LARice Dry               | cwt  | 0.90    | 78.0000  | 70.20   | _____     |
| FERTILIZERS              |      |         |          |         |           |
| LA Nitrogen              | lb   | 0.76    | 170.0000 | 129.20  | _____     |
| FUNGICIDES               |      |         |          |         |           |
| Quadris                  | oz   | 2.72    | 10.0000  | 27.20   | _____     |
| HERBICIDES               |      |         |          |         |           |
| Command 3ME              | pt   | 18.50   | 0.8000   | 14.80   | _____     |
| Permit 75DF              | oz   | 15.00   | 1.0000   | 15.00   | _____     |
| INSECTICIDES             |      |         |          |         |           |
| Karate Z                 | oz   | 1.41    | 4.0000   | 5.64    | _____     |
| IRRIGATION SUPPLIES      |      |         |          |         |           |
| Rice Gates               | each | 3.65    | 1.0000   | 3.65    | _____     |
| SEED/PLANTS              |      |         |          |         |           |
| Rice Seed Conv.          | lb   | 0.35    | 90.0000  | 31.50   | _____     |
| SERVICE FEE              |      |         |          |         |           |
| Digital Ag Fee           | acre | 8.50    | 1.0000   | 8.50    | _____     |
| CUSTOM FERT/LIME         |      |         |          |         |           |
| App Fert by Air          | cwt  | 7.50    | 3.7000   | 27.75   | _____     |
| CUSTOM HARVEST/HAUL      |      |         |          |         |           |
| LARice Haul              | cwt  | 0.30    | 71.0000  | 21.30   | _____     |
| 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 | 11.88   | 0.8249   | 9.82    | _____     |
| LA Irrigation Labor      |      |         |          |         |           |
| Irrigation System 5      | hour | 11.88   | 0.4361   | 5.19    | _____     |
| DIESEL FUEL              |      |         |          |         |           |
| Tractors                 | gal  | 2.84    | 7.9039   | 22.46   | _____     |
| Self-Propelled           | gal  | 2.84    | 2.5825   | 7.33    | _____     |
| Irrigation System 5      | gal  | 2.84    | 28.5331  | 81.03   | _____     |
| REPAIR & MAINTENANCE     |      |         |          |         |           |
| Implements               | acre | 6.54    | 1.0000   | 6.54    | _____     |
| Tractors                 | acre | 4.87    | 1.0000   | 4.87    | _____     |
| Self-Propelled           | acre | 14.53   | 1.0000   | 14.53   | _____     |
| Irrigation System 5      | acre | 2.17    | 1.0000   | 2.17    | _____     |
| INTEREST ON OP. CAP.     | acre | 6.17    | 1.0000   | 6.17    | _____     |
|                          |      |         |          | -----   |           |
| TOTAL DIRECT EXPENSES    |      |         |          | 550.50  | _____     |
| FIXED EXPENSES           |      |         |          |         |           |
| Implements               | acre | 13.05   | 1.0000   | 13.05   | _____     |
| Tractors                 | acre | 28.27   | 1.0000   | 28.27   | _____     |
| Self-Propelled           | acre | 20.89   | 1.0000   | 20.89   | _____     |
| Irrigation System 5      | acre | 12.27   | 1.0000   | 12.27   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL FIXED EXPENSES     |      |         |          | 74.48   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL SPECIFIED EXPENSES |      |         |          | 624.98  | _____     |

Table 7.B Estimated resource use and costs for field operations, per acre, Rice, Conventional Variety, Drill Plant, Conventional Tillage, (In Rotation), Northeast Louisiana, 2022.

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | POWER UNIT<br>SIZE | PERF<br>RATE | TIMES<br>OVER | MTH | POWER UNIT COST   |       | EQUIPMENT COST |       | ALLOC LABOR |       | OPERATING/DURABLE INPUT |       |        | TOTAL<br>COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|-------|-------------------------|-------|--------|---------------|
|                               |               |                    |              |               |     | DIRECT            | FIXED | DIRECT         | FIXED | HOURS       | COST  | AMOUNT                  | PRICE | COST   |               |
|                               |               |                    |              |               |     | -----dollars----- |       |                |       | dollars     |       | -----dollars-----       |       |        |               |
| Disk Harrow                   | 32'           | 4WD 300            | 0.061        | 1.00          | Nov | 3.26              | 3.37  | 1.07           | 2.10  | 0.06        | 0.73  |                         |       |        | 10.53         |
| Ditcher                       |               | MFWD 150           | 0.020        | 2.00          | Nov | 1.06              | 1.00  | 0.10           | 0.13  | 0.04        | 0.48  |                         |       |        | 2.77          |
| Disk Harrow                   | 28'           | MFWD 190           | 0.070        | 2.00          | Mar | 4.80              | 5.32  | 2.43           | 4.77  | 0.14        | 1.67  |                         |       |        | 18.99         |
| Irrigation System 5           |               |                    |              |               | Mar |                   |       |                |       |             |       |                         |       |        |               |
| Ditcher                       |               | MFWD 150           | 0.020        | 1.00          | Mar | 0.53              | 0.50  | 0.05           | 0.06  | 0.02        | 0.24  |                         |       |        | 1.38          |
| Field Cultivate               | 32'           | 4WD 300            | 0.046        | 1.00          | Mar | 2.48              | 2.56  | 0.51           | 2.00  | 0.04        | 0.55  |                         |       |        | 8.10          |
| LARice Levee Plow             | 8 ft          | MFWD 190           | 0.050        | 4.00          | Mar | 6.84              | 7.59  | 0.31           | 0.71  | 0.20        | 2.38  |                         |       |        | 17.83         |
| App Fert by Air               | cwt           |                    |              | 1.00          | Apr |                   |       |                |       |             |       | 0.4000                  | 7.50  | 3.00   | 3.00          |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 20.0000                 | 0.76  | 15.20  | 15.20         |
| LARice GPS Charge_NE acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.25  | 0.25   | 0.25          |
| Grain Drill                   | 20'           | MFWD 150           | 0.094        | 1.00          | Apr | 2.49              | 2.36  | 1.48           | 2.63  | 0.18        | 1.97  |                         |       |        | 10.93         |
| Rice Seed Conv.               | lb            |                    |              |               |     |                   |       |                |       |             |       | 90.0000                 | 0.35  | 31.50  | 31.50         |
| Ditcher                       |               | MFWD 150           | 0.020        | 1.00          | Apr | 0.53              | 0.50  | 0.05           | 0.06  | 0.02        | 0.24  |                         |       |        | 1.38          |
| Blade-Scraper                 | 10'           | MFWD 150           | 1.176        | 0.09          | Apr | 2.79              | 2.65  | 0.19           | 0.14  | 0.10        | 1.26  |                         |       |        | 7.03          |
| 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 | 0.66              | 0.63  | 0.13           | 0.17  | 0.02        | 0.30  |                         |       |        | 1.89          |
| LA Boom Sprayer               | 30 ft         | MFWD 150           | 0.059        | 1.00          | Apr | 1.59              | 1.50  | 0.13           | 0.14  | 0.05        | 0.71  |                         |       |        | 4.07          |
| Command 3ME                   | pt            |                    |              |               |     |                   |       |                |       |             |       | 0.8000                  | 18.50 | 14.80  | 14.80         |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Apr |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Karate Z                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 2.0000                  | 1.41  | 2.82   | 2.82          |
| LARice GPS Charge_NE acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.25  | 0.25   | 0.25          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | May |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Permit 75DF                   | oz            |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 15.00 | 15.00  | 15.00         |
| LARice GPS Charge_NE acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.25  | 0.25   | 0.25          |
| App Fert by Air               | cwt           |                    |              | 1.00          | May |                   |       |                |       |             |       | 2.0000                  | 7.50  | 15.00  | 15.00         |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 90.0000                 | 0.76  | 68.40  | 68.40         |
| LARice GPS Charge_NE acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.25  | 0.25   | 0.25          |
| App Fert by Air               | cwt           |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.3000                  | 7.50  | 9.75   | 9.75          |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 60.0000                 | 0.76  | 45.60  | 45.60         |
| LARice GPS Charge_NE acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.25  | 0.25   | 0.25          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Quadris                       | oz            |                    |              |               |     |                   |       |                |       |             |       | 10.0000                 | 2.72  | 27.20  | 27.20         |
| LARice GPS Charge_NE acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.25  | 0.25   | 0.25          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jul |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Karate Z                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 2.0000                  | 1.41  | 2.82   | 2.82          |
| LARice GPS Charge_NE acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.25  | 0.25   | 0.25          |
| LA Rice Combine               | 25 ft         |                    | 0.300        | 1.00          | Aug | 21.86             | 20.89 |                |       | 0.33        | 5.05  |                         |       |        | 47.80         |
| Rice Grain Cart               | 500 Bu        | MFWD 150           | 0.057        | 0.20          | Aug | 0.30              | 0.29  | 0.09           | 0.14  | 0.01        | 0.14  |                         |       |        | 0.96          |
| LARice Haul                   | cwt           |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 71.0000                 | 0.30  | 21.30  | 21.30         |
| LARice Dry                    | cwt           |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 78.0000                 | 0.90  | 70.20  | 70.20         |
| Digital Ag Fee                | acre          |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 1.0000                  | 8.50  | 8.50   | 8.50          |
| Irrigation System 5           | acre          |                    |              |               | Mar |                   |       | 83.20          | 12.27 | 0.43        | 5.19  | 1.0000                  |       |        | 100.66        |
| TOTALS                        |               |                    |              |               |     | 49.19             | 49.16 | 89.74          | 25.32 | 1.68        | 20.91 |                         |       | 384.49 | 618.81        |
| INTEREST ON OPERATING CAPITAL |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        | 6.17          |
| UNALLOCATED LABOR             |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        | 0.00          |
| TOTAL SPECIFIED COST          |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        | 624.98        |

Table 7.C1 Estimated Net Returns above Direct Costs for an Owner Operator  
Rice, Conventional Variety, Drill Planted, Conventional Tillage,  
Northeast Louisiana, 2022.

|                       |        | Percent                    |         |         |         |         |         |         |         |         |
|-----------------------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                       |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield                 |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent               | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
| ----- (\$/acre) ----- |        |                            |         |         |         |         |         |         |         |         |
| 80%                   | 59.2   | 82                         | 116     | 150     | 184     | 218     | 252     | 285     | 319     | 353     |
| 85%                   | 62.9   | 121                        | 157     | 193     | 230     | 266     | 302     | 338     | 375     | 411     |
| 90%                   | 66.6   | 159                        | 198     | 237     | 275     | 314     | 353     | 391     | 430     | 469     |
| 95%                   | 70.3   | 198                        | 239     | 280     | 321     | 362     | 403     | 444     | 485     | 526     |
| 100%                  | 74.0   | 236                        | 280     | 323     | 367     | 410     | 454     | 497     | 541     | 584     |
| 105%                  | 77.7   | 275                        | 321     | 367     | 412     | 458     | 504     | 550     | 596     | 642     |
| 110%                  | 81.4   | 313                        | 362     | 410     | 458     | 506     | 555     | 603     | 651     | 699     |
| 115%                  | 85.1   | 352                        | 402     | 453     | 504     | 554     | 605     | 656     | 706     | 757     |
| 120%                  | 88.8   | 390                        | 443     | 496     | 549     | 603     | 656     | 709     | 762     | 815     |

Net returns above direct costs for an owner operator is calculated here as market revenue less direct production costs. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses.

Table 7.C2 Estimated Net Returns above Total Specified Costs for an Owner Operator  
Rice, Conventional Variety, Drill Planted, Conventional Tillage,  
Northeast Louisiana, 2022.

|                       |        | Percent                    |         |         |         |         |         |         |         |         |
|-----------------------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                       |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield                 |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent               | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
| ----- (\$/acre) ----- |        |                            |         |         |         |         |         |         |         |         |
| 80%                   | 59.2   | 8                          | 42      | 76      | 109     | 143     | 177     | 211     | 245     | 279     |
| 85%                   | 62.9   | 46                         | 83      | 119     | 155     | 191     | 228     | 264     | 300     | 336     |
| 90%                   | 66.6   | 85                         | 124     | 162     | 201     | 239     | 278     | 317     | 355     | 394     |
| 95%                   | 70.3   | 123                        | 164     | 205     | 247     | 288     | 329     | 370     | 411     | 452     |
| 100%                  | 74.0   | 162                        | 205     | 249     | 292     | 336     | 379     | 423     | 466     | 509     |
| 105%                  | 77.7   | 200                        | 246     | 292     | 338     | 384     | 430     | 475     | 521     | 567     |
| 110%                  | 81.4   | 239                        | 287     | 335     | 384     | 432     | 480     | 528     | 577     | 625     |
| 115%                  | 85.1   | 277                        | 328     | 379     | 429     | 480     | 531     | 581     | 632     | 683     |
| 120%                  | 88.8   | 316                        | 369     | 422     | 475     | 528     | 581     | 634     | 687     | 740     |

Net returns above total specified costs for an owner operator is calculated here as market revenue less total specified costs. Specified costs include charges for direct costs and fixed machinery costs but excludes charges for land, general farm overhead and management expenses.

Table 7.D1 Estimated Net Returns above Direct Costs for a Tenant Operator  
Rice, Conventional Variety, Drill Planted, Conventional Tillage,  
Northeast Louisiana, 2022.

|                       |        | Percent                    |         |         |         |         |         |         |         |         |
|-----------------------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                       |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield                 |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent               | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
| ----- (\$/acre) ----- |        |                            |         |         |         |         |         |         |         |         |
| 80%                   | 59.2   | 1                          | 25      | 48      | 72      | 96      | 119     | 143     | 167     | 190     |
| 85%                   | 62.9   | 28                         | 53      | 79      | 104     | 129     | 155     | 180     | 206     | 231     |
| 90%                   | 66.6   | 55                         | 82      | 109     | 136     | 163     | 190     | 217     | 244     | 271     |
| 95%                   | 70.3   | 82                         | 111     | 139     | 168     | 197     | 225     | 254     | 283     | 312     |
| 100%                  | 74.0   | 109                        | 139     | 170     | 200     | 230     | 261     | 291     | 322     | 352     |
| 105%                  | 77.7   | 136                        | 168     | 200     | 232     | 264     | 296     | 328     | 360     | 393     |
| 110%                  | 81.4   | 163                        | 196     | 230     | 264     | 298     | 332     | 365     | 399     | 433     |
| 115%                  | 85.1   | 190                        | 225     | 260     | 296     | 331     | 367     | 402     | 438     | 473     |
| 120%                  | 88.8   | 216                        | 254     | 291     | 328     | 365     | 402     | 439     | 477     | 514     |

Net returns above direct costs for a tenant operator is calculated here as the grower's share of market revenue less direct production costs paid by the grower. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Table 7.D2 Estimated Net Returns above Total Specified Costs for a Tenant Operator  
Rice, Conventional Variety, Drill Planted, Conventional Tillage,  
Northeast Louisiana, 2022.

|                       |        | Percent                    |         |         |         |         |         |         |         |         |
|-----------------------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                       |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield                 |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent               | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
| ----- (\$/acre) ----- |        |                            |         |         |         |         |         |         |         |         |
| 80%                   | 59.2   | -61                        | -38     | -14     | 10      | 34      | 57      | 81      | 105     | 128     |
| 85%                   | 62.9   | -34                        | -9      | 16      | 42      | 67      | 93      | 118     | 143     | 169     |
| 90%                   | 66.6   | -7                         | 20      | 47      | 74      | 101     | 128     | 155     | 182     | 209     |
| 95%                   | 70.3   | 20                         | 48      | 77      | 106     | 135     | 163     | 192     | 221     | 249     |
| 100%                  | 74.0   | 47                         | 77      | 107     | 138     | 168     | 199     | 229     | 259     | 290     |
| 105%                  | 77.7   | 73                         | 106     | 138     | 170     | 202     | 234     | 266     | 298     | 330     |
| 110%                  | 81.4   | 100                        | 134     | 168     | 202     | 236     | 269     | 303     | 337     | 371     |
| 115%                  | 85.1   | 127                        | 163     | 198     | 234     | 269     | 305     | 340     | 376     | 411     |
| 120%                  | 88.8   | 154                        | 191     | 229     | 266     | 303     | 340     | 377     | 414     | 452     |

Net returns above total specified costs for a tenant operator is calculated here as the grower's share of market revenue less total specified costs paid by the grower. Specified costs include charges for direct costs and fixed machinery costs but exclude charges for general farm overhead and management expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Table 8.A Estimated costs per acre,  
Rice, Clearfield Variety, Drill Planted, Conventional Tillage,  
Northeast Louisiana, 2022.

| ITEM                     | UNIT | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--------------------------|------|---------|----------|---------|-----------|
|                          |      | dollars |          | dollars |           |
| DIRECT EXPENSES          |      |         |          |         |           |
| CUSTOM SPRAY             |      |         |          |         |           |
| LARice GPS Charge NE     | acre | 0.25    | 8.0000   | 2.00    | _____     |
| App by Air ( 5 gal)      | appl | 7.00    | 5.0000   | 35.00   | _____     |
| GIN/DRY                  |      |         |          |         |           |
| LARice Dry               | cwt  | 0.90    | 82.1000  | 73.89   | _____     |
| FERTILIZERS              |      |         |          |         |           |
| LA Nitrogen              | lb   | 0.76    | 170.0000 | 129.20  | _____     |
| FUNGICIDES               |      |         |          |         |           |
| Quadris                  | oz   | 2.72    | 10.0000  | 27.20   | _____     |
| HERBICIDES               |      |         |          |         |           |
| Newpath 2SL              | oz   | 3.43    | 8.0000   | 27.44   | _____     |
| Aim 2EC                  | oz   | 5.00    | 1.6000   | 8.00    | _____     |
| INSECTICIDES             |      |         |          |         |           |
| Karate Z                 | oz   | 1.41    | 4.0000   | 5.64    | _____     |
| IRRIGATION SUPPLIES      |      |         |          |         |           |
| Rice Gates               | each | 3.65    | 1.0000   | 3.65    | _____     |
| SEED/PLANTS              |      |         |          |         |           |
| Rice Clearfield 161      | lb   | 1.15    | 75.0000  | 86.25   | _____     |
| SERVICE FEE              |      |         |          |         |           |
| Digital Ag Fee           | acre | 8.50    | 1.0000   | 8.50    | _____     |
| CUSTOM FERT/LIME         |      |         |          |         |           |
| App Fert by Air          | cwt  | 7.50    | 3.7000   | 27.75   | _____     |
| CUSTOM HARVEST/HAUL      |      |         |          |         |           |
| LARice Haul              | cwt  | 0.30    | 74.0000  | 22.20   | _____     |
| 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 | 11.88   | 0.7537   | 8.97    | _____     |
| LA Irrigation Labor      |      |         |          |         |           |
| Irrigation System 5      | hour | 11.88   | 0.4361   | 5.19    | _____     |
| DIESEL FUEL              |      |         |          |         |           |
| Tractors                 | gal  | 2.84    | 6.7604   | 19.21   | _____     |
| Self-Propelled           | gal  | 2.84    | 2.5825   | 7.33    | _____     |
| Irrigation System 5      | gal  | 2.84    | 28.5331  | 81.03   | _____     |
| REPAIR & MAINTENANCE     |      |         |          |         |           |
| Implements               | acre | 6.50    | 1.0000   | 6.50    | _____     |
| Tractors                 | acre | 4.26    | 1.0000   | 4.26    | _____     |
| Self-Propelled           | acre | 14.53   | 1.0000   | 14.53   | _____     |
| Irrigation System 5      | acre | 2.17    | 1.0000   | 2.17    | _____     |
| INTEREST ON OP. CAP.     | acre | 7.04    | 1.0000   | 7.04    | _____     |
|                          |      |         |          | -----   |           |
| TOTAL DIRECT EXPENSES    |      |         |          | 618.85  | _____     |
| FIXED EXPENSES           |      |         |          |         |           |
| Implements               | acre | 13.13   | 1.0000   | 13.13   | _____     |
| Tractors                 | acre | 24.77   | 1.0000   | 24.77   | _____     |
| Self-Propelled           | acre | 20.89   | 1.0000   | 20.89   | _____     |
| Irrigation System 5      | acre | 12.27   | 1.0000   | 12.27   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL FIXED EXPENSES     |      |         |          | 71.06   | _____     |
|                          |      |         |          | -----   |           |
| TOTAL SPECIFIED EXPENSES |      |         |          | 689.91  | _____     |

Table 8.B Estimated resource use and costs for field operations, per acre, Rice, Clearfield Variety, Drill Plant, Conventional Tillage, (In Rotation), Northeast Louisiana, 2022.

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | POWER UNIT<br>SIZE | PERF<br>RATE | TIMES<br>OVER | MTH | POWER UNIT COST   |       | EQUIPMENT COST |       | ALLOC LABOR |       | OPERATING/DURABLE INPUT |       |        | TOTAL<br>COST |
|-------------------------------|---------------|--------------------|--------------|---------------|-----|-------------------|-------|----------------|-------|-------------|-------|-------------------------|-------|--------|---------------|
|                               |               |                    |              |               |     | DIRECT            | FIXED | DIRECT         | FIXED | HOURS       | COST  | AMOUNT                  | PRICE | COST   |               |
|                               |               |                    |              |               |     | -----dollars----- |       |                |       | dollars     |       | -----dollars-----       |       |        |               |
| Disk Harrow                   | 28'           | MFWD 190           | 0.070        | 1.00          | Nov | 2.40              | 2.66  | 1.21           | 2.39  | 0.07        | 0.83  |                         |       |        | 9.49          |
| Ditcher                       |               | MFWD 150           | 0.020        | 1.00          | Nov | 0.53              | 0.50  | 0.05           | 0.06  | 0.02        | 0.24  |                         |       |        | 1.38          |
| Disk Harrow                   | 28'           | MFWD 190           | 0.070        | 2.00          | Mar | 4.80              | 5.32  | 2.43           | 4.77  | 0.14        | 1.67  |                         |       |        | 18.99         |
| Irrigation System 5           |               |                    |              |               | Mar |                   |       |                |       |             |       |                         |       |        |               |
| Ditcher                       |               | MFWD 150           | 0.020        | 1.00          | Mar | 0.53              | 0.50  | 0.05           | 0.06  | 0.02        | 0.24  |                         |       |        | 1.38          |
| Field Cultivate               | 32'           | MFWD 190           | 0.046        | 1.00          | Mar | 1.60              | 1.77  | 0.51           | 2.00  | 0.04        | 0.55  |                         |       |        | 6.43          |
| LARice Levee Plow             | 8 ft          | MFWD 190           | 0.050        | 4.00          | Mar | 6.84              | 7.59  | 0.31           | 0.71  | 0.20        | 2.38  |                         |       |        | 17.83         |
| App Fert by Air               | cwt           |                    |              | 1.00          | Apr |                   |       |                |       |             |       | 0.4000                  | 7.50  | 3.00   | 3.00          |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 20.0000                 | 0.76  | 15.20  | 15.20         |
| LARice GPS Charge_NE acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.25  | 0.25   | 0.25          |
| Grain Drill                   | 20'           | MFWD 150           | 0.094        | 1.00          | Apr | 2.49              | 2.36  | 1.48           | 2.63  | 0.18        | 1.97  |                         |       |        | 10.93         |
| Rice Clearfield 161           | lb            |                    |              |               |     |                   |       |                |       |             |       | 75.0000                 | 1.15  | 86.25  | 86.25         |
| Blade-Scraper                 | 10'           | MFWD 150           | 1.176        | 0.09          | Apr | 2.79              | 2.65  | 0.19           | 0.14  | 0.10        | 1.26  |                         |       |        | 7.03          |
| Ditcher                       |               | MFWD 150           | 0.020        | 1.00          | Apr | 0.53              | 0.50  | 0.05           | 0.06  | 0.02        | 0.24  |                         |       |        | 1.38          |
| 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 | 0.66              | 0.63  | 0.13           | 0.17  | 0.02        | 0.30  |                         |       |        | 1.89          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Apr |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Newpath 2SL                   | oz            |                    |              |               |     |                   |       |                |       |             |       | 4.0000                  | 3.43  | 13.72  | 13.72         |
| LARice GPS Charge_NE acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.25  | 0.25   | 0.25          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Apr |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Karate Z                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 2.0000                  | 1.41  | 2.82   | 2.82          |
| LARice GPS Charge_NE acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.25  | 0.25   | 0.25          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | May |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Newpath 2SL                   | oz            |                    |              |               |     |                   |       |                |       |             |       | 4.0000                  | 3.43  | 13.72  | 13.72         |
| Aim 2EC                       | oz            |                    |              |               |     |                   |       |                |       |             |       | 1.6000                  | 5.00  | 8.00   | 8.00          |
| LARice GPS Charge_NE acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.25  | 0.25   | 0.25          |
| App Fert by Air               | cwt           |                    |              | 1.00          | May |                   |       |                |       |             |       | 2.0000                  | 7.50  | 15.00  | 15.00         |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 90.0000                 | 0.76  | 68.40  | 68.40         |
| LARice GPS Charge_NE acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.25  | 0.25   | 0.25          |
| App Fert by Air               | cwt           |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.3000                  | 7.50  | 9.75   | 9.75          |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |       |                |       |             |       | 60.0000                 | 0.76  | 45.60  | 45.60         |
| LARice GPS Charge_NE acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.25  | 0.25   | 0.25          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jun |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Quadris                       | oz            |                    |              |               |     |                   |       |                |       |             |       | 10.0000                 | 2.72  | 27.20  | 27.20         |
| LARice GPS Charge_NE acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.25  | 0.25   | 0.25          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Jul |                   |       |                |       |             |       | 1.0000                  | 7.00  | 7.00   | 7.00          |
| Karate Z                      | oz            |                    |              |               |     |                   |       |                |       |             |       | 2.0000                  | 1.41  | 2.82   | 2.82          |
| LARice GPS Charge_NE acre     |               |                    |              |               |     |                   |       |                |       |             |       | 1.0000                  | 0.25  | 0.25   | 0.25          |
| LA Rice Combine               | 25 ft         |                    | 0.300        | 1.00          | Aug | 21.86             | 20.89 |                |       | 0.33        | 5.05  |                         |       |        | 47.80         |
| Rice Grain Cart               | 500 Bu        | MFWD 150           | 0.057        | 0.20          | Aug | 0.30              | 0.29  | 0.09           | 0.14  | 0.01        | 0.14  |                         |       |        | 0.96          |
| LARice Haul                   | cwt           |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 74.0000                 | 0.30  | 22.20  | 22.20         |
| LARice Dry                    | cwt           |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 82.1000                 | 0.90  | 73.89  | 73.89         |
| Digital Ag Fee                | acre          |                    |              | 1.00          | Aug |                   |       |                |       |             |       | 1.0000                  | 8.50  | 8.50   | 8.50          |
| Irrigation System 5           | acre          |                    |              |               | Mar |                   |       | 83.20          | 12.27 | 0.43        | 5.19  | 1.0000                  |       |        | 100.66        |
| TOTALS                        |               |                    |              |               |     | 45.33             | 45.66 | 89.70          | 25.40 | 1.61        | 20.06 |                         |       | 456.72 | 682.87        |
| INTEREST ON OPERATING CAPITAL |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        | 7.04          |
| UNALLOCATED LABOR             |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        | 0.00          |
| TOTAL SPECIFIED COST          |               |                    |              |               |     |                   |       |                |       |             |       |                         |       |        | 689.91        |

Table 8.C1 Estimated Net Returns above Direct Costs for an Owner Operator  
Rice, Clearfield Variety, Drill Planted, Conventional Tillage,  
Northeast Louisiana, 2022.

|                       |        | Percent                    |         |         |         |         |         |         |         |         |
|-----------------------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                       |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield                 |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent               | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
| ----- (\$/acre) ----- |        |                            |         |         |         |         |         |         |         |         |
| 80%                   | 59.2   | 15                         | 49      | 83      | 116     | 150     | 184     | 217     | 251     | 285     |
| 85%                   | 62.9   | 54                         | 90      | 126     | 162     | 198     | 234     | 270     | 306     | 342     |
| 90%                   | 66.6   | 92                         | 131     | 169     | 208     | 246     | 285     | 323     | 362     | 400     |
| 95%                   | 70.3   | 131                        | 172     | 213     | 253     | 294     | 335     | 376     | 417     | 458     |
| 100%                  | 74.0   | 169                        | 213     | 256     | 299     | 342     | 386     | 429     | 472     | 515     |
| 105%                  | 77.7   | 208                        | 254     | 299     | 345     | 391     | 436     | 482     | 528     | 573     |
| 110%                  | 81.4   | 246                        | 294     | 343     | 391     | 439     | 487     | 535     | 583     | 631     |
| 115%                  | 85.1   | 285                        | 335     | 386     | 436     | 487     | 537     | 588     | 638     | 689     |
| 120%                  | 88.8   | 323                        | 376     | 429     | 482     | 535     | 588     | 641     | 693     | 746     |

Net returns above direct costs for an owner operator is calculated here as market revenue less direct production costs. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses.

Table 8.C2 Estimated Net Returns above Total Specified Costs for an Owner Operator  
Rice, Clearfield Variety, Drill Planted, Conventional Tillage,  
Northeast Louisiana, 2022.

|                       |        | Percent                    |         |         |         |         |         |         |         |         |
|-----------------------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                       |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield                 |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent               | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
| ----- (\$/acre) ----- |        |                            |         |         |         |         |         |         |         |         |
| 80%                   | 59.2   | -56                        | -22     | 12      | 45      | 79      | 113     | 146     | 180     | 214     |
| 85%                   | 62.9   | -17                        | 19      | 55      | 91      | 127     | 163     | 199     | 235     | 271     |
| 90%                   | 66.6   | 21                         | 60      | 98      | 137     | 175     | 214     | 252     | 291     | 329     |
| 95%                   | 70.3   | 60                         | 101     | 142     | 182     | 223     | 264     | 305     | 346     | 387     |
| 100%                  | 74.0   | 98                         | 142     | 185     | 228     | 271     | 315     | 358     | 401     | 444     |
| 105%                  | 77.7   | 137                        | 182     | 228     | 274     | 319     | 365     | 411     | 456     | 502     |
| 110%                  | 81.4   | 175                        | 223     | 271     | 320     | 368     | 416     | 464     | 512     | 560     |
| 115%                  | 85.1   | 214                        | 264     | 315     | 365     | 416     | 466     | 517     | 567     | 618     |
| 120%                  | 88.8   | 252                        | 305     | 358     | 411     | 464     | 517     | 570     | 622     | 675     |

Net returns above total specified costs for an owner operator is calculated here as market revenue less total specified costs. Specified costs include charges for direct costs and fixed machinery costs but excludes charges for land, general farm overhead and management expenses.

Table 8.D1 Estimated Net Returns above Direct Costs for a Tenant Operator  
Rice, Clearfield Variety, Drill Planted, Conventional Tillage,  
Northeast Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | (\$/acre)                  |         |         |         |         |         |         |         |         |
| 80%     | 59.2   | -65                        | -41     | -18     | 6       | 29      | 53      | 76      | 100     | 123     |
| 85%     | 62.9   | -38                        | -13     | 12      | 38      | 63      | 88      | 113     | 139     | 164     |
| 90%     | 66.6   | -11                        | 16      | 43      | 70      | 97      | 123     | 150     | 177     | 204     |
| 95%     | 70.3   | 16                         | 44      | 73      | 102     | 130     | 159     | 187     | 216     | 245     |
| 100%    | 74.0   | 43                         | 73      | 103     | 134     | 164     | 194     | 224     | 255     | 285     |
| 105%    | 77.7   | 70                         | 102     | 134     | 166     | 198     | 230     | 262     | 293     | 325     |
| 110%    | 81.4   | 97                         | 130     | 164     | 198     | 231     | 265     | 299     | 332     | 366     |
| 115%    | 85.1   | 124                        | 159     | 194     | 230     | 265     | 300     | 336     | 371     | 406     |
| 120%    | 88.8   | 151                        | 188     | 225     | 262     | 299     | 336     | 373     | 410     | 447     |

Net returns above direct costs for a tenant operator is calculated here as the grower's share of market revenue less direct production costs paid by the grower. Direct costs include charges for variable production costs for items such as seed, fertilizer, chemicals, fuel, labor, repair and custom application expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Table 8.D2 Estimated Net Returns above Total Specified Costs for a Tenant Operator  
Rice, Clearfield Variety, Drill Planted, Conventional Tillage,  
Northeast Louisiana, 2022.

|         |        | Percent                    |         |         |         |         |         |         |         |         |
|---------|--------|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|         |        | 80%                        | 85%     | 90%     | 95%     | 100%    | 105%    | 110%    | 115%    | 120%    |
| Yield   |        | Rice Market Price (\$/cwt) |         |         |         |         |         |         |         |         |
| Percent | (cwt.) | \$10.40                    | \$11.05 | \$11.70 | \$12.35 | \$13.00 | \$13.65 | \$14.30 | \$14.95 | \$15.60 |
|         |        | (\$/acre)                  |         |         |         |         |         |         |         |         |
| 80%     | 59.2   | -124                       | -100    | -77     | -53     | -30     | -6      | 18      | 41      | 65      |
| 85%     | 62.9   | -97                        | -72     | -46     | -21     | 4       | 29      | 55      | 80      | 105     |
| 90%     | 66.6   | -70                        | -43     | -16     | 11      | 38      | 65      | 92      | 119     | 145     |
| 95%     | 70.3   | -43                        | -14     | 14      | 43      | 71      | 100     | 129     | 157     | 186     |
| 100%    | 74.0   | -16                        | 14      | 45      | 75      | 105     | 135     | 166     | 196     | 226     |
| 105%    | 77.7   | 11                         | 43      | 75      | 107     | 139     | 171     | 203     | 235     | 267     |
| 110%    | 81.4   | 38                         | 72      | 105     | 139     | 172     | 206     | 240     | 273     | 307     |
| 115%    | 85.1   | 65                         | 100     | 135     | 171     | 206     | 241     | 277     | 312     | 347     |
| 120%    | 88.8   | 92                         | 129     | 166     | 203     | 240     | 277     | 314     | 351     | 388     |

Net returns above total specified costs for a tenant operator is calculated here as the grower's share of market revenue less total specified costs paid by the grower. Specified costs include charges for direct costs and fixed machinery costs but exclude charges for general farm overhead and management expenses. The land rental arrangement charge represented here is a 30% crop share with the landlord paying variable and fixed irrigation pumping costs.

Appendix Table 1. Rice Irrigation System 1 Costs, Water Planted, Southwest Louisiana, 2022.

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | OP INPUT | FUEL  | R&M  | LABOR | LEASE | INTER | TOTAL  | FIXED<br>COST | TOTAL<br>COST |
|-------------------------------|---------------|----------|-------|------|-------|-------|-------|--------|---------------|---------------|
| -----dollars-----             |               |          |       |      |       |       |       |        |               |               |
| Underground Pipe 1            | each          |          |       |      |       |       |       |        | 9.57          | 9.57          |
| Gearhead 1                    | each          |          |       |      |       |       |       |        | 1.94          | 1.94          |
| Engine 1                      | each          |          |       |      |       |       |       |        | 7.36          | 7.36          |
| Application 1                 | Ac-in         |          | 14.92 | 0.60 | 0.41  |       | 0.46  | 16.39  |               | 16.39         |
| Application 2                 | Ac-in         |          | 14.92 | 0.60 | 0.41  |       | 0.42  | 16.35  |               | 16.35         |
| Application 3                 | Ac-in         |          | 18.65 | 0.75 | 0.51  |       | 0.46  | 20.37  |               | 20.37         |
| Application 4                 | Ac-in         |          | 22.38 | 0.90 | 0.61  |       | 0.49  | 24.38  |               | 24.38         |
| Application 5                 | Ac-in         |          | 22.38 | 0.90 | 0.61  |       | 0.42  | 24.31  |               | 24.31         |
| Well 1                        | each          |          |       |      |       |       |       |        | 6.21          | 6.21          |
| Pump 1                        | each          |          |       |      |       |       |       |        | 6.11          | 6.11          |
| TOTALS                        |               | 0.00     | 93.25 | 3.75 | 2.55  | 0.00  | 2.25  | 101.80 | 31.19         | 132.99        |

Note: Total irrigation application of 25 acre-inches.

Appendix Table 2. Rice Irrigation System 2 Costs, Drill Planted, Southwest Louisiana, 2022.

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | OP INPUT | FUEL   | R&M  | LABOR | LEASE | INTER | TOTAL  | FIXED<br>COST | TOTAL<br>COST |
|-------------------------------|---------------|----------|--------|------|-------|-------|-------|--------|---------------|---------------|
| -----dollars-----             |               |          |        |      |       |       |       |        |               |               |
| Pump 2                        | each          |          |        |      |       |       |       |        | 6.11          | 6.11          |
| Gearhead 2                    | each          |          |        |      |       |       |       |        | 1.94          | 1.94          |
| Engine 2                      | each          |          |        |      |       |       |       |        | 7.36          | 7.36          |
| Application 1                 | Ac-in         |          | 11.19  | 0.40 | 0.27  |       | 0.35  | 12.21  |               | 12.21         |
| Application 2                 | Ac-in         |          | 11.19  | 0.40 | 0.27  |       | 0.35  | 12.21  |               | 12.21         |
| Application 3                 | Ac-in         |          | 18.65  | 0.67 | 0.46  |       | 0.52  | 20.30  |               | 20.30         |
| Application 4                 | Ac-in         |          | 18.65  | 0.67 | 0.46  |       | 0.46  | 20.24  |               | 20.24         |
| Application 5                 | Ac-in         |          | 22.38  | 0.80 | 0.55  |       | 0.48  | 24.21  |               | 24.21         |
| Application 6                 | Ac-in         |          | 18.65  | 0.67 | 0.46  |       | 0.35  | 20.13  |               | 20.13         |
| Well 2                        | each          |          |        |      |       |       |       |        | 6.21          | 6.21          |
| Underground Pipe 2            | each          |          |        |      |       |       |       |        | 9.57          | 9.57          |
| TOTALS                        |               | 0.00     | 100.71 | 3.61 | 2.47  | 0.00  | 2.51  | 109.30 | 31.19         | 140.49        |

Note: Total irrigation application of 28 acre-inches.

Appendix Table 3. Rice Irrigation System 3 Costs, Ratoon Crop, Southwest Louisiana, 2022.

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | OP INPUT | FUEL  | R&M  | LABOR | LEASE | INTER | TOTAL | FIXED<br>COST | TOTAL<br>COST |
|-------------------------------|---------------|----------|-------|------|-------|-------|-------|-------|---------------|---------------|
| -----dollars-----             |               |          |       |      |       |       |       |       |               |               |
| Engine 1a                     | each          |          |       |      |       |       |       |       |               |               |
| Application 1                 | Ac-in         |          | 26.11 |      | 0.72  |       | 0.39  | 27.22 |               | 27.22         |
| Application 2                 | Ac-in         |          | 11.19 |      | 0.31  |       | 0.13  | 11.63 |               | 11.63         |
| TOTALS                        |               | 0.00     | 37.30 | 0.00 | 1.03  | 0.00  | 0.52  | 38.85 | 0.00          | 38.85         |

Note: Total irrigation application of 10 acre-inches.

Appendix Table 4. Rice Irrigation System 5 Costs, Drill Planted, Northeast Louisiana, 2022.

| OPERATION/<br>OPERATING INPUT | SIZE/<br>UNIT | OP INPUT | FUEL  | R&M  | LABOR | LEASE | INTER | TOTAL | FIXED<br>COST | TOTAL<br>COST |
|-------------------------------|---------------|----------|-------|------|-------|-------|-------|-------|---------------|---------------|
| -----dollars-----             |               |          |       |      |       |       |       |       |               |               |
| Engine 3                      | each          |          |       |      |       |       |       |       | 3.76          | 3.76          |
| Application 1                 | Ac-in         |          | 7.84  | 0.21 | 0.50  |       | 0.22  | 8.77  |               | 8.77          |
| Application 2                 | Ac-in         |          | 7.84  | 0.21 | 0.50  |       | 0.22  | 8.77  |               | 8.77          |
| Application 3                 | Ac-in         |          | 13.07 | 0.35 | 0.84  |       | 0.33  | 14.59 |               | 14.59         |
| Application 4                 | Ac-in         |          | 13.07 | 0.35 | 0.84  |       | 0.29  | 14.55 |               | 14.55         |
| Application 5                 | Ac-in         |          | 26.14 | 0.70 | 1.67  |       | 0.50  | 29.01 |               | 29.01         |
| Application 6                 | Ac-in         |          | 13.07 | 0.35 | 0.84  |       | 0.21  | 14.47 |               | 14.47         |
| Pump 3                        | each          |          |       |      |       |       |       |       | 3.22          | 3.22          |
| Underground Pipe 3            | each          |          |       |      |       |       |       |       | 2.20          | 2.20          |
| Well 3                        | each          |          |       |      |       |       |       |       | 2.07          | 2.07          |
| Gearhead 3                    | each          |          |       |      |       |       |       |       | 1.02          | 1.02          |
| TOTALS                        |               | 0.00     | 81.03 | 2.17 | 5.19  | 0.00  | 1.77  | 90.16 | 12.27         | 102.43        |

Note: Total irrigation application of 31 acre-inches

Appendix Table 5. Operating Inputs: Estimated Prices for 2022.

| ITEM NAME             | UNIT | PRICE   |
|-----------------------|------|---------|
|                       |      | dollars |
| CUSTOM FERT/LIME      |      |         |
| App Fert by Air       | cwt  | 7.50    |
| App Fert by Air (Min) | appl | 7.50    |
| Custom Apply Fert     | acre | 7.50    |
| Custom Spread (Truc   | appl | 4.50    |
| Lime (Spread)         | ton  | 59.00   |
| CUSTOM HARVEST/HAUL   |      |         |
| Custom Combine Rice   | acre | 0.00    |
| Haul Corn             | bu   | 0.23    |
| Haul Cotton           | lb   | 0.02    |
| Haul Rice             | bu   | 0.35    |
| Haul Rice (cwt)       | cwt  | 0.25    |
| Haul Sorghum          | bu   | 0.25    |
| Haul Soybeans         | bu   | 0.27    |
| Haul Wheat            | bu   | 0.26    |
| LARice Haul           | cwt  | 0.30    |
| CUSTOM PLANT          |      |         |
| Custom Spread + Seed  | appl | 0.00    |
| LARice Air Plant NE   | cwt  | 5.50    |
| LARice Air Plant SW   | cwt  | 5.60    |
| Plant by Air          | cwt  | 7.50    |
| CUSTOM SPRAY          |      |         |
| App 2,4-D Helicopter  | appl | 0.00    |
| App by Air ( 1 gal)   | appl | 2.50    |
| App by Air ( 2 gal)   | appl | 4.00    |
| App by Air ( 3 gal)   | appl | 5.60    |
| App by Air ( 5 gal)   | appl | 7.00    |
| App by Air (10 gal)   | appl | 9.30    |
| App Furadan by Air    | appl | 0.00    |
| App Ordram by Air     | appl | 0.00    |
| Custom Apply          | acre | 7.50    |
| Custom Terragator     | acre | 5.00    |
| LARice GPS Charge-SW  | acre | 0.35    |
| LARice GPS Charge NE  | acre | 0.25    |
| Spray Levees, 4whlr   | acre | 0.00    |
| FERTILIZERS           |      |         |
| Amm Nitrate (34% N)   | cwt  | 22.50   |
| Amm Sulfate (21% N)   | cwt  | 19.88   |
| Anhy Ammonia (82% N)  | cwt  | 28.00   |
| Boron (Solubor)       | lb   | 0.75    |
| DAP                   | cwt  | 35.88   |
| Fert 0-20-20          | cwt  | 0.00    |
| Fert 10-10-10         | cwt  | 0.00    |
| Fert 10-34-0          | cwt  | 31.50   |
| Fert 10-34-0          | gal  | 3.68    |
| Fert 13-13-13         | cwt  | 0.00    |
| Fert 41-0-0-4         | cwt  | 18.22   |
| Fert 5-20-20          | cwt  | 0.00    |
| LA Nitrogen           | lb   | 0.76    |
| LA Phosphate          | lb   | 0.65    |
| LA Potash             | lb   | 0.58    |
| Phosphorus (46% P2O5) | cwt  | 23.75   |
| Potash (60% K2O)      | cwt  | 20.00   |
| Sulfur                | lb   | 0.34    |
| UAN (32% N)           | cwt  | 19.00   |
| UAN + Sulfur (28% N)  | cwt  | 14.49   |
| Urea, Solid (46% N)   | cwt  | 28.63   |
| Zinc                  | lb   | 0.50    |
| FUNGICIDES            |      |         |
| Apron Maxx RTA        | oz   | 0.90    |
| Apron XL              | oz   | 6.98    |
| Apron XL LS           | oz   | 5.27    |
| Benlate 50 WP         | lb   | 15.95   |
| Captan 4L             | pt   | 2.83    |
| Captan 50 WP          | lb   | 5.94    |
| Cruiser 5FS           | oz   | 0.90    |
| Delta Coat AD         | oz   | 3.75    |
| Dithane F-45          | qt   | 7.81    |
| Dithane Rainsheild    | lb   | 4.08    |
| Fungicide             | lb   | 2.82    |
| Gem 25 WG             | oz   | 3.70    |
| Manzate 75 DF         | lb   | 4.86    |
| Manzate Flowable      | pt   | 4.60    |

Appendix Table 5. Operating Inputs: Estimated Prices for 2022.

| ITEM NAME            | UNIT | PRICE   |
|----------------------|------|---------|
|                      |      | dollars |
| FUNGICIDES CONT'D    |      |         |
| Moncut 70 DF         | lb   | 32.81   |
| Orbit                | oz   | 2.75    |
| Prevail              | lb   | 28.50   |
| Quadris              | oz   | 2.72    |
| Ridomil GoldPC 10G   | lb   | 2.08    |
| Ridomil Gold PC      | lb   | 5.30    |
| Ridomil Gold PC Liq  | oz   | 6.42    |
| Rovral 4F            | pt   | 14.90   |
| Rovral WG            | lb   | 0.00    |
| Shelter              | oz   | 8.50    |
| Stiletto             | oz   | 0.58    |
| Stratego             | pt   | 77.00   |
| Terrachlor Flowable  | pt   | 4.74    |
| Terraclor 2EC        | pt   | 1.87    |
| Terraclor Super X EC | pt   | 3.95    |
| Terraclor Super X G  | lb   | 2.82    |
| Tilt 3.6 EC          | oz   | 0.90    |
| Vitavax 200          | oz   | 0.47    |
| Vitavax M Flowable   | oz   | 1.06    |
| Vitavax RTU-Thiram   | oz   | 0.40    |
| Vitavax T-L          | oz   | 0.29    |
| GIN/DRY              |      |         |
| Dry Corn             | bu   | 0.19    |
| Dry Grain Sorghum    | cwt  | 0.25    |
| Dry Rice             | bu   | 0.40    |
| Dry Rice (cwt)       | cwt  | 0.90    |
| Gin                  | lb   | 0.11    |
| LARice Dry           | cwt  | 0.90    |
| GROWTH REGULATORS    |      |         |
| Early Harvest PGR    | oz   | 1.55    |
| LA Polado            | oz   | 0.39    |
| Mepex                | oz   | 0.09    |
| PGR IV               | oz   | 1.55    |
| Pix Plus             | oz   | 0.40    |
| Pix Ultra            | oz   | 0.21    |
| HARVEST AIDS         |      |         |
| Accelerate           | pt   | 2.59    |
| Ammonium Sulfate     | lb   | 0.24    |
| Boll'd               | pt   | 3.84    |
| CottonQuik           | pt   | 6.06    |
| Crop Oil ( Seed Oil) | pt   | 4.60    |
| Def 6                | pt   | 7.50    |
| Def/Folex            | pt   | 7.50    |
| Dropp 50 WP          | lb   | 45.45   |
| Dropp SC             | oz   | 1.56    |
| Ethephon 6E          | pt   | 3.89    |
| Finish 6             | pt   | 11.74   |
| Folex 6EC            | pt   | 11.74   |
| Ginstar EC           | pt   | 27.59   |
| Gramoxone Extra      | pt   | 3.00    |
| Gramoxone Max        | pt   | 3.00    |
| Harvade 5F           | oz   | 0.67    |
| Leafless             | pt   | 18.56   |
| Prep                 | pt   | 3.84    |
| Sodium Chlorate 3L   | gal  | 3.50    |
| Sodium Chlorate 6L   | gal  | 6.77    |
| Starfire             | pt   | 0.00    |
| HERBICIDES           |      |         |
| 2,4-D Amine 4        | pt   | 1.81    |
| 2,4-D Ester          | pt   | 2.41    |
| AAtrex 4L            | pt   | 1.90    |
| AAtrex NINE-O        | lb   | 3.96    |
| Accent Gold          | oz   | 6.12    |
| Accent SP            | oz   | 36.25   |
| Aim 2EC              | oz   | 5.31    |
| Aim DF               | oz   | 9.65    |
| Arrosolo             | qt   | 7.88    |
| Assure II            | oz   | 0.74    |
| Atrazine 4L          | pt   | 2.25    |
| Atrazine 90DF        | lb   | 3.36    |
| Authority 75DF       | lb   | 26.95   |
| Axiom 68DF           | lb   | 25.74   |

Appendix Table 5. Operating Inputs: Estimated Prices for 2022.

| ITEM NAME             | UNIT | PRICE   |
|-----------------------|------|---------|
|                       |      | dollars |
| HERBICIDES CONT'D     |      |         |
| Backdraft             | pt   | 2.40    |
| Banvel                | pt   | 4.81    |
| Basagran              | pt   | 5.43    |
| Basis Gold            | lb   | 9.00    |
| Beacon 75% WSP        | oz   | 34.87   |
| Beyond                | oz   | 4.48    |
| Bicep II Magnum       | qt   | 11.01   |
| Bicep II zmsgnum      | qt   | 10.97   |
| Bladex 4L             | qt   | 0.00    |
| Bladex 90DF           | lb   | 0.00    |
| Blazer 2L             | pt   | 0.00    |
| Blazer Ultra          | pt   | 9.79    |
| Boa                   | pt   | 3.63    |
| Bolero 8EC            | pt   | 7.73    |
| Boundary              | pt   | 11.07   |
| Buctril 4EC           | pt   | 17.06   |
| Butoxone 175 (2,4-DB) | pt   | 3.24    |
| Butoxone 200 (2,4-DB) | pt   | 3.92    |
| Butyrac 175 (2,4-DB)  | pt   | 3.29    |
| Butyrac 200 (2,4-DB)  | pt   | 2.90    |
| Canopy 75%            | oz   | 2.91    |
| Canopy XL             | oz   | 2.91    |
| Caparol 4L            | pt   | 4.87    |
| Caparol Accu-Pak      | lb   | 0.00    |
| Celebrity Plus        | lb   | 84.50   |
| Clarity               | pt   | 11.00   |
| Classic               | oz   | 12.00   |
| Clincher EC           | oz   | 2.09    |
| Cobra 2EC             | oz   | 1.23    |
| Command 3ME           | pt   | 18.50   |
| Command XTRA          | pt   | 0.00    |
| Conclude Ultra        | pt   | 0.00    |
| Conclude Ultra        | pt   | 0.00    |
| Conclude XACT         | pt   | 11.32   |
| Conclude XTRA         | pt   | 8.32    |
| Cornerstone           | pt   | 2.50    |
| Cotoran 4L            | pt   | 5.75    |
| Cotoran DF            | lb   | 7.92    |
| Cotton Pro Flowable   | pt   | 3.75    |
| Crossbow              | pt   | 8.05    |
| Cy-Pro 4L             | qt   | 0.00    |
| Cypro 90DF            | lb   | 0.00    |
| Delta Goal            | pt   | 9.44    |
| Denim 0.16 EC         | pt   | 24.06   |
| Detail                | pt   | 7.99    |
| Direx 4L              | pt   | 3.02    |
| Direx 80 DF           | lb   | 6.20    |
| Diuron 4L             | pt   | 3.50    |
| Diuron 80 DF          | lb   | 5.09    |
| Domain 60DF           | lb   | 12.75   |
| DSMA 4                | pt   | 0.90    |
| Dual 8E               | pt   | 0.00    |
| Dual II Magnum        | pt   | 15.00   |
| Dual Magnum           | pt   | 10.02   |
| Duet                  | pt   | 6.22    |
| Evik DF 80W           | lb   | 11.22   |
| Exceed                | oz   | 10.71   |
| Exceed Custom Pak     | oz   | 11.50   |
| Expert                | pt   | 4.39    |
| Facet 75DF            | lb   | 50.00   |
| First Rate            | oz   | 42.57   |
| Flexstar HL           | pt   | 6.88    |
| FloMet 4L             | pt   | 4.74    |
| Freedom               | qt   | 2.51    |
| Front Row             | oz   | 21.92   |
| Frontier 6.0          | oz   | 0.63    |
| Fultime               | pt   | 6.29    |
| Fusilade DX           | oz   | 1.15    |
| Fusion                | pt   | 29.86   |
| Glyfos                | pt   | 1.80    |
| Glyphomax             | pt   | 3.49    |
| Glyphosate Plus 4L    | pt   | 4.95    |

Appendix Table 5. Operating Inputs: Estimated Prices for 2022.

| ITEM NAME            | UNIT | PRICE   |
|----------------------|------|---------|
|                      |      | dollars |
| HERBICIDES CONT'D    |      |         |
| Glystar Plus         | pt   | 2.17    |
| Goal 2XL             | pt   | 8.69    |
| Gramoxone Extra      | pt   | 0.00    |
| Gramoxone Max        | pt   | 4.16    |
| Gramoxone Max        | pt   | 4.16    |
| Grandstand R         | qt   | 17.79   |
| Guardsman            | pt   | 4.66    |
| Guardsman Max        | pt   | 7.22    |
| Harmony Extra        | oz   | 12.02   |
| Hoelon 3EC           | pt   | 11.03   |
| Karmex DF            | lb   | 5.93    |
| LA Asulox/Asulam     | gal  | 44.00   |
| LA Weedmaster        | qt   | 4.63    |
| Lariat               | qt   | 7.58    |
| Lasso 4EC            | qt   | 6.60    |
| Lasso II 15G         | lb   | 0.00    |
| Layby Pro            | qt   | 12.50   |
| Lexone 75DF          | lb   | 18.90   |
| Liberty              | pt   | 8.84    |
| Lightning            | oz   | 14.25   |
| Lightning            | oz   | 14.25   |
| Linex 4L             | pt   | 9.28    |
| Londax 60DF          | oz   | 18.08   |
| Lorox 50DF           | lb   | 24.12   |
| Matador              | pt   | 0.00    |
| MSMA 6.6             | pt   | 3.86    |
| MSMA6 + Surfactant   | pt   | 3.86    |
| Newpath 2SL          | oz   | 3.83    |
| Ordram 15-G          | lb   | 1.34    |
| Ordram 8-E           | pt   | 9.42    |
| Outlook              | pt   | 17.66   |
| Pendimax 3.3         | pt   | 2.47    |
| Permit 75DF          | oz   | 15.00   |
| Poast 1.53           | pt   | 12.77   |
| Poast Plus           | pt   | 9.69    |
| Propanil 4E          | qt   | 5.15    |
| Prowl 3.3 EC         | pt   | 3.75    |
| Pursuit DG           | oz   | 11.59   |
| Pursuit Plus EC      | pt   | 7.10    |
| Python WDG           | oz   | 15.10   |
| Raptor               | oz   | 4.38    |
| Reflex 2LC           | pt   | 6.71    |
| Regiment 80WP        | oz   | 4.38    |
| Remedy               | pt   | 8.45    |
| Resource .86EC       | pt   | 29.40   |
| Ricestar             | pt   | 26.68   |
| Roundup Original     | pt   | 6.00    |
| Roundup Original Max | oz   | 0.38    |
| Roundup Power Max    | pt   | 6.25    |
| Roundup Ultra MAX    | pt   | 5.97    |
| Roundup Ultra Dry    | lb   | 6.14    |
| Roundup WeatherMax   | oz   | 0.19    |
| Scepter 70 DG        | oz   | 4.64    |
| Select 2EC           | oz   | 0.69    |
| Sencor 4F            | pt   | 14.74   |
| Sencor DF            | lb   | 14.50   |
| Squadron CE          | pt   | 12.50   |
| Stam 4E              | qt   | 7.72    |
| Stam 80 EDF          | lb   | 9.45    |
| Staple 85%           | oz   | 16.01   |
| Staple Plus          | oz   | 8.55    |
| Steadfast            | oz   | 12.26   |
| Steel                | pt   | 10.28   |
| Storm                | pt   | 11.16   |
| Strongarm            | oz   | 56.42   |
| Superwham            | qt   | 8.61    |
| Suprend              | lb   | 13.52   |
| Surpass 20G          | lb   | 2.36    |
| Surpass EC           | qt   | 26.36   |
| Touchdown            | qt   | 10.21   |
| Touchdown 4 IQ       | pt   | 3.33    |
| Touchdown Total      | qt   | 10.21   |

Appendix Table 5. Operating Inputs: Estimated Prices for 2022.

| ITEM NAME            | UNIT | PRICE   |
|----------------------|------|---------|
|                      |      | dollars |
| HERBICIDES CONT'D    |      |         |
| Treflan HFP          | pt   | 2.50    |
| Treflan TR-10        | lb   | 1.10    |
| Tri-Scept            | pt   | 5.24    |
| Trifluralin 4EC      | pt   | 3.68    |
| Trilin 10G           | lb   | 0.79    |
| Trilin 4EC           | pt   | 2.12    |
| Typhoon              | qt   | 13.06   |
| Valor WP             | oz   | 4.38    |
| Whip 360             | pt   | 25.08   |
| Zorial Rapid 80DF    | lb   | 14.10   |
| INSECTICIDES         |      |         |
| Acephate 80SP        | lb   | 0.00    |
| Acephate 90SP        | lb   | 8.58    |
| Admire 2 Flowable    | oz   | 4.78    |
| Ammo 2.5 EC          | oz   | 0.92    |
| Asana .66 XL         | oz   | 0.63    |
| Aztec 2.1% G         | lb   | 3.88    |
| Baythroid 2          | oz   | 2.58    |
| Besiege              | oz   | 1.95    |
| Bidrin 8L            | oz   | 1.33    |
| Capture 2EC          | oz   | 2.28    |
| Carbamate            | oz   | 0.00    |
| Centric 40WG         | oz   | 4.75    |
| Comite               | pt   | 8.45    |
| Condor XL            | pt   | 0.00    |
| Confirm 2F           | oz   | 1.88    |
| Counter 15G          | lb   | 4.51    |
| Counter CR           | lb   | 2.65    |
| Crop Oil (Petroleum) | pt   | 2.86    |
| Curacron 8E          | pt   | 10.75   |
| Decis 1.5EC          | oz   | 2.84    |
| Declare              | pt   | 4.08    |
| Denim 0.16EC         | pt   | 32.63   |
| Di-Syston 15G        | lb   | 3.48    |
| Di-Syston 8          | pt   | 14.32   |
| Dimethoate 4E        | pt   | 5.65    |
| Dimilin 2L           | oz   | 1.70    |
| Dipel DF             | lb   | 13.13   |
| Dipel ES             | pt   | 4.89    |
| Force 3G             | lb   | 7.28    |
| Furadan 3G           | lb   | 0.00    |
| Furadan 4F           | pt   | 9.81    |
| Fury 1.5 EC          | oz   | 1.30    |
| Gaucho 480           | oz   | 5.80    |
| Intrepid 2F          | oz   | 1.80    |
| Intruder 70WP        | oz   | 1.13    |
| Karate Z             | oz   | 1.41    |
| Lannate LV           | pt   | 9.30    |
| Lannate SP           | oz   | 2.42    |
| Larvin 3.2           | oz   | 0.63    |
| Leverage 2.7         | oz   | 2.17    |
| Lorsban 15G          | lb   | 2.35    |
| Lorsban 4E           | pt   | 6.10    |
| Malathion 57EC       | pt   | 4.23    |
| Malathion 8E         | pt   | 9.84    |
| Malathion ULV        | pt   | 4.93    |
| Mepichlor 4.2% Liq   | pt   | 5.91    |
| Methyl Parathion     | pt   | 5.79    |
| Monitor 4            | pt   | 16.50   |
| Monitor 4            | pt   | 16.50   |
| Mustang Max          | oz   | 1.48    |
| Organophosphate      | oz   | 0.00    |
| Orthene 90S          | lb   | 7.00    |
| Orthene 97           | lb   | 10.90   |
| Ovasyn               | pt   | 0.00    |
| Ovicide              | oz   | 0.00    |
| Pennacap M           | pt   | 6.71    |
| Phaser 3E            | qt   | 8.13    |
| Pirate 3SC           | oz   | 0.00    |
| Pounce 25WP          | lb   | 19.52   |
| Pounce 3.2 EC        | oz   | 0.34    |
| Prevathon            | oz   | 1.05    |

Appendix Table 5. Operating Inputs: Estimated Prices for 2022.

| ITEM NAME            | UNIT   | PRICE   |
|----------------------|--------|---------|
|                      |        | dollars |
| INSECTICIDES CONT'D  |        |         |
| Provado 1.6F         | oz     | 1.94    |
| Scout X-TRA          | oz     | 0.00    |
| Sevin 80S            | lb     | 7.40    |
| Sevin XLR Plus       | qt     | 16.01   |
| Spintor 2SC          | oz     | 4.93    |
| Steward              | pt     | 39.51   |
| Synthetic Pyrethroid | oz     | 0.00    |
| Temik 15G Grit       | lb     | 4.00    |
| Thimet 20-G          | lb     | 3.65    |
| Thionex 3EC          | pt     | 4.17    |
| Thionex 50W          | lb     | 10.45   |
| Tracer               | oz     | 9.73    |
| Trimax               | oz     | 1.85    |
| Vydate C-LV          | oz     | 0.93    |
| Warrior Z            | oz     | 1.80    |
| Warrior ZT           | oz     | 2.74    |
| IRRIGATION SUPPLIES  |        |         |
| Rice Gates           | each   | 3.65    |
| Roll-Out Pipe        | ft     | 0.24    |
| OVERHEAD             |        |         |
| Farmstead & Drainage | Dol    | 1.00    |
| LARice Insurance     | Dollar | 1.00    |
| LARice Misc. Overhd  | dollar | 1.00    |
| LARice Property Tax  | dollar | 1.00    |
| Shops Bldg & Equip.  | Dol    | 6.55    |
| SERVICE FEE          |        |         |
| Utilities            | Dol    | 1.00    |
| SEED/PLANTS          |        |         |
| Corn Seed Bt         | thous  | 2.60    |
| Corn Seed BtRR       | thous  | 4.38    |
| Corn Seed Conv.      | thous  | 1.93    |
| Corn Seed RR         | thous  | 3.38    |
| Cotton Seed Bt       | thoud  | 0.28    |
| Cotton Seed BtRR     | thous  | 3.15    |
| Cotton Seed Bxn      | thous  | 0.00    |
| Cotton Seed Conv.    | thous  | 0.00    |
| Cotton Seed Liberty  | thous  | 1.05    |
| Cotton Seed RR       | thous  | 0.63    |
| Cotton Seed RR       | thous  | 0.63    |
| LA Hybrid Rice Seed  | acre   | 168.00  |
| Rice Clearfield 161  | lb     | 1.15    |
| Rice Clearfield XL8  | lb     | 6.12    |
| Rice Seed (Levees)   | lb     | 0.43    |
| Rice Seed CF(Levees) | lb     | 0.90    |
| Rice Seed Conv.      | lb     | 0.35    |
| Rice Seed Hybrid     | lb     | 5.66    |
| SC Cultured seedcane | acre   | 484.00  |
| Seed Tmt             | oz     | 0.30    |
| Sorghum Concept      | lb     | 3.90    |
| Sorghum NonConcept   | lb     | 1.18    |
| Soybean Seed Private | lb     | 0.38    |
| Soybean Seed Public  | lb     | 0.00    |
| Soybean Seed RR      | lb     | 1.40    |
| Wheat Seed Private   | lb     | 0.28    |
| Wheat Seed Public    | lb     | 0.00    |
| SERVICE FEE          |        |         |
| Crop Consultant      | acre   | 7.00    |
| Digital Ag Fee       | acre   | 8.50    |
| Insect Scouting      | acre   | 7.00    |
| Rice Consultant      | acre   | 8.00    |
| SC Treating Charge   | acre   | 0.00    |
| Surfactant           | pt     | 1.75    |
| Survey & Mark Levees | acre   | 4.50    |
| Survey & Mark Levees | acre   | 4.50    |
| TECHNOLOGY FEE       |        |         |
| BG Cot Tech Fee      | thous  | 0.28    |
| BG Cot Tech Fee      | cap/ac | 19.50   |
| BG II Cot Tech Fee   | thous  | 0.76    |
| BG II Cot Tech Fee   | cap/ac | 31.91   |
| BG II/RR Tech Fee    | thous  | 1.49    |
| BG II/RR Tech Fee    | cap/ac | 62.69   |
| BG/RR Cot Tech Fee   | thous  | 1.49    |

Appendix Table 5. Operating Inputs: Estimated Prices for 2022.

| ITEM NAME             | UNIT   | PRICE   |
|-----------------------|--------|---------|
|                       |        | dollars |
| TECHNOLOGY FEE CONT'D |        |         |
| Eradication Fee       | acre   | 6.00    |
| Eradication Zone 1    | acre   | 6.00    |
| Eradication Zone 1A   | acre   | 6.00    |
| Eradication Zone 1B   | acre   | 6.00    |
| Eradication Zone 2    | acre   | 6.00    |
| Eradication Zone 3    | acre   | 6.00    |
| Eradication Zone 4    | acre   | 6.00    |
| RR Cotton Tech Fee    | thous  | 1.04    |
| RR Cotton Tech Fee    | cap/ac | 43.66   |

Appendix Table 6. Tractors: estimated purchase price, annual use, useful life, fuel use, and direct and fixed cost per hour, Louisiana 2022.

| 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     | 15.30             | 27.77 | 0.00  | 43.07        | 0.00   | 43.07      |
| Combine (200-249 hp)   | 240hp      | 161,548        | 300        | 8           | 12.35    | 15.30             | 35.07 | 16.82 | 67.20        | 62.44  | 129.65     |
| Combine (225-274 hp)   | Track250hp | 0              | 300        | 8           | 12.87    | 15.30             | 36.55 | 0.00  | 51.85        | 0.00   | 51.85      |
| Combine (250-299 hp)   | 275hp      | 391,000        | 300        | 8           | 14.15    | 15.30             | 40.18 | 40.72 | 96.21        | 151.14 | 247.36     |
| Combine (250-299hp)    | Grass295hp | 218,222        | 300        | 8           | 15.18    | 15.30             | 43.11 | 22.73 | 81.14        | 84.35  | 165.49     |
| Combine (275-299 hp)   | Track290hp | 0              | 300        | 8           | 14.93    | 15.30             | 42.40 | 0.00  | 57.70        | 0.00   | 57.70      |
| Combine (300-349 hp)   | 325hp      | 395,000        | 300        | 8           | 16.73    | 15.30             | 47.51 | 41.14 | 103.95       | 152.69 | 256.65     |
| Combine (300-349hp)    | Track320hp | 0              | 300        | 8           | 16.47    | 15.30             | 46.77 | 0.00  | 62.07        | 0.00   | 62.07      |
| Combine (350-379 hp)   | 370hp      | 413,400        | 300        | 8           | 19.04    | 15.30             | 54.07 | 43.06 | 112.43       | 159.80 | 272.24     |
| Combine (350-379 hp)   | Track365hp | 0              | 300        | 8           | 18.79    | 15.30             | 53.36 | 0.00  | 68.66        | 0.00   | 68.66      |
| Tractor ( 40-59hp) Cab | 2WD 50     | 32,100         | 600        | 8           | 2.57     | 11.88             | 7.30  | 1.00  | 20.19        | 5.62   | 25.81      |
| Tractor ( 40-59hp) Cab | MFWD 50    | 42,600         | 600        | 8           | 2.57     | 11.88             | 7.30  | 1.33  | 20.52        | 7.46   | 27.98      |
| Tractor ( 40-59hp) RB  | 2WD 50     | 30,900         | 600        | 8           | 2.57     | 11.88             | 7.30  | 0.96  | 20.15        | 5.41   | 25.56      |
| Tractor ( 40-59hp) RB  | MFWD 50    | 30,500         | 600        | 8           | 2.57     | 11.88             | 7.30  | 0.95  | 20.14        | 5.34   | 25.48      |
| Tractor ( 60-89hp) CAB | 2WD 75     | 56,700         | 600        | 8           | 3.86     | 11.88             | 10.96 | 1.77  | 24.61        | 9.93   | 34.54      |
| Tractor ( 60-89hp) CAB | MFWD 75    | 60,500         | 600        | 8           | 3.86     | 11.88             | 10.96 | 1.89  | 24.73        | 10.59  | 35.33      |
| Tractor ( 60-89hp) RB  | 2WD 75     | 43,100         | 600        | 8           | 3.86     | 11.88             | 10.96 | 1.34  | 24.19        | 7.55   | 31.74      |
| Tractor ( 60-89hp) RB  | MFWD 75    | 43,800         | 600        | 8           | 3.86     | 11.88             | 10.96 | 1.36  | 24.21        | 7.67   | 31.88      |
| Tractor ( 90-119hp) CB | 2WD 105    | 74,700         | 600        | 8           | 5.40     | 11.88             | 15.34 | 2.33  | 29.56        | 13.08  | 42.65      |
| Tractor ( 90-119hp) CB | MFWD 105   | 94,900         | 600        | 8           | 5.40     | 11.88             | 15.34 | 2.96  | 30.19        | 16.62  | 46.82      |
| Tractor ( 90-119hp) RB | 2WD 105    | 67,100         | 600        | 8           | 5.40     | 11.88             | 15.34 | 2.09  | 29.32        | 11.75  | 41.08      |
| Tractor ( 90-119hp) RB | MFWD 105   | 75,300         | 600        | 8           | 5.40     | 11.88             | 15.34 | 2.35  | 29.58        | 13.19  | 42.77      |
| Tractor (120-139hp) CB | 2WD 130    | 117,400        | 600        | 8           | 6.69     | 11.88             | 19.00 | 3.66  | 34.55        | 20.56  | 55.12      |
| Tractor (120-139hp) CB | MFWD 130   | 131,100        | 600        | 8           | 6.69     | 11.88             | 19.00 | 4.09  | 34.98        | 22.96  | 57.94      |
| Tractor (140-159hp) CB | 2WD 150    | 116,100        | 600        | 8           | 7.72     | 11.88             | 21.92 | 3.62  | 37.43        | 20.34  | 57.77      |
| Tractor (140-159hp) CB | MFWD 150   | 143,000        | 600        | 8           | 7.72     | 11.88             | 21.92 | 4.46  | 38.27        | 25.05  | 63.32      |
| Tractor (160-179hp) CB | 2WD 170    | 160,000        | 600        | 8           | 8.75     | 11.88             | 24.85 | 5.00  | 41.73        | 29.47  | 71.20      |
| Tractor (160-179hp) CB | MFWD 170   | 164,000        | 600        | 8           | 8.75     | 11.88             | 24.85 | 5.12  | 41.85        | 30.21  | 72.07      |
| Tractor (160-199hp) CB | Track 180  | 160,000        | 600        | 8           | 9.26     | 11.88             | 26.31 | 5.00  | 43.19        | 29.47  | 72.67      |
| Tractor (180-199hp) CB | 2WD 190    | 143,000        | 600        | 8           | 9.77     | 11.88             | 27.77 | 4.46  | 44.12        | 26.34  | 70.46      |
| Tractor (180-199hp) CB | MFWD 190   | 206,000        | 600        | 8           | 9.77     | 11.88             | 27.77 | 6.43  | 46.09        | 37.95  | 84.04      |
| Tractor (200-249hp) CB | 4WD 225    | 147,066        | 600        | 8           | 11.58    | 11.88             | 32.89 | 4.59  | 49.36        | 27.09  | 76.46      |
| Tractor (200-249hp) CB | MFWD 225   | 248,000        | 600        | 8           | 11.58    | 11.88             | 32.89 | 7.75  | 52.52        | 45.69  | 98.21      |
| Tractor (200-249hp) CB | Track 225  | 277,000        | 600        | 8           | 11.58    | 11.88             | 32.89 | 8.65  | 53.42        | 51.03  | 104.46     |
| Tractor (250-349hp) CB | 4WD 300    | 298,000        | 600        | 8           | 15.44    | 11.88             | 43.85 | 9.31  | 65.04        | 54.90  | 119.95     |
| Tractor (250-349hp) CB | Track 300  | 329,000        | 600        | 8           | 15.44    | 11.88             | 43.85 | 10.28 | 66.01        | 60.61  | 126.63     |
| Tractor (350-449hp) CB | 4WD 400    | 406,000        | 600        | 8           | 20.58    | 11.88             | 58.47 | 12.68 | 83.04        | 74.80  | 157.84     |
| Tractor (350-449hp) CB | Track 400  | 492,000        | 600        | 8           | 20.58    | 11.88             | 58.47 | 15.37 | 85.72        | 90.64  | 176.37     |
| Tractor (450-uphp) CB  | TRACK-475  | 279,879        | 600        | 8           | 24.44    | 11.88             | 69.43 | 8.74  | 90.06        | 51.56  | 141.62     |

Appendix Table 7. Self-propelled machines: estimated purchase price, annual use, useful life, fuel use, performance rate, and direct and fixed cost per acre, Louisiana 2022.

| 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'        | 8,750          | 100        | 8           | 1.00     | 0.200     | 3.06              | 0.50  | 0.43  | 3.99         | 1.96  | 5.96       |
| Butt Levee (Backhoe)  | 70 HP      | 73,000         | 150        | 8           | 5.00     | 0.000     | 0.00              | 0.00  | 0.00  | 0.00         | 0.00  | 0.00       |
| Cotton Picker-1st-BB  | 2R38"157hp | 144,912        | 200        | 8           | 8.08     | 0.519     | 12.65             | 7.26  | 11.76 | 31.68        | 44.35 | 76.04      |
| Cotton Picker-1st-BB  | 4R2X1260hp | 317,399        | 200        | 8           | 13.33    | 0.172     | 4.19              | 3.97  | 8.54  | 16.71        | 32.21 | 48.92      |
| Cotton Picker-1st-BB  | 4R30"250hp | 262,000        | 200        | 8           | 12.86    | 0.327     | 7.97              | 7.28  | 13.40 | 28.66        | 50.51 | 79.18      |
| Cotton Picker-1st-BB  | 4R30"325hp | 350,000        | 200        | 8           | 18.01    | 0.327     | 7.97              | 10.20 | 17.90 | 36.07        | 67.48 | 103.56     |
| Cotton Picker-1st-BB  | 4R38"255hp | 268,000        | 200        | 8           | 13.12    | 0.257     | 6.27              | 5.85  | 10.79 | 22.92        | 40.68 | 63.61      |
| Cotton Picker-1st-BB  | 4R38"325hp | 351,000        | 200        | 8           | 18.01    | 0.257     | 6.27              | 8.03  | 14.13 | 28.44        | 53.29 | 81.73      |
| Cotton Picker-1st-BB  | 5R30"255hp | 285,000        | 200        | 8           | 12.86    | 0.261     | 6.37              | 5.82  | 11.66 | 23.86        | 43.96 | 67.83      |
| Cotton Picker-1st-BB  | 5R38"250hp | 284,601        | 200        | 8           | 12.86    | 0.207     | 5.04              | 4.61  | 9.21  | 18.87        | 34.73 | 53.60      |
| Cotton Picker-1st-BB  | 6R30"325hp | 465,000        | 200        | 8           | 18.27    | 0.218     | 5.31              | 6.89  | 15.85 | 28.07        | 59.77 | 87.84      |
| Cotton Picker-1st-BB  | 6R38"330hp | 465,000        | 200        | 8           | 18.27    | 0.172     | 4.19              | 5.44  | 12.51 | 22.16        | 47.19 | 69.35      |
| Cotton Picker-1st-Tr  | 2R38"157hp | 144,912        | 200        | 8           | 8.08     | 0.519     | 12.65             | 7.26  | 11.76 | 31.68        | 44.35 | 76.04      |
| Cotton Picker-1st-Tr  | 4R2X1255hp | 322,137        | 200        | 8           | 18.01    | 0.172     | 4.19              | 5.37  | 8.67  | 18.24        | 32.69 | 50.93      |
| Cotton Picker-1st-Tr  | 4R30"250hp | 261,825        | 200        | 8           | 12.86    | 0.327     | 7.97              | 7.28  | 13.39 | 28.65        | 50.48 | 79.14      |
| Cotton Picker-1st-Tr  | 4R30"325hp | 311,088        | 200        | 8           | 16.72    | 0.327     | 7.97              | 9.47  | 15.91 | 33.36        | 59.98 | 93.34      |
| Cotton Picker-1st-Tr  | 4R38"255hp | 268,000        | 200        | 8           | 13.12    | 0.257     | 6.27              | 5.85  | 10.79 | 22.92        | 40.68 | 63.61      |
| Cotton Picker-1st-Tr  | 4R38"325hp | 351,000        | 200        | 8           | 18.01    | 0.257     | 6.27              | 8.03  | 14.13 | 28.44        | 53.29 | 81.73      |
| Cotton Picker-1st-Tr  | 5R30"255hp | 285,303        | 200        | 8           | 13.12    | 0.261     | 6.37              | 5.94  | 11.67 | 24.00        | 44.00 | 68.01      |
| Cotton Picker-1st-Tr  | 5R38"250hp | 290,471        | 200        | 8           | 12.86    | 0.207     | 5.04              | 4.61  | 9.40  | 19.06        | 35.44 | 54.51      |
| Cotton Picker-1st-Tr  | 6R30"325hp | 465,000        | 200        | 8           | 16.72    | 0.218     | 5.31              | 6.31  | 15.85 | 27.49        | 59.77 | 87.26      |
| Cotton Picker-1st-Tr  | 6R38"330hp | 465,000        | 200        | 8           | 18.01    | 0.172     | 4.19              | 5.36  | 12.51 | 22.08        | 47.19 | 69.27      |
| Cotton Picker-2nd-BB  | 2R38"157hp | 144,912        | 200        | 8           | 8.08     | 0.440     | 10.72             | 6.15  | 9.96  | 26.84        | 37.56 | 64.41      |
| Cotton Picker-2nd-BB  | 4R2x1260hp | 322,187        | 200        | 8           | 18.01    | 0.145     | 3.55              | 4.54  | 7.34  | 15.45        | 27.69 | 43.14      |
| Cotton Picker-2nd-BB  | 4R30"250hp | 261,825        | 200        | 8           | 12.86    | 0.277     | 6.75              | 6.17  | 11.34 | 24.27        | 42.76 | 67.03      |
| Cotton Picker-2nd-BB  | 4R30"325hp | 311,088        | 200        | 8           | 16.72    | 0.277     | 6.75              | 8.02  | 13.47 | 28.26        | 50.80 | 79.07      |
| Cotton Picker-2nd-BB  | 4R38"255hp | 268,000        | 200        | 8           | 13.12    | 0.218     | 5.31              | 4.95  | 9.14  | 19.42        | 34.46 | 53.88      |
| Cotton Picker-2nd-BB  | 4R38"325hp | 351,000        | 200        | 8           | 18.01    | 0.218     | 5.31              | 6.80  | 11.97 | 24.09        | 45.13 | 69.23      |
| Cotton Picker-2nd-BB  | 5R30"255hp | 285,303        | 200        | 8           | 13.12    | 0.221     | 5.40              | 5.03  | 9.88  | 20.33        | 37.27 | 57.61      |
| Cotton Picker-2nd-BB  | 5R38"250hp | 284,601        | 200        | 8           | 12.86    | 0.175     | 4.27              | 3.90  | 7.80  | 15.98        | 29.41 | 45.40      |
| Cotton Picker-2nd-BB  | 6R30"325hp | 465,000        | 200        | 8           | 18.01    | 0.184     | 4.50              | 5.76  | 13.43 | 23.69        | 50.63 | 74.32      |
| Cotton Picker-2nd-BB  | 6R38"330hp | 465,000        | 200        | 8           | 18.01    | 0.145     | 3.55              | 4.54  | 10.60 | 18.70        | 39.97 | 58.67      |
| Cotton Picker-2nd-Tr  | 2R38"157hp | 144,912        | 200        | 8           | 8.08     | 0.440     | 10.72             | 6.15  | 9.96  | 26.84        | 37.56 | 64.41      |
| Cotton Picker-2nd-Tr  | 4R2X1260hp | 322,137        | 200        | 8           | 18.01    | 0.145     | 3.55              | 4.54  | 7.34  | 15.45        | 27.69 | 43.14      |
| Cotton Picker-2nd-Tr  | 4R30"250hp | 261,825        | 200        | 8           | 12.86    | 0.277     | 6.75              | 6.17  | 11.34 | 24.27        | 42.76 | 67.03      |
| Cotton Picker-2nd-Tr  | 4R30"325hp | 311,088        | 200        | 8           | 16.72    | 0.277     | 6.75              | 8.02  | 13.47 | 28.26        | 50.80 | 79.07      |
| Cotton Picker-2nd-Tr  | 4R38"255hp | 268,000        | 200        | 8           | 13.12    | 0.218     | 5.31              | 4.95  | 9.14  | 19.42        | 34.46 | 53.88      |
| Cotton Picker-2nd-Tr  | 4R38"325hp | 351,000        | 200        | 8           | 18.01    | 0.218     | 5.31              | 6.80  | 11.97 | 24.09        | 45.13 | 69.23      |
| Cotton Picker-2nd-Tr  | 5R30"255hp | 285,303        | 200        | 8           | 13.12    | 0.221     | 5.40              | 5.03  | 9.88  | 20.33        | 37.27 | 57.61      |
| Cotton Picker-2nd-Tr  | 5R38"250hp | 290,471        | 200        | 8           | 12.86    | 0.175     | 4.27              | 3.90  | 7.96  | 16.14        | 30.02 | 46.17      |
| Cotton Picker-2nd-Tr  | 6R30"325hp | 465,000        | 200        | 8           | 16.72    | 0.184     | 4.50              | 5.35  | 13.43 | 23.28        | 50.63 | 73.91      |
| Cotton Picker-2nd-Tr  | 6R38"330hp | 465,000        | 200        | 8           | 18.01    | 0.145     | 3.55              | 4.54  | 10.60 | 18.70        | 39.97 | 58.67      |
| LA Pickup Truck       | 1/2 ton    | 28,000         | 800        | 5           | 2.50     | 1.000     | 11.83             | 6.25  | 3.15  | 21.23        | 7.27  | 28.50      |
| LA Rice Combine       | 25 ft      | 181,500        | 300        | 10          | 8.60     | 0.300     | 5.05              | 4.46  | 14.53 | 24.05        | 21.18 | 45.23      |
| LA Rice Combine-2     | 25 ft      | 181,500        | 300        | 10          | 8.60     | 0.300     | 5.05              | 4.46  | 14.53 | 24.05        | 21.18 | 45.23      |
| LARice Combine Med    | 20 ft      | 165,000        | 300        | 10          | 7.10     | 0.210     | 3.53              | 2.58  | 9.24  | 15.35        | 13.47 | 28.83      |
| Levee Sprayer         | 27'        | 30,768         | 350        | 8           | 2.57     | 0.038     | 0.75              | 0.17  | 0.06  | 0.99         | 0.39  | 1.39       |
| SC Billet Harvester   | 6 ft       | 319,000        | 750        | 10          | 12.00    | 0.700     | 11.78             | 14.53 | 29.77 | 56.08        | 34.22 | 90.31      |
| SC Harvester 1Rw      | 6 ft       | 126,500        | 400        | 12          | 6.80     | 0.875     | 14.72             | 10.29 | 23.05 | 48.07        | 28.09 | 76.17      |
| SC Harvester 2Rw      | 12 ft      | 231,000        | 400        | 12          | 8.00     | 0.388     | 6.53              | 5.36  | 18.67 | 30.57        | 22.75 | 53.32      |
| SC Loader 1Rw         | 6 ft       | 93,500         | 425        | 10          | 5.10     | 0.598     | 7.79              | 5.28  | 9.61  | 22.69        | 15.36 | 38.05      |
| SC Loader 2Rw         | 12 ft      | 165,000        | 425        | 10          | 7.00     | 0.300     | 3.90              | 3.63  | 8.51  | 16.05        | 13.59 | 29.64      |
| SC Transloader        |            | 33,000         | 120        | 12          | 4.70     | 0.250     | 3.25              | 2.03  | 4.12  | 9.41         | 6.98  | 16.39      |
| SC Truck&Trailer      | 30 Ton     | 49,500         | 400        | 10          | 7.00     | 1.000     | 13.01             | 12.11 | 8.66  | 33.78        | 14.42 | 48.21      |
| Sprayer( 300-450Gal)  | 47'        | 0              | 350        | 8           | 5.40     | 0.022     | 0.44              | 0.21  | 0.00  | 0.65         | 0.00  | 0.65       |
| Sprayer( 300-450Gal)  | 60'        | 103,000        | 350        | 8           | 5.66     | 0.017     | 0.34              | 0.17  | 0.09  | 0.61         | 0.61  | 1.23       |
| Sprayer( 300-450Gal)  | 80'        | 103,000        | 350        | 8           | 5.66     | 0.013     | 0.26              | 0.12  | 0.07  | 0.46         | 0.45  | 0.92       |
| Sprayer( 600-825Gal)  | 80'        | 234,000        | 350        | 8           | 10.29    | 0.013     | 0.26              | 0.38  | 0.16  | 0.81         | 1.02  | 1.83       |
| Sprayer( 600-825Gal)  | 90'        | 328,000        | 350        | 8           | 10.29    | 0.011     | 0.23              | 0.34  | 0.20  | 0.78         | 1.27  | 2.06       |
| Sprayer(1000-1400Gal) | 90'        | 328,000        | 350        | 8           | 14.15    | 0.014     | 0.27              | 0.56  | 0.24  | 1.09         | 1.53  | 2.62       |
| Sprayer(1200PlusGal)  | 120'       | 401,000        | 350        | 8           | 15.44    | 0.008     | 0.17              | 0.38  | 0.18  | 0.75         | 1.17  | 1.92       |

Appendix Table 8. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana 2022.

| Item Name            | Size       | Power Unit | Purchase Price | Annual Use | Useful Life | Perf Rate | Labor | Fuel  | ---R&M---<br>Imp. P.U. | Total Direct | --Fixed--<br>Imp. P.U. | Total Cost |
|----------------------|------------|------------|----------------|------------|-------------|-----------|-------|-------|------------------------|--------------|------------------------|------------|
|                      |            |            | dollars        | hours      | years       | hr/ac     |       |       |                        | \$/acre      |                        |            |
| Blade-Box            | 6'         | 2WD 130    | 1,500          | 200        | 20          | 0.020     | 0.23  | 0.38  | 0.01 0.07              | 0.70         | 0.01 0.41              | 1.12       |
| Blade-Box            | 10'        | 2WD 50     | 3,890          | 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     | 6,190          | 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     | 1,270          | 200        | 20          | 1.176     | 13.97 | 8.59  | 0.70 1.13              | 24.42        | 0.51 6.36              | 31.30      |
| Blade-Scraper        | 10'        | 2WD 50     | 3,870          | 200        | 20          | 1.176     | 13.97 | 8.59  | 2.16 1.13              | 25.87        | 1.56 6.36              | 33.80      |
| Blade-Scraper        | 14'        | 2WD 50     | 10,790         | 200        | 20          | 0.000     | 0.00  | 0.00  | 0.00 0.00              | 0.00         | 0.00 0.00              | 0.00       |
| Boll Buggy-1st Pick  | 2R38"157hp | MFWD 190   | 30,500         | 200        | 10          | 0.519     | 6.17  | 14.43 | 3.96 3.34              | 27.91        | 7.46 19.72             | 55.09      |
| Boll Buggy-1st pick  | 4R2x1260hp | MFWD 190   | 30,500         | 200        | 10          | 0.172     | 2.04  | 4.78  | 1.31 1.10              | 9.25         | 2.47 6.53              | 18.26      |
| Boll Buggy-1st pick  | 4R30"255hp | MFWD 190   | 30,500         | 200        | 10          | 0.327     | 3.88  | 9.09  | 2.49 2.10              | 17.58        | 4.69 12.42             | 34.71      |
| Boll Buggy-1st pick  | 4R30"325hp | MFWD 190   | 30,500         | 200        | 10          | 0.327     | 3.88  | 9.09  | 2.49 2.10              | 17.58        | 4.69 12.42             | 34.71      |
| Boll Buggy-1st pick  | 4R38"255hp | MFWD 190   | 30,500         | 200        | 10          | 0.257     | 3.06  | 7.15  | 1.96 1.65              | 13.84        | 3.70 9.78              | 27.33      |
| Boll Buggy-1st pick  | 4R38"325hp | MFWD 190   | 30,500         | 200        | 10          | 0.257     | 3.06  | 7.15  | 1.96 1.65              | 13.84        | 3.70 9.78              | 27.33      |
| Boll Buggy-1st pick  | 5R30"255hp | MFWD 190   | 30,500         | 200        | 10          | 0.261     | 3.11  | 7.27  | 1.99 1.68              | 14.06        | 3.75 9.93              | 27.76      |
| Boll Buggy-1st pick  | 5R38"255hp | MFWD 190   | 30,500         | 200        | 10          | 0.207     | 2.46  | 5.75  | 1.57 1.33              | 11.13        | 2.97 7.86              | 21.96      |
| Boll Buggy-1st pick  | 6R30"325hp | MFWD 190   | 30,500         | 200        | 10          | 0.218     | 2.59  | 6.06  | 1.66 1.40              | 11.72        | 3.13 8.28              | 23.14      |
| Boll Buggy-1st pick  | 6R38"325hp | MFWD 190   | 30,500         | 200        | 10          | 0.172     | 2.04  | 4.78  | 1.31 1.10              | 9.25         | 2.47 6.53              | 18.26      |
| Boll Buggy-2nd pick  | 2R38"157hp | MFWD 190   | 30,500         | 200        | 10          | 0.440     | 5.22  | 12.22 | 3.35 2.83              | 23.64        | 6.31 16.70             | 46.67      |
| Boll Buggy-2nd pick  | 4R2x1260hp | MFWD 190   | 30,500         | 200        | 10          | 0.145     | 1.73  | 4.05  | 1.11 0.93              | 7.84         | 2.09 5.53              | 15.47      |
| Boll Buggy-2nd pick  | 4R30"255hp | MFWD 190   | 30,500         | 200        | 10          | 0.277     | 3.29  | 7.70  | 2.11 1.78              | 14.89        | 3.98 10.52             | 29.40      |
| Boll Buggy-2nd pick  | 4R30"325hp | MFWD 190   | 30,500         | 200        | 10          | 0.277     | 3.29  | 7.70  | 2.11 1.78              | 14.89        | 3.98 10.52             | 29.40      |
| Boll Buggy-2nd pick  | 4R38 255hp | MFWD 190   | 30,500         | 200        | 10          | 0.218     | 2.59  | 6.06  | 1.66 1.40              | 11.72        | 3.13 8.28              | 23.15      |
| Boll Buggy-2nd pick  | 4R38 325hp | MFWD 190   | 30,500         | 200        | 10          | 0.218     | 2.59  | 6.06  | 1.66 1.40              | 11.72        | 3.13 8.28              | 23.15      |
| Boll Buggy-2nd pick  | 5R30"255hp | MFWD 190   | 30,500         | 200        | 10          | 0.221     | 2.63  | 6.16  | 1.69 1.42              | 11.91        | 3.18 8.41              | 23.52      |
| Boll Buggy-2nd pick  | 5R38"255hp | MFWD 190   | 30,500         | 200        | 10          | 0.175     | 2.08  | 4.87  | 1.33 1.12              | 9.42         | 2.51 6.66              | 18.60      |
| Boll Buggy-2nd pick  | 6R30"325hp | MFWD 190   | 30,500         | 200        | 10          | 0.184     | 2.19  | 5.13  | 1.40 1.19              | 9.93         | 2.65 7.01              | 19.60      |
| Boll Buggy-2nd pick  | 6R38"325hp | MFWD 190   | 30,500         | 200        | 10          | 0.145     | 1.73  | 4.05  | 1.11 0.93              | 7.84         | 2.09 5.53              | 15.47      |
| Boll Buggy-Stripper  | 13' Bcast  | MFWD 150   | 30,500         | 200        | 10          | 0.251     | 2.99  | 5.52  | 1.92 1.12              | 11.55        | 3.61 6.30              | 21.48      |
| Boll Buggy-Stripper  | 16' Bcast  | MFWD 150   | 30,500         | 200        | 10          | 0.204     | 2.43  | 4.48  | 1.56 0.91              | 9.39         | 2.93 5.12              | 17.45      |
| Boll Buggy-Stripper  | 19' Bcast  | MFWD 150   | 30,500         | 200        | 10          | 0.172     | 2.04  | 3.77  | 1.31 0.77              | 7.90         | 2.47 4.31              | 14.69      |
| Boll Buggy-Stripper  | 4R30"2X1Br | MFWD 150   | 30,500         | 200        | 10          | 0.218     | 2.59  | 4.78  | 1.66 0.97              | 10.01        | 3.13 5.46              | 18.61      |
| Boll Buggy-Stripper  | 4R30"325hp | MFWD 150   | 30,500         | 200        | 10          | 0.327     | 3.88  | 7.17  | 2.49 1.46              | 15.02        | 4.69 8.20              | 27.92      |
| Boll Buggy-Stripper  | 4R38"2X1Br | MFWD 150   | 30,500         | 200        | 10          | 0.172     | 2.04  | 3.77  | 1.31 0.77              | 7.90         | 2.47 4.31              | 14.69      |
| Boll Buggy-Stripper  | 4R38"Brush | MFWD 150   | 30,500         | 200        | 10          | 0.257     | 3.06  | 5.65  | 1.96 1.15              | 11.83        | 3.70 6.45              | 21.99      |
| Boll Buggy-Stripper  | 5R30"Brush | MFWD 150   | 30,500         | 200        | 10          | 0.261     | 3.11  | 5.74  | 1.99 1.17              | 12.02        | 3.75 6.56              | 22.34      |
| Boll Buggy-Stripper  | 5R38"Brush | MFWD 150   | 30,500         | 200        | 10          | 0.207     | 2.46  | 4.54  | 1.57 0.92              | 9.51         | 2.97 5.19              | 17.67      |
| Boll Buggy-Stripper  | 6R30"Brush | MFWD 150   | 30,500         | 200        | 10          | 0.218     | 2.59  | 4.78  | 1.66 0.97              | 10.01        | 3.13 5.46              | 18.61      |
| Chisel Plow(Folding) | 16'        | 2WD 130    | 22,500         | 150        | 12          | 0.115     | 1.37  | 2.19  | 0.93 0.42              | 4.93         | 1.50 2.37              | 8.80       |
| Chisel Plow(Folding) | 24'        | MFWD 190   | 45,200         | 150        | 12          | 0.076     | 0.90  | 2.12  | 1.24 0.49              | 4.77         | 1.99 2.90              | 9.66       |
| Chisel Plow(Folding) | 32'        | MFWD 225   | 58,400         | 150        | 12          | 0.057     | 0.68  | 1.90  | 1.21 0.44              | 4.25         | 1.94 2.63              | 8.83       |
| Chisel Plow(Folding) | 42'        | MFWD 225   | 67,000         | 150        | 12          | 0.044     | 0.52  | 1.44  | 1.06 0.34              | 3.37         | 1.70 2.01              | 7.09       |
| Chisel Plow(Rigid)   | 15'        | 2WD 130    | 15,800         | 150        | 12          | 0.123     | 1.46  | 2.34  | 0.70 0.45              | 4.96         | 1.12 2.53              | 8.62       |
| Chisel Plow(Rigid)   | 24'        | MFWD 190   | 16,000         | 150        | 12          | 0.077     | 0.91  | 2.13  | 0.44 0.49              | 3.99         | 0.71 2.92              | 7.63       |
| Chisel-Harrow        | 21 shank   | 2WD 190    | 6,750          | 150        | 12          | 0.088     | 1.04  | 2.44  | 0.21 0.39              | 4.09         | 0.34 2.31              | 6.76       |
| Chisel-Harrow        | 27 shank   | MFWD 225   | 14,100         | 150        | 12          | 0.068     | 0.81  | 2.25  | 0.34 0.53              | 3.94         | 0.55 3.12              | 7.63       |
| Colter-Chisel-Harrow | 21 shank   | 2WD 190    | 19,200         | 150        | 12          | 0.088     | 1.04  | 2.44  | 0.61 0.39              | 4.49         | 0.97 2.31              | 7.79       |
| Colter-Chisel-Harrow | 27 shank   | MFWD 225   | 24,000         | 150        | 12          | 0.068     | 0.81  | 2.25  | 0.59 0.53              | 4.18         | 0.94 3.12              | 8.26       |
| Corn Grain Cart 8R30 | 500 bu     | MFWD 190   | 29,100         | 200        | 12          | 0.031     | 0.37  | 0.88  | 0.25 0.20              | 1.72         | 0.40 1.21              | 3.33       |
| Corn Grain Cart 8R40 | 700bu      | MFWD 190   | 44,900         | 200        | 12          | 0.025     | 0.29  | 0.69  | 0.30 0.16              | 1.45         | 0.48 0.94              | 2.89       |
| Cult & Post          | 4R-38      | 2WD 105    | 21,600         | 150        | 10          | 0.173     | 2.84  | 2.65  | 0.99 0.36              | 6.86         | 2.45 2.03              | 11.35      |
| Cult & Post          | 6R-30      | MFWD 150   | 25,900         | 150        | 10          | 0.146     | 2.40  | 3.21  | 1.01 0.65              | 7.29         | 2.48 3.67              | 13.45      |
| Cult & Post          | 6R-38      | MFWD 150   | 26,600         | 150        | 10          | 0.115     | 1.90  | 2.53  | 0.82 0.51              | 5.77         | 2.01 2.90              | 10.69      |
| Cult & Post          | 8R-30      | MFWD 190   | 31,200         | 150        | 10          | 0.110     | 1.80  | 3.05  | 0.91 0.70              | 6.48         | 2.24 4.17              | 12.90      |
| Cult & Post          | 8R-38      | MFWD 190   | 35,800         | 150        | 10          | 0.086     | 1.42  | 2.41  | 0.83 0.55              | 5.23         | 2.04 3.30              | 10.57      |
| Cult & Post          | 8R-38 2x1  | MFWD 190   | 51,600         | 150        | 10          | 0.057     | 0.95  | 1.60  | 0.79 0.37              | 3.72         | 1.95 2.19              | 7.88       |
| Cult & Post          | 10R-30     | MFWD 225   | 32,000         | 150        | 10          | 0.088     | 1.44  | 2.89  | 0.75 0.68              | 5.77         | 1.84 4.02              | 11.63      |
| Cult & Post          | 10R-38     | MFWD 225   | 0              | 150        | 10          | 0.065     | 1.06  | 2.13  | 0.00 0.50              | 3.71         | 0.00 2.97              | 6.68       |
| Cult & Post          | 12R-30     | MFWD 225   | 50,600         | 150        | 10          | 0.073     | 1.20  | 2.41  | 0.98 0.56              | 5.17         | 2.43 3.35              | 10.95      |
| Cult & Post          | 12R-38     | MFWD 225   | 54,000         | 150        | 10          | 0.057     | 0.95  | 1.90  | 0.83 0.44              | 4.13         | 2.04 2.64              | 8.83       |
| Cultipacker          | 12'        | 2WD 130    | 6,720          | 300        | 12          | 0.124     | 1.47  | 2.36  | 0.19 0.45              | 4.49         | 0.25 2.55              | 7.30       |
| Cultipacker          | 20'        | MFWD 150   | 10,900         | 300        | 12          | 0.074     | 0.88  | 1.63  | 0.19 0.33              | 3.04         | 0.24 1.87              | 5.16       |
| Cultivate            | 4R-38      | 2WD 105    | 14,200         | 150        | 10          | 0.162     | 1.92  | 2.49  | 0.61 0.34              | 5.37         | 1.51 1.90              | 8.79       |
| Cultivate            | 6R-30      | MFWD 150   | 18,500         | 150        | 10          | 0.137     | 1.63  | 3.01  | 0.67 0.61              | 5.94         | 1.66 3.44              | 11.05      |
| Cultivate            | 6R-38      | MFWD 150   | 20,400         | 150        | 10          | 0.108     | 1.28  | 2.38  | 0.59 0.48              | 4.74         | 1.45 2.71              | 8.91       |
| Cultivate            | 8R-30      | MFWD 190   | 24,900         | 150        | 10          | 0.103     | 1.22  | 2.86  | 0.68 0.66              | 5.43         | 1.68 3.91              | 11.03      |
| Cultivate            | 8R-38      | MFWD 190   | 28,400         | 150        | 10          | 0.081     | 0.96  | 2.26  | 0.61 0.52              | 4.37         | 1.51 3.09              | 8.98       |
| Cultivate            | 8R-38 2x1  | MFWD 190   | 40,400         | 150        | 10          | 0.054     | 0.64  | 1.50  | 0.58 0.34              | 3.08         | 1.43 2.06              | 6.58       |
| Cultivate            | 10R-30     | MFWD 225   | 28,200         | 150        | 10          | 0.082     | 0.98  | 2.71  | 0.62 0.63              | 4.95         | 1.52 3.76              | 10.24      |
| Cultivate            | 10R-38     | MFWD 225   | 0              | 150        | 10          | 0.065     | 0.77  | 2.13  | 0.00 0.50              | 3.41         | 0.00 2.97              | 6.38       |
| Cultivate            | 12R-30     | MFWD 225   | 45,300         | 150        | 10          | 0.068     | 0.81  | 2.26  | 0.83 0.53              | 4.44         | 2.04 3.14              | 9.62       |
| Cultivate            | 12R-38     | MFWD 225   | 46,300         | 150        | 10          | 0.054     | 0.64  | 1.78  | 0.67 0.42              | 3.52         | 1.64 2.48              | 7.64       |
| Disk & Incorporate   | 14'        | 2WD 130    | 33,700         | 200        | 10          | 0.149     | 2.45  | 2.84  | 1.51 0.54              | 7.36         | 2.47 3.07              | 12.91      |
| Disk & Incorporate   | 24'        | MFWD 190   | 53,600         | 200        | 10          | 0.087     | 1.43  | 2.42  | 1.40 0.56              | 5.82         | 2.29 3.31              | 11.43      |
| Disk & Incorporate   | 32'        | 4WD 225    | 68,700         | 200        | 10          | 0.068     | 1.12  | 2.26  | 1.41 0.31              | 5.12         | 2.32 1.86              | 9.30       |
| Disk & Incorporate   | 42'        | MFWD 225   | 30,542         | 200        | 10          | 0.049     | 0.80  | 1.61  | 0.44 0.38              | 3.25         | 0.73 2.24              | 6.23       |
| Disk Bed (Hipper)    | 4R-38      | MFWD 150   | 10,500         | 160        | 10          | 0.147     | 1.75  | 3.23  | 0.38 0.65              | 6.03         | 0.95 3.69              | 10.68      |
| Disk Bed (Hipper)    | 6R-30      | MFWD 170   | 16,200         | 160        | 10          | 0.125     | 1.48  | 3.10  | 0.50 0.64              | 5.73         | 1.24 3.77              | 10.75      |
| Disk Bed (Hipper)    | 6R-38      | MFWD 170   | 16,200         | 160        | 10          | 0.098     | 1.17  | 2.45  | 0.39 0.50              | 4.52         | 0.98 2.98              | 8.49       |
| Disk Bed (Hipper)    | 8R-30      | MFWD 190   | 20,800         | 160        | 10          | 0.093     | 1.11  | 2.60  | 0.48 0.60              | 4.80         | 1.19 3.55              | 9.56       |
| Disk Bed (Hipper)    | 8R-38 2x1  | MFWD 190   | 51,400         | 160        | 10          | 0.049     | 0.58  | 1.37  | 0.63 0.31              | 2.90         | 1.55 1.87              | 6.33       |
| Disk Bed (Hipper)    | 10R-30     | MFWD 225   | 19,900         | 160        | 10          | 0.075     | 0.89  | 2.46  | 0.37 0.58              | 4.31         | 0.91 3.42              | 8.65       |
| Disk Bed (Hipper)    | 10R-38     | MFWD 225   | 23,100         | 160        | 10          | 0.059     | 0.70  | 1.94  | 0.34 0.45              | 3.44         | 0.83 2.70              | 6.99       |
| Disk Bed (Hipper)    | 12R-30     | MFWD 225   | 40,100         | 160        | 10          | 0.062     | 0.74  | 2.05  | 0.62 0.48              | 3.90         | 1.53 2.85              | 8.30       |

Appendix Table 8. Implements: estimated purchase price, annual use, useful life, performance rate,  
(Continued) and direct and fixed cost per acre, Louisiana 2022.

| Item Name            | Size      | Power Unit | Purchase Price | Annual Use | Useful Life | Perf Rate | Labor | Fuel  | ---R&M---<br>Imp. P.U. | Total Direct | --Fixed--<br>Imp. P.U. | Total Cost |
|----------------------|-----------|------------|----------------|------------|-------------|-----------|-------|-------|------------------------|--------------|------------------------|------------|
| -----\$/acre-----    |           |            |                |            |             |           |       |       |                        |              |                        |            |
| Disk Bed (Hipper)    | 12R-38    | MFWD 225   | 51,400         | 160        | 10          | 0.049     | 0.58  | 1.62  | 0.63 0.38              | 3.22         | 1.55 2.25              | 7.03       |
| Disk Bed (Hipper)Fld | 8R-38     | MFWD 190   | 22,000         | 160        | 10          | 0.074     | 0.88  | 2.05  | 0.40 0.47              | 3.82         | 1.00 2.81              | 7.63       |
| Disk Bed (Hipper)Rdg | 8R-38     | MFWD 190   | 19,700         | 160        | 10          | 0.074     | 0.88  | 2.05  | 0.36 0.47              | 3.78         | 0.89 2.81              | 7.49       |
| Disk Bed w/roller    | 8R-30     | 2WD 190    | 26,900         | 160        | 10          | 0.093     | 1.11  | 2.60  | 0.63 0.41              | 4.76         | 1.54 2.46              | 8.78       |
| Disk Bed w/roller    | 12R-30    | MFWD 225   | 50,900         | 160        | 10          | 0.062     | 0.74  | 2.05  | 0.79 0.48              | 4.07         | 1.95 2.85              | 8.88       |
| Disk Harrow          | 14'       | 2WD 130    | 32,200         | 180        | 10          | 0.140     | 1.66  | 2.66  | 1.25 0.51              | 6.10         | 2.46 2.88              | 11.45      |
| Disk Harrow          | 24'       | MFWD 190   | 52,200         | 180        | 10          | 0.081     | 0.97  | 2.27  | 1.18 0.52              | 4.95         | 2.33 3.10              | 10.39      |
| Disk Harrow          | 28'       | MFWD 225   | 62,300         | 180        | 10          | 0.070     | 0.83  | 2.30  | 1.21 0.54              | 4.89         | 2.38 3.20              | 10.49      |
| Disk Harrow          | 32'       | MFWD 225   | 62,600         | 180        | 10          | 0.061     | 0.72  | 2.01  | 1.06 0.47              | 4.29         | 2.09 2.80              | 9.19       |
| Disk Harrow          | 42'       | MFWD 225   | 110,100        | 180        | 10          | 0.046     | 0.55  | 1.53  | 1.43 0.36              | 3.88         | 2.81 2.13              | 8.83       |
| Ditcher              |           | 2WD 130    | 6,480          | 200        | 10          | 0.020     | 0.23  | 0.38  | 0.05 0.07              | 0.74         | 0.06 0.41              | 1.21       |
| Ditcher (1m/160a)    |           | 2WD 130    | 6,480          | 200        | 10          | 0.009     | 0.11  | 0.17  | 0.02 0.03              | 0.34         | 0.02 0.19              | 0.57       |
| Fert Appl (Liquid)   | 4R-38     | MFWD 150   | 19,000         | 150        | 8           | 0.154     | 2.53  | 3.39  | 1.95 0.69              | 8.57         | 2.05 3.87              | 14.51      |
| Fert Appl (Liquid)   | 6R-30     | MFWD 170   | 19,800         | 150        | 8           | 0.130     | 2.14  | 3.25  | 1.72 0.67              | 7.80         | 1.81 3.95              | 13.57      |
| Fert Appl (Liquid)   | 6R-38     | MFWD 170   | 19,800         | 150        | 8           | 0.103     | 1.69  | 2.56  | 1.36 0.52              | 6.15         | 1.43 3.12              | 10.71      |
| Fert Appl (Liquid)   | 8R-30     | MFWD 190   | 20,100         | 150        | 8           | 0.098     | 1.61  | 2.72  | 1.31 0.63              | 6.28         | 1.38 3.72              | 11.39      |
| Fert Appl (Liquid)   | 8R-38     | MFWD 190   | 22,600         | 150        | 8           | 0.077     | 1.27  | 2.15  | 1.16 0.49              | 5.10         | 1.22 2.94              | 9.27       |
| Fert Appl (Liquid)   | 8R-38 2x1 | MFWD 190   | 25,200         | 150        | 8           | 0.051     | 0.84  | 1.43  | 0.86 0.33              | 3.48         | 0.91 1.96              | 6.35       |
| Fert Appl (Liquid)   | 10R-30    | MFWD 225   | 18,600         | 150        | 8           | 0.078     | 1.28  | 2.58  | 0.97 0.60              | 5.45         | 1.02 3.58              | 10.07      |
| Fert Appl (Liquid)   | 10R-38    | MFWD 225   | 20,300         | 150        | 8           | 0.061     | 1.01  | 2.03  | 0.83 0.48              | 4.37         | 0.88 2.83              | 8.08       |
| Fert Appl (Liquid)   | 12R-30    | MFWD 225   | 25,900         | 150        | 8           | 0.078     | 1.28  | 2.58  | 1.35 0.60              | 5.83         | 1.42 3.58              | 10.85      |
| Fert Appl (Liquid)   | 12R-38    | MFWD 225   | 23,700         | 150        | 8           | 0.051     | 0.84  | 1.70  | 0.81 0.40              | 3.76         | 0.85 2.36              | 6.98       |
| Field Cultivate      | 12'       | 2WD 150    | 19,600         | 100        | 10          | 0.124     | 1.47  | 2.72  | 0.60 0.45              | 5.26         | 2.39 2.53              | 10.19      |
| Field Cultivate      | 24'       | MFWD 170   | 31,100         | 100        | 10          | 0.062     | 0.73  | 1.54  | 0.48 0.31              | 3.08         | 1.90 1.87              | 6.87       |
| Field Cultivate      | 32'       | MFWD 190   | 43,500         | 100        | 10          | 0.046     | 0.55  | 1.29  | 0.50 0.30              | 2.65         | 1.99 1.77              | 6.42       |
| Field Cultivate      | 42'       | MFWD 225   | 60,600         | 100        | 10          | 0.035     | 0.42  | 1.16  | 0.53 0.27              | 2.40         | 2.11 1.62              | 6.14       |
| Field Cultivate      | 50'       | MFWD 225   | 69,000         | 100        | 10          | 0.029     | 0.35  | 0.98  | 0.51 0.23              | 2.08         | 2.02 1.36              | 5.47       |
| Gate Installer       |           | 2WD 130    | 2,960          | 10         | 10          | 0.020     | 0.41  | 0.38  | 0.17 0.07              | 1.04         | 0.55 0.41              | 2.01       |
| Grain Drill          | 12'       | 2WD 130    | 28,200         | 150        | 8           | 0.157     | 3.29  | 2.98  | 1.66 0.57              | 8.51         | 2.94 3.23              | 14.69      |
| Grain Drill          | 15'       | MFWD 150   | 34,400         | 150        | 8           | 0.125     | 2.63  | 2.75  | 1.62 0.56              | 7.57         | 2.87 3.14              | 13.59      |
| Grain Drill          | 20'       | MFWD 170   | 41,900         | 150        | 8           | 0.094     | 1.97  | 2.34  | 1.48 0.48              | 6.28         | 2.62 2.84              | 11.75      |
| Grain Drill          | 24'       | MFWD 190   | 67,300         | 150        | 8           | 0.078     | 1.64  | 2.18  | 1.98 0.50              | 6.31         | 3.51 2.98              | 12.81      |
| Grain Drill          | 30'       | MFWD 225   | 68,900         | 150        | 8           | 0.062     | 1.31  | 2.06  | 1.62 0.48              | 5.49         | 2.87 2.87              | 11.24      |
| Grain Drill & Pre    | 12'       | 2WD 130    | 35,400         | 150        | 8           | 0.169     | 3.54  | 3.21  | 2.24 0.62              | 9.62         | 3.98 3.48              | 17.08      |
| Grain Drill & Pre    | 15'       | MFWD 150   | 41,200         | 150        | 8           | 0.135     | 2.83  | 2.96  | 2.09 0.60              | 8.50         | 3.70 3.39              | 15.59      |
| Grain Drill & Pre    | 20'       | MFWD 170   | 48,800         | 150        | 8           | 0.101     | 2.12  | 2.52  | 1.85 0.52              | 7.02         | 3.29 3.06              | 13.38      |
| Grain Drill & Pre    | 24'       | MFWD 190   | 74,200         | 150        | 8           | 0.084     | 1.77  | 2.35  | 2.35 0.54              | 7.02         | 4.17 3.21              | 14.40      |
| Grain Drill & Pre    | 30'       | MFWD 225   | 75,800         | 150        | 8           | 0.067     | 1.41  | 2.22  | 1.92 0.52              | 6.09         | 3.41 3.09              | 12.59      |
| Harrow               | 13'       | 2WD 130    | 4,360          | 200        | 10          | 0.119     | 1.41  | 2.27  | 0.18 0.43              | 4.30         | 0.25 2.45              | 7.02       |
| Harrow               | 21'       | 2WD 150    | 6,750          | 200        | 10          | 0.073     | 0.87  | 1.62  | 0.17 0.26              | 2.94         | 0.24 1.50              | 4.69       |
| Harrow               | 40'       | MFWD 190   | 21,300         | 200        | 10          | 0.038     | 0.46  | 1.07  | 0.28 0.24              | 2.07         | 0.40 1.47              | 3.95       |
| Harrow               | 47'       | MFWD 190   | 26,000         | 200        | 10          | 0.033     | 0.39  | 0.91  | 0.30 0.21              | 1.82         | 0.42 1.25              | 3.49       |
| Header - Corn        | 4R-38     | 240hp      | 25,147         | 300        | 8           | 0.201     | 3.07  | 7.05  | 1.26 3.38              | 14.78        | 1.77 12.55             | 29.11      |
| Header - Corn        | 6R30"     | 240hp      | 54,200         | 300        | 8           | 0.170     | 2.60  | 5.97  | 2.30 2.86              | 13.75        | 3.23 10.63             | 27.61      |
| Header - Corn        | 6R38"     | 240hp      | 53,800         | 300        | 8           | 0.134     | 2.05  | 4.71  | 1.80 2.26              | 10.84        | 2.53 8.39              | 21.77      |
| Header - Corn        | 8R-30     | 240hp      | 71,200         | 300        | 8           | 0.127     | 1.95  | 4.47  | 2.27 2.14              | 10.85        | 3.18 7.97              | 22.01      |
| Header - Corn        | 8R-38     | 275hp      | 72,200         | 300        | 8           | 0.100     | 1.54  | 4.05  | 1.82 4.11              | 11.53        | 2.55 15.25             | 29.35      |
| Header - Corn        | 12R-20    | 275hp      | 105,000        | 300        | 8           | 0.127     | 1.95  | 5.13  | 3.35 5.20              | 15.64        | 4.69 19.30             | 39.64      |
| Header - Corn        | 12R-30    | 275hp      | 118,000        | 300        | 8           | 0.085     | 1.30  | 3.42  | 2.51 3.46              | 10.70        | 3.52 12.86             | 27.09      |
| Header - Rice (CL)   | 22' Rigid | 240hp      | 21,887         | 300        | 8           | 0.288     | 4.41  | 10.11 | 1.57 4.85              | 20.96        | 2.21 18.01             | 41.18      |
| Header - Rice (CL)   | 25' Rigid | 240hp      | 64,400         | 300        | 8           | 0.253     | 3.88  | 8.90  | 4.08 4.27              | 21.14        | 5.72 15.85             | 42.72      |
| Header - Rice (CL)   | 30' Rigid | 275hp      | 74,100         | 300        | 8           | 0.211     | 3.23  | 8.50  | 3.91 8.61              | 24.27        | 5.49 31.97             | 61.73      |
| Header - Rice (SL)   | 22' Rigid | 240hp      | 21,887         | 300        | 8           | 0.250     | 3.82  | 8.76  | 1.36 4.20              | 18.16        | 1.91 15.61             | 35.69      |
| Header - Rice (SL)   | 25' Rigid | 240hp      | 64,400         | 300        | 8           | 0.220     | 3.36  | 7.71  | 3.54 3.70              | 18.32        | 4.96 13.73             | 37.02      |
| Header - Rice (SL)   | 30' Rigid | 275hp      | 74,100         | 300        | 8           | 0.183     | 2.80  | 7.36  | 3.39 7.46              | 21.03        | 4.75 27.70             | 53.50      |
| Header - Soybean     | 15' Flex  | 240hp      | 0              | 300        | 8           | 0.170     | 2.60  | 5.97  | 0.00 2.86              | 11.44        | 0.00 10.63             | 22.07      |
| Header - Soybean     | 18' Flex  | 240hp      | 20,309         | 300        | 8           | 0.141     | 2.17  | 4.97  | 0.72 2.38              | 10.25        | 1.00 8.86              | 20.12      |
| Header - Soybean     | 22' Flex  | 240hp      | 33,800         | 300        | 8           | 0.116     | 1.77  | 4.07  | 0.98 1.95              | 8.78         | 1.37 7.25              | 17.40      |
| Header - Soybean     | 25' Flex  | 275hp      | 35,900         | 300        | 8           | 0.102     | 1.56  | 2.50  | 0.91 3.74              | 8.72         | 1.30 14.12             | 24.15      |
| Header - Soybean     | 30' Flex  | 275hp      | 42,400         | 300        | 8           | 0.085     | 1.30  | 2.08  | 0.90 3.12              | 7.41         | 1.28 11.76             | 20.46      |
| Header Wheat/Sorghum | 18' Rigid | 240hp      | 19,069         | 300        | 8           | 0.141     | 2.17  | 3.03  | 0.67 2.38              | 8.26         | 0.96 9.00              | 18.23      |
| Header Wheat/Sorghum | 22' Rigid | 240hp      | 19,800         | 300        | 8           | 0.116     | 1.77  | 2.48  | 0.57 1.95              | 6.78         | 0.82 7.36              | 14.96      |
| Header Wheat/Sorghum | 25' Rigid | 240hp      | 21,000         | 300        | 8           | 0.102     | 1.56  | 2.18  | 0.53 1.71              | 6.00         | 0.76 6.48              | 13.24      |
| Header Wheat/Sorghum | 30' Rigid | 275hp      | 25,700         | 300        | 8           | 0.085     | 1.30  | 2.08  | 0.54 3.12              | 7.05         | 0.78 11.76             | 19.60      |
| Header-Cotton Bcast  | 13'       | 173hp      | 21,300         | 200        | 8           | 0.251     | 6.13  | 3.52  | 1.00 6.68              | 17.34        | 2.87 25.21             | 45.43      |
| Header-Cotton-Bcast  | 16'       | 173hp      | 23,800         | 200        | 8           | 0.204     | 4.98  | 2.86  | 0.91 5.43              | 14.19        | 2.60 20.48             | 37.28      |
| Header-Cotton-Bcast  | 19'       | 173hp      | 26,200         | 200        | 8           | 0.172     | 4.19  | 2.40  | 0.84 4.57              | 12.02        | 2.41 17.25             | 31.69      |
| Header-Cotton-Brush  | 4R30"     | 173hp      | 20,520         | 200        | 8           | 0.327     | 7.97  | 4.57  | 1.25 8.69              | 22.50        | 3.59 32.77             | 58.88      |
| Header-Cotton-Brush  | 4R30"2X1  | 173hp      | 34,400         | 200        | 8           | 0.218     | 5.31  | 3.05  | 1.40 5.79              | 15.57        | 4.01 21.85             | 41.44      |
| Header-Cotton-Brush  | 4R38"     | 173hp      | 34,000         | 200        | 8           | 0.257     | 6.27  | 3.60  | 1.64 6.84              | 18.37        | 4.69 25.81             | 48.87      |
| Header-Cotton-Brush  | 4R38"2X1  | 173hp      | 36,000         | 200        | 8           | 0.172     | 4.19  | 2.40  | 1.16 4.57              | 12.34        | 3.31 17.25             | 32.91      |

Appendix Table 8. Implements: estimated purchase price, annual use, useful life, performance rate,  
(Continued) and direct and fixed cost per acre, Louisiana 2022.

| Item Name            | Size        | Power Unit | Purchase Price | Annual Use | Useful Life | Perf Rate | Labor | Fuel  | ---R&M---<br>Imp. P.U. | Total Direct | --Fixed--<br>Imp. P.U. | Total Cost |
|----------------------|-------------|------------|----------------|------------|-------------|-----------|-------|-------|------------------------|--------------|------------------------|------------|
|                      |             |            | dollars        | hours      | years       | hr/ac     |       |       |                        | \$/acre      |                        |            |
| Header-Cotton-Brush  | 5R-30       | 173hp      | 42,800         | 200        | 8           | 0.261     | 6.37  | 6.00  | 2.10                   | 6.95         | 21.44                  | 53.15      |
| Header-Cotton-Brush  | 5R-38       | 173hp      | 44,300         | 200        | 8           | 0.207     | 5.04  | 4.75  | 1.72                   | 5.50         | 17.02                  | 42.27      |
| Header-Cotton-Brush  | 6R-30       | 173hp      | 52,700         | 200        | 8           | 0.218     | 5.31  | 5.00  | 2.15                   | 5.79         | 18.27                  | 45.83      |
| Heavy Disk           | 14'         | MFWD 150   | 25,900         | 180        | 10          | 0.145     | 1.73  | 3.20  | 1.05                   | 0.65         | 6.63                   | 12.35      |
| Heavy Disk           | 21'         | MFWD 170   | 40,600         | 180        | 10          | 0.097     | 1.15  | 2.41  | 1.09                   | 0.49         | 5.16                   | 10.26      |
| Heavy Disk           | 27'         | MFWD 190   | 50,400         | 180        | 10          | 0.075     | 0.89  | 2.10  | 1.05                   | 0.48         | 4.54                   | 9.50       |
| LA Boom Sprayer      | 30 ft       | MFWD 150   | 3,000          | 150        | 10          | 0.059     | 0.71  | 1.31  | 0.13                   | 0.26         | 2.42                   | 4.06       |
| Land Plane           | 40'x10'     | MFWD 190   | 6,020          | 200        | 10          | 0.242     | 2.88  | 6.73  | 0.29                   | 1.56         | 11.47                  | 21.40      |
| Land Plane           | 50'x16'     | MFWD 190   | 11,100         | 200        | 10          | 0.151     | 1.80  | 4.21  | 0.33                   | 0.97         | 7.32                   | 13.90      |
| LARice Backhoe-Rrmnt | 2 ft        | MFWD 150   | 6,000          | 100        | 10          | 0.500     | 5.94  | 10.96 | 2.64                   | 2.23         | 21.77                  | 37.75      |
| LARice Land Level    | 13 ft       | MFWD 150   | 7,500          | 200        | 15          | 0.190     | 2.25  | 4.16  | 0.15                   | 0.84         | 7.43                   | 12.80      |
| LARice Levee Plow    | 8 ft        | 4WD 300    | 4,600          | 150        | 10          | 0.050     | 0.59  | 2.19  | 0.07                   | 0.46         | 3.32                   | 6.25       |
| LARice Water Level   | 24 ft       | 4WD 300    | 3,500          | 100        | 15          | 0.149     | 1.78  | 6.57  | 0.23                   | 1.39         | 9.98                   | 18.66      |
| Levee Splitter (1/80 | 2 blade     | 2WD 150    | 8,270          | 50         | 10          | 0.004     | 0.04  | 0.09  | 0.00                   | 0.01         | 0.15                   | 0.31       |
| Lo-Till & Bed        | 4R-38       | MFWD 190   | 5,100          | 150        | 12          | 0.145     | 1.72  | 4.04  | 0.26                   | 0.93         | 6.97                   | 12.94      |
| Middle Buster        | 6R-38       | MFWD 150   | 12,800         | 160        | 8           | 0.120     | 1.42  | 2.63  | 0.36                   | 0.53         | 4.96                   | 9.03       |
| Middle Buster        | 8R-30       | MFWD 190   | 20,800         | 160        | 8           | 0.114     | 1.35  | 3.17  | 0.55                   | 0.73         | 5.81                   | 11.79      |
| Middle Buster        | 8R-38       | MFWD 190   | 18,100         | 160        | 8           | 0.090     | 1.07  | 2.50  | 0.38                   | 0.58         | 4.54                   | 9.09       |
| Middle Buster        | 8R-40 2x1   | MFWD 190   | 29,200         | 160        | 8           | 0.060     | 0.71  | 1.66  | 0.41                   | 0.38         | 3.18                   | 6.67       |
| Middle Buster        | 10R-30      | MFWD 225   | 29,300         | 160        | 8           | 0.091     | 1.08  | 3.00  | 0.62                   | 0.70         | 5.42                   | 11.44      |
| Middle Buster        | 10R-38      | MFWD 225   | 32,100         | 160        | 8           | 0.072     | 0.85  | 2.36  | 0.54                   | 0.55         | 4.32                   | 9.21       |
| Middle Buster        | 12R-38      | MFWD 225   | 29,200         | 160        | 8           | 0.060     | 0.71  | 1.97  | 0.41                   | 0.46         | 3.56                   | 7.52       |
| Module Builder-1st   | 2R-38 (157) | MFWD 190   | 31,300         | 200        | 10          | 0.519     | 10.88 | 14.43 | 4.06                   | 3.34         | 32.72                  | 60.10      |
| Module Builder-1st   | 4R-30 (255) | MFWD 190   | 34,700         | 200        | 10          | 0.327     | 6.85  | 9.09  | 2.84                   | 2.10         | 20.89                  | 38.66      |
| Module Builder-1st   | 4R-30 (325) | MFWD 190   | 34,700         | 200        | 10          | 0.327     | 6.85  | 9.09  | 2.84                   | 2.10         | 20.89                  | 38.66      |
| Module Builder-1st   | 4R-38 (255) | MFWD 190   | 34,700         | 200        | 10          | 0.257     | 5.39  | 7.15  | 2.23                   | 1.65         | 16.45                  | 30.44      |
| Module Builder-1st   | 4R-38 (325) | MFWD 190   | 34,700         | 200        | 10          | 0.257     | 5.39  | 7.15  | 2.23                   | 1.65         | 16.45                  | 30.44      |
| Module Builder-1st   | 4R2x1260hp  | MFWD 190   | 34,700         | 200        | 10          | 0.172     | 3.60  | 4.78  | 1.49                   | 1.10         | 10.99                  | 20.35      |
| Module Builder-1st   | 5R-30 (255) | MFWD 190   | 34,700         | 200        | 10          | 0.261     | 5.48  | 7.27  | 2.27                   | 1.68         | 16.71                  | 30.93      |
| Module Builder-1st   | 5R-38 (255) | MFWD 190   | 34,700         | 200        | 10          | 0.207     | 4.33  | 5.75  | 1.79                   | 1.33         | 13.22                  | 24.47      |
| Module Builder-1st   | 6R-30 (325) | MFWD 190   | 34,700         | 200        | 10          | 0.218     | 4.57  | 6.06  | 1.89                   | 1.40         | 13.93                  | 25.77      |
| Module Builder-1st   | 6R-38 (325) | MFWD 190   | 34,700         | 200        | 10          | 0.172     | 3.60  | 4.78  | 1.49                   | 1.10         | 10.99                  | 20.35      |
| Module Builder-2nd   | 2R-38 (157) | MFWD 190   | 34,700         | 200        | 10          | 0.440     | 9.21  | 12.22 | 3.81                   | 2.83         | 28.09                  | 51.99      |
| Module Builder-2nd   | 4R-30 (255) | MFWD 190   | 34,700         | 200        | 10          | 0.277     | 5.80  | 7.70  | 2.40                   | 1.78         | 17.69                  | 32.75      |
| Module Builder-2nd   | 4R-30 (325) | MFWD 190   | 34,700         | 200        | 10          | 0.277     | 5.80  | 7.70  | 2.40                   | 1.78         | 17.69                  | 32.75      |
| Module Builder-2nd   | 4R-38 (255) | MFWD 190   | 34,700         | 200        | 10          | 0.218     | 4.57  | 6.06  | 1.89                   | 1.40         | 13.93                  | 25.79      |
| Module Builder-2nd   | 4R-38 (325) | MFWD 190   | 34,700         | 200        | 10          | 0.218     | 4.57  | 6.06  | 1.89                   | 1.40         | 13.93                  | 25.79      |
| Module Builder-2nd   | 4R2x1 255   | MFWD 190   | 34,700         | 200        | 10          | 0.145     | 3.05  | 4.05  | 1.26                   | 0.93         | 9.31                   | 17.23      |
| Module Builder-2nd   | 5R-30 (255) | MFWD 190   | 34,700         | 200        | 10          | 0.221     | 4.64  | 6.16  | 1.92                   | 1.42         | 14.15                  | 26.20      |
| Module Builder-2nd   | 5R-38 (255) | MFWD 190   | 34,700         | 200        | 10          | 0.175     | 3.67  | 4.87  | 1.52                   | 1.12         | 11.20                  | 20.73      |
| Module Builder-2nd   | 6R-30 (325) | MFWD 190   | 34,700         | 200        | 10          | 0.184     | 3.87  | 5.13  | 1.60                   | 1.19         | 11.79                  | 21.83      |
| Module Builder-2nd   | 6R-38 (325) | MFWD 190   | 34,700         | 200        | 10          | 0.145     | 3.05  | 4.05  | 1.26                   | 0.93         | 9.31                   | 17.23      |
| Module Builder-Strip | 13' Bcast   | MFWD 150   | 34,700         | 200        | 10          | 0.251     | 5.27  | 5.52  | 2.18                   | 1.12         | 14.10                  | 24.52      |
| Module Builder-Strip | 16' Bcast   | MFWD 150   | 34,700         | 200        | 10          | 0.204     | 4.28  | 4.48  | 1.77                   | 0.91         | 11.46                  | 19.92      |
| Module Builder-Strip | 19' Brush   | MFWD 150   | 34,700         | 200        | 10          | 0.172     | 3.60  | 3.77  | 1.49                   | 0.77         | 9.65                   | 16.78      |
| Module Builder-Strip | 4R-30       | MFWD 150   | 34,700         | 200        | 10          | 0.327     | 6.85  | 7.17  | 2.84                   | 1.46         | 18.33                  | 31.88      |
| Module Builder-Strip | 4R-30 2X1   | MFWD 150   | 34,700         | 200        | 10          | 0.218     | 4.57  | 4.78  | 1.89                   | 0.97         | 12.22                  | 21.25      |
| Module Builder-Strip | 4R-38       | MFWD 150   | 34,700         | 200        | 10          | 0.257     | 5.39  | 5.65  | 2.23                   | 1.15         | 14.43                  | 25.10      |
| Module Builder-Strip | 4R-38 2X1   | MFWD 150   | 34,700         | 200        | 10          | 0.172     | 3.60  | 3.77  | 1.49                   | 0.77         | 9.65                   | 16.78      |
| Module Builder-Strip | 5R-30       | MFWD 150   | 34,700         | 200        | 10          | 0.261     | 5.48  | 5.74  | 2.27                   | 1.17         | 14.66                  | 25.50      |
| Module Builder-Strip | 5R-38       | MFWD 150   | 34,700         | 200        | 10          | 0.207     | 4.33  | 4.54  | 1.79                   | 0.92         | 11.60                  | 20.18      |
| Module Builder-Strip | 6R-30       | MFWD 150   | 34,700         | 200        | 10          | 0.218     | 4.57  | 4.78  | 1.89                   | 0.97         | 12.22                  | 21.25      |
| Mulcher Plow         | 30'         | MFWD 225   | 0              | 100        | 10          | 0.068     | 0.80  | 2.24  | 0.00                   | 0.52         | 3.57                   | 6.68       |
| NT Grain Drill       | 12'         | 2WD 130    | 46,900         | 150        | 8           | 0.163     | 3.42  | 3.11  | 2.87                   | 0.60         | 10.01                  | 18.48      |
| NT Grain Drill       | 15'         | MFWD 150   | 56,900         | 150        | 8           | 0.130     | 2.74  | 2.87  | 2.79                   | 0.58         | 8.99                   | 17.22      |
| NT Grain Drill       | 20'         | MFWD 170   | 68,700         | 150        | 8           | 0.098     | 2.05  | 2.44  | 2.53                   | 0.50         | 7.53                   | 14.98      |
| NT Grain Drill       | 24'         | MFWD 190   | 98,000         | 150        | 8           | 0.081     | 1.71  | 2.27  | 3.00                   | 0.52         | 7.52                   | 15.95      |
| NT Grain Drill       | 30'         | MFWD 225   | 104,300        | 150        | 8           | 0.065     | 1.37  | 2.15  | 2.56                   | 0.50         | 6.59                   | 14.12      |
| NT Grain Drill & Pre | 12'         | 2WD 130    | 54,000         | 150        | 8           | 0.176     | 3.69  | 3.34  | 3.56                   | 0.64         | 11.25                  | 21.21      |
| NT Grain Drill       | 15'         | MFWD 150   | 56,000         | 150        | 8           | 0.130     | 2.73  | 1.74  | 2.74                   | 0.58         | 7.81                   | 16.13      |
| NT Grain Drill       | 20'         | MFWD 170   | 67,400         | 150        | 8           | 0.098     | 2.05  | 1.48  | 2.48                   | 0.49         | 6.51                   | 13.94      |
| NT Grain Drill       | 24'         | MFWD 190   | 98,000         | 150        | 8           | 0.081     | 1.70  | 1.38  | 3.00                   | 0.48         | 6.58                   | 14.91      |
| NT Grain Drill       | 30'         | MFWD 225   | 104,300        | 150        | 8           | 0.065     | 1.36  | 1.31  | 2.56                   | 0.47         | 5.71                   | 13.20      |
| NT Grain Drill & Pre | 12'         | 2WD 130    | 54,000         | 150        | 8           | 0.176     | 3.68  | 2.04  | 3.56                   | 0.62         | 9.91                   | 19.92      |
| NT Grain Drill & Pre | 15'         | MFWD 150   | 63,300         | 150        | 8           | 0.141     | 2.95  | 3.09  | 3.34                   | 0.63         | 10.02                  | 19.48      |
| NT Grain Drill & Pre | 20'         | MFWD 170   | 74,700         | 150        | 8           | 0.105     | 2.21  | 2.62  | 2.96                   | 0.54         | 8.34                   | 16.79      |
| NT Grain Drill & Pre | 24'         | MFWD 190   | 105,000        | 150        | 8           | 0.088     | 1.84  | 2.44  | 3.47                   | 0.56         | 8.33                   | 17.82      |
| NT Grain Drill & Pre | 30'         | MFWD 225   | 112,000        | 150        | 8           | 0.070     | 1.47  | 2.31  | 2.96                   | 0.54         | 7.30                   | 15.77      |
| NT Plant&Pre-Folding | 8R-38       | MFWD 170   | 67,800         | 150        | 8           | 0.083     | 1.75  | 2.07  | 2.12                   | 0.42         | 6.38                   | 12.67      |
| NT Plant&Pre-Folding | 8R-38 2x1   | MFWD 170   | 107,000        | 150        | 8           | 0.055     | 1.16  | 1.38  | 2.23                   | 0.28         | 5.06                   | 10.70      |
| NT Plant&Pre-Folding | 10R-30      | MFWD 190   | 57,555         | 150        | 8           | 0.084     | 1.77  | 2.35  | 1.82                   | 0.54         | 6.49                   | 12.94      |
| NT Plant&Pre-Folding | 10R-38      | MFWD 190   | 52,893         | 150        | 8           | 0.066     | 1.39  | 1.85  | 1.32                   | 0.42         | 5.00                   | 9.88       |
| NT Plant&Pre-Folding | 12R-20      | MFWD 190   | 82,800         | 150        | 8           | 0.105     | 2.21  | 2.93  | 3.28                   | 0.68         | 9.11                   | 18.95      |
| NT Plant&Pre-Folding | 12R-30      | MFWD 190   | 94,600         | 150        | 8           | 0.070     | 1.47  | 1.95  | 2.50                   | 0.45         | 6.39                   | 13.49      |
| NT Plant&Pre-Folding | 12R-38      | MFWD 190   | 107,000        | 150        | 8           | 0.055     | 1.16  | 1.54  | 2.23                   | 0.35         | 5.30                   | 11.37      |
| NT Plant&Pre-Folding | 16R-30      | MFWD 190   | 142,000        | 150        | 8           | 0.052     | 1.10  | 1.46  | 2.81                   | 0.34         | 5.73                   | 12.73      |
| NT Plant&Pre-Folding | 23R-15      | MFWD 190   | 192,000        | 150        | 8           | 0.073     | 1.53  | 2.04  | 5.28                   | 0.47         | 9.33                   | 21.49      |
| NT Plant&Pre-Folding | 24R-20      | MFWD 190   | 214,000        | 150        | 8           | 0.052     | 1.10  | 1.46  | 4.24                   | 0.34         | 7.16                   | 16.68      |
| NT Plant&Pre-Folding | 24R-30      | MFWD 190   | 223,000        | 150        | 8           | 0.035     | 0.73  | 0.97  | 2.94                   | 0.22         | 4.89                   | 11.45      |
| NT Plant&Pre-Rigid   | 4R-30       | 2WD 130    | 34,600         | 150        | 8           | 0.211     | 4.42  | 4.01  | 2.74                   | 0.77         | 11.97                  | 21.18      |
| NT Plant&Pre-Rigid   | 4R-38       | 2WD 130    | 36,000         | 150        | 8           | 0.166     | 3.48  | 3.16  | 2.24                   | 0.61         | 9.51                   | 16.92      |
| NT Plant&Pre-Rigid   | 6R-30       | MFWD 150   | 44,300         | 150        | 8           | 0.141     | 2.95  | 3.09  | 2.34                   | 0.63         | 9.01                   | 16.70      |
| NT Plant&Pre-Rigid   | 6R-38       | MFWD 150   | 43,500         | 150        | 8           | 0.111     | 2.33  | 2.44  | 1.81                   | 0.49         | 7.08                   | 13.09      |

Appendix Table 8. Implements: estimated purchase price, annual use, useful life, performance rate,  
(Continued) and direct and fixed cost per acre, Louisiana 2022.

| Item Name            | Size      | Power Unit | Purchase Price | Annual Use | Useful Life | Perf Rate | Labor             | Fuel | ---R&M---<br>Imp. P.U. | Total Direct | --Fixed--<br>Imp. P.U. | Total Cost |      |       |
|----------------------|-----------|------------|----------------|------------|-------------|-----------|-------------------|------|------------------------|--------------|------------------------|------------|------|-------|
|                      |           |            | dollars        | hours      | years       | hr/ac     | -----\$/acre----- |      |                        |              |                        |            |      |       |
| NT Plant&Pre-Rigid   | 12R-20    | MFWD 190   | 65,700         | 150        | 8           | 0.105     | 2.20              | 1.78 | 2.60                   | 0.62         | 7.22                   | 4.70       | 3.74 | 15.68 |
| NT Plant&Pre-Rigid   | 12R-30    | MFWD 190   | 82,800         | 150        | 8           | 0.070     | 1.47              | 1.19 | 2.18                   | 0.41         | 5.27                   | 3.95       | 2.49 | 11.72 |
| NT Plant-Folding     | 8R-38     | MFWD 170   | 60,400         | 150        | 8           | 0.077     | 1.62              | 1.17 | 1.75                   | 0.38         | 4.94                   | 3.17       | 2.32 | 10.44 |
| NT Plant-Folding     | 8R-38 2x1 | MFWD 170   | 93,400         | 150        | 8           | 0.051     | 1.07              | 0.78 | 1.81                   | 0.25         | 3.93                   | 3.27       | 1.54 | 8.75  |
| NT Plant-Folding     | 10R-30    | MFWD 190   | 52,061         | 150        | 8           | 0.078     | 1.64              | 1.32 | 1.53                   | 0.46         | 4.96                   | 2.77       | 2.78 | 10.52 |
| NT Plant-Folding     | 10R-38    | MFWD 190   | 47,646         | 150        | 8           | 0.061     | 1.29              | 1.04 | 1.10                   | 0.36         | 3.81                   | 2.00       | 2.19 | 8.01  |
| NT Plant-Folding     | 12R-20    | MFWD 190   | 75,200         | 150        | 8           | 0.098     | 2.05              | 1.66 | 2.76                   | 0.58         | 7.06                   | 5.00       | 3.47 | 15.54 |
| NT Plant-Folding     | 12R-30    | MFWD 190   | 81,700         | 150        | 8           | 0.065     | 1.36              | 1.10 | 2.00                   | 0.38         | 4.86                   | 3.62       | 2.31 | 10.81 |
| NT Plant-Folding     | 12R-38    | MFWD 190   | 93,400         | 150        | 8           | 0.051     | 1.07              | 0.87 | 1.81                   | 0.30         | 4.07                   | 3.27       | 1.83 | 9.17  |
| NT Plant-Folding     | 16R-30    | MFWD 190   | 128,000        | 150        | 8           | 0.049     | 1.02              | 0.83 | 2.35                   | 0.29         | 4.50                   | 4.26       | 1.73 | 10.50 |
| NT Plant-Folding     | 23R-15    | MFWD 190   | 176,000        | 150        | 8           | 0.068     | 1.42              | 1.15 | 4.50                   | 0.40         | 7.48                   | 8.13       | 2.41 | 18.03 |
| NT Plant-Folding     | 24R-20    | MFWD 190   | 197,000        | 150        | 8           | 0.049     | 1.02              | 0.83 | 3.62                   | 0.29         | 5.77                   | 6.55       | 1.73 | 14.06 |
| NT Plant-Folding     | 24R-30    | MFWD 190   | 204,000        | 150        | 8           | 0.032     | 0.68              | 0.55 | 2.50                   | 0.19         | 3.93                   | 4.52       | 1.15 | 9.62  |
| NT Plant-Rigid       | 4R-30     | 2WD 130    | 27,200         | 150        | 8           | 0.196     | 4.10              | 2.27 | 2.00                   | 0.69         | 9.07                   | 3.62       | 3.95 | 16.65 |
| NT Plant-Rigid       | 4R-38     | 2WD 130    | 28,600         | 150        | 8           | 0.154     | 3.23              | 1.79 | 1.65                   | 0.54         | 7.22                   | 2.99       | 3.11 | 13.34 |
| NT Plant-Rigid       | 6R-30     | MFWD 150   | 37,000         | 150        | 8           | 0.130     | 2.73              | 1.74 | 1.81                   | 0.58         | 6.88                   | 3.28       | 3.34 | 13.51 |
| NT Plant-Rigid       | 6R-38     | MFWD 150   | 36,100         | 150        | 8           | 0.103     | 2.15              | 1.38 | 1.39                   | 0.46         | 5.40                   | 2.52       | 2.63 | 10.56 |
| NT Plant-Rigid       | 8R-22     | MFWD 170   | 21,142         | 150        | 8           | 0.133     | 2.79              | 2.02 | 1.05                   | 0.66         | 6.54                   | 1.91       | 4.00 | 12.46 |
| NT Plant-Rigid       | 8R-30     | MFWD 170   | 47,100         | 150        | 8           | 0.098     | 2.05              | 1.48 | 1.73                   | 0.49         | 5.76                   | 3.13       | 2.94 | 11.84 |
| NT Plant-Rigid       | 8R-38     | MFWD 170   | 45,000         | 150        | 8           | 0.077     | 1.62              | 1.17 | 1.31                   | 0.38         | 4.49                   | 2.36       | 2.32 | 9.19  |
| NT Plant-Rigid       | 10R-30    | MFWD 190   | 46,500         | 150        | 8           | 0.078     | 1.64              | 1.32 | 1.37                   | 0.46         | 4.80                   | 2.47       | 2.78 | 10.06 |
| NT Plant-Rigid       | 12R-20    | MFWD 190   | 61,200         | 150        | 8           | 0.098     | 2.05              | 2.72 | 2.25                   | 0.63         | 7.67                   | 3.99       | 3.72 | 15.39 |
| NT Plant-Rigid       | 12R-30    | MFWD 190   | 76,200         | 150        | 8           | 0.065     | 1.37              | 1.81 | 1.87                   | 0.42         | 5.48                   | 3.31       | 2.48 | 11.28 |
| Paratill & Bed       | 4R-30     | MFWD 225   | 18,700         | 150        | 12          | 0.204     | 2.42              | 6.72 | 1.37                   | 1.58         | 12.11                  | 2.20       | 9.33 | 23.65 |
| Paratill & Bed       | 4R-38     | MFWD 225   | 18,700         | 150        | 12          | 0.160     | 1.91              | 5.29 | 1.08                   | 1.24         | 9.53                   | 1.73       | 7.35 | 18.62 |
| Paratill & Bed       | 6R-30     | MFWD 225   | 17,300         | 150        | 12          | 0.136     | 1.61              | 4.48 | 0.85                   | 1.05         | 8.00                   | 1.36       | 6.22 | 15.58 |
| Paratill & Bed       | 6R-38     | MFWD 225   | 25,500         | 150        | 12          | 0.107     | 1.27              | 3.53 | 0.99                   | 0.83         | 6.63                   | 1.58       | 4.91 | 13.13 |
| Paratill & Bed       | 8R-30     | MFWD 225   | 22,600         | 150        | 12          | 0.102     | 1.21              | 3.36 | 0.83                   | 0.79         | 6.19                   | 1.33       | 4.66 | 12.20 |
| Paratill & Bed       | 8R382X1   | MFWD 225   | 69,100         | 150        | 12          | 0.053     | 0.63              | 1.76 | 1.34                   | 0.41         | 4.16                   | 2.14       | 2.45 | 8.76  |
| Paratill & Bed Fold. | 8R-38     | MFWD 225   | 46,900         | 150        | 12          | 0.080     | 0.95              | 2.65 | 1.36                   | 0.62         | 5.60                   | 2.18       | 3.69 | 11.48 |
| Paratill & Bed Fold. | 12R-38    | MFWD 225   | 67,900         | 150        | 12          | 0.053     | 0.63              | 1.76 | 1.31                   | 0.41         | 4.14                   | 2.10       | 2.45 | 8.70  |
| Paratill & Bed Rigid | 8R-38     | MFWD 225   | 39,800         | 150        | 12          | 0.080     | 0.95              | 2.65 | 1.16                   | 0.62         | 5.40                   | 1.85       | 3.69 | 10.94 |
| Pipe Drag            | 30'       | 2WD 150    | 500            | 100        | 12          | 0.051     | 0.61              | 1.13 | 0.00                   | 0.18         | 1.94                   | 0.02       | 1.05 | 3.02  |
| Pipe Spool 160ac     | 1/4m roll | 2WD 130    | 6,500          | 15         | 12          | 0.003     | 0.09              | 0.05 | 0.01                   | 0.01         | 0.17                   | 0.11       | 0.06 | 0.35  |
| Pipe Trailer 1m/160a | 30'       | 2WD 130    | 2,700          | 100        | 15          | 0.003     | 0.18              | 0.07 | 0.00                   | 0.01         | 0.26                   | 0.00       | 0.07 | 0.35  |
| Plant & Pre Folding  | 8R-38     | MFWD 170   | 61,000         | 150        | 8           | 0.080     | 1.68              | 1.99 | 1.83                   | 0.41         | 5.92                   | 3.25       | 2.42 | 11.60 |
| Plant & Pre Folding  | 8R38 2x1  | MFWD 170   | 94,300         | 150        | 8           | 0.053     | 1.11              | 1.32 | 1.88                   | 0.27         | 4.61                   | 3.34       | 1.61 | 9.57  |
| Plant & Pre Folding  | 10R-30    | MFWD 190   | 51,900         | 150        | 8           | 0.081     | 1.70              | 2.25 | 1.58                   | 0.52         | 6.06                   | 2.80       | 3.08 | 11.94 |
| Plant & Pre Folding  | 10R-38    | MFWD 190   | 48,258         | 150        | 8           | 0.064     | 1.34              | 1.77 | 1.15                   | 0.41         | 4.69                   | 2.05       | 2.43 | 9.17  |
| Plant & Pre Folding  | 12R-20    | MFWD 190   | 72,600         | 150        | 8           | 0.101     | 2.12              | 2.82 | 2.76                   | 0.65         | 8.36                   | 4.89       | 3.85 | 17.11 |
| Plant & Pre Folding  | 12R-30    | MFWD 190   | 82,400         | 150        | 8           | 0.067     | 1.41              | 1.88 | 2.09                   | 0.43         | 5.82                   | 3.70       | 2.56 | 12.10 |
| Plant & Pre Folding  | 12R-38    | MFWD 190   | 94,300         | 150        | 8           | 0.053     | 1.11              | 1.48 | 1.88                   | 0.34         | 4.83                   | 3.34       | 2.02 | 10.21 |
| Plant & Pre Folding  | 16R-30    | MFWD 190   | 126,000        | 150        | 8           | 0.050     | 1.06              | 1.41 | 2.39                   | 0.32         | 5.19                   | 4.25       | 1.92 | 11.37 |
| Plant & Pre Folding  | 23R-15    | MFWD 190   | 169,000        | 150        | 8           | 0.070     | 1.47              | 1.95 | 4.46                   | 0.45         | 8.35                   | 7.91       | 2.67 | 18.95 |
| Plant & Pre Folding  | 24R-20    | MFWD 190   | 190,000        | 150        | 8           | 0.050     | 1.06              | 1.41 | 3.61                   | 0.32         | 6.41                   | 6.41       | 1.92 | 14.75 |
| Plant & Pre Folding  | 24R-30    | MFWD 190   | 198,000        | 150        | 8           | 0.033     | 0.70              | 0.94 | 2.51                   | 0.21         | 4.37                   | 4.45       | 1.28 | 10.11 |
| Plant & Pre Rigid    | 4R-30     | 2WD 130    | 31,600         | 150        | 8           | 0.203     | 4.25              | 3.85 | 2.40                   | 0.74         | 11.26                  | 4.26       | 4.17 | 19.70 |
| Plant & Pre Rigid    | 4R-38     | 2WD 130    | 32,600         | 150        | 8           | 0.159     | 3.34              | 3.03 | 1.95                   | 0.58         | 8.92                   | 3.46       | 3.28 | 15.68 |
| Plant & Pre Rigid    | 6R-30     | MFWD 150   | 39,300         | 150        | 8           | 0.135     | 2.83              | 2.96 | 1.99                   | 0.60         | 8.40                   | 3.53       | 3.39 | 15.33 |
| Plant & Pre Rigid    | 6R-38     | MFWD 150   | 38,500         | 150        | 8           | 0.106     | 2.23              | 1.42 | 1.54                   | 0.47         | 5.68                   | 2.78       | 2.72 | 11.19 |
| Plant & Pre Rigid    | 8R-22     | MFWD 170   | 23,550         | 150        | 8           | 0.138     | 2.88              | 2.09 | 1.22                   | 0.69         | 6.88                   | 2.20       | 4.14 | 13.23 |
| Plant & Pre Rigid    | 8R-30     | MFWD 170   | 47,800         | 150        | 8           | 0.101     | 2.12              | 1.53 | 1.82                   | 0.50         | 5.98                   | 3.28       | 3.04 | 12.31 |
| Plant & Pre Rigid    | 8R-38     | MFWD 170   | 45,700         | 150        | 8           | 0.080     | 1.67              | 1.21 | 1.37                   | 0.40         | 4.66                   | 2.48       | 2.40 | 9.56  |
| Plant & Pre Rigid    | 10R-30    | MFWD 190   | 46,000         | 150        | 8           | 0.081     | 1.69              | 1.37 | 1.40                   | 0.47         | 4.95                   | 2.53       | 2.87 | 10.36 |
| Plant & Pre Rigid    | 12R-20    | MFWD 190   | 55,700         | 150        | 8           | 0.101     | 2.12              | 1.71 | 2.12                   | 0.59         | 6.55                   | 3.83       | 3.59 | 13.98 |
| Plant & Pre Rigid    | 12R-30    | MFWD 190   | 72,700         | 150        | 8           | 0.067     | 1.41              | 1.14 | 1.84                   | 0.39         | 4.80                   | 3.33       | 2.39 | 10.53 |
| Plant - Folding      | 8R-38     | MFWD 170   | 53,200         | 150        | 8           | 0.074     | 1.55              | 1.12 | 1.48                   | 0.37         | 4.54                   | 2.68       | 2.23 | 9.46  |
| Plant - Folding      | 8R-38 2x1 | MFWD 170   | 83,400         | 150        | 8           | 0.049     | 1.03              | 0.75 | 1.55                   | 0.24         | 3.58                   | 2.80       | 1.48 | 7.88  |
| Plant - Folding      | 10R-30    | MFWD 190   | 47,426         | 150        | 8           | 0.075     | 1.57              | 1.27 | 1.34                   | 0.44         | 4.63                   | 2.42       | 2.67 | 9.73  |
| Plant - Folding      | 10R-38    | MFWD 190   | 43,011         | 150        | 8           | 0.059     | 1.24              | 1.00 | 0.95                   | 0.35         | 3.55                   | 1.73       | 2.10 | 7.40  |
| Plant - Folding      | 12R-20    | MFWD 190   | 65,200         | 150        | 8           | 0.094     | 1.96              | 1.59 | 2.30                   | 0.55         | 6.42                   | 4.16       | 3.33 | 13.93 |
| Plant - Folding      | 12R-30    | MFWD 190   | 71,700         | 150        | 8           | 0.062     | 1.31              | 1.06 | 1.69                   | 0.37         | 4.43                   | 3.05       | 2.22 | 9.71  |
| Plant - Folding      | 12R-38    | MFWD 190   | 83,400         | 150        | 8           | 0.049     | 1.03              | 0.83 | 1.55                   | 0.29         | 3.72                   | 2.80       | 1.75 | 8.28  |
| Plant - Folding      | 16R-30    | MFWD 190   | 114,000        | 150        | 8           | 0.047     | 0.98              | 0.79 | 2.01                   | 0.27         | 4.07                   | 3.64       | 1.66 | 9.38  |
| Plant - Folding      | 23R-15    | MFWD 190   | 157,000        | 150        | 8           | 0.065     | 1.36              | 1.10 | 3.85                   | 0.38         | 6.71                   | 6.96       | 2.31 | 16.00 |
| Plant - Folding      | 24R-20    | MFWD 190   | 177,000        | 150        | 8           | 0.047     | 0.98              | 0.79 | 3.12                   | 0.27         | 5.18                   | 5.65       | 1.66 | 12.51 |
| Plant - Folding      | 24R-30    | MFWD 190   | 184,000        | 150        | 8           | 0.031     | 0.65              | 0.53 | 2.16                   | 0.18         | 3.54                   | 3.91       | 1.11 | 8.57  |
| Plant - Rigid        | 4R-30     | 2WD 130    | 24,200         | 150        | 8           | 0.188     | 3.93              | 2.18 | 1.71                   | 0.66         | 8.49                   | 3.09       | 3.80 | 15.39 |
| Plant - Rigid        | 4R-38     | 2WD 130    | 25,300         | 150        | 8           | 0.148     | 3.10              | 1.71 | 1.40                   | 0.52         | 6.75                   | 2.54       | 2.99 | 12.29 |
| Plant - Rigid        | 6R-30     | MFWD 150   | 32,000         | 150        | 8           | 0.125     | 2.62              | 1.67 | 1.50                   | 0.56         | 6.37                   | 2.72       | 3.20 | 12.30 |
| lant - Rigid         | 6R-38     | MFWD 150   | 31,200         | 150        | 8           | 0.099     | 2.07              | 2.17 | 1.16                   | 0.44         | 5.85                   | 2.05       | 2.48 | 10.40 |
| Plant - Rigid        | 8R-22     | MFWD 170   | 18,473         | 150        | 8           | 0.127     | 2.67              | 3.17 | 0.88                   | 0.65         | 7.39                   | 1.57       | 3.86 | 12.83 |
| Plant - Rigid        | 8R-30     | MFWD 170   | 40,900         | 150        | 8           | 0.094     | 1.97              | 2.34 | 1.44                   | 0.48         | 6.24                   | 2.56       | 2.84 | 11.65 |
| Plant - Rigid        | 8R-38     | MFWD 170   | 38,600         | 150        | 8           | 0.074     | 1.56              | 1.85 | 1.07                   | 0.38         | 4.87                   | 1.91       | 2.25 | 9.03  |
| Plant - Rigid        | 10R-30    | MFWD 190   | 40,700         | 150        | 8           | 0.075     | 1.57              | 2.09 | 1.15                   | 0.48         | 5.31                   | 2.04       | 2.86 | 10.21 |
| Plant - Rigid        | 12R-20    | MFWD 190   | 49,000         | 150        | 8           | 0.094     | 1.97              | 2.61 | 1.73                   | 0.60         | 6.93                   | 3.07       | 3.57 | 13.58 |
| Plant - Rigid        | 12R-30    | MFWD 190   | 64,000         | 150        | 8           | 0.062     | 1.31              | 1.74 | 1.50                   | 0.40         | 4.97                   | 2.67       | 2.38 | 10.03 |
| Plant - Rigid        | 15R-15    | 2WD 150    | 61,700         | 150        | 8           | 0.094     | 1.97              | 2.06 | 2.18                   | 0.34         | 6.56                   | 3.86       | 1.91 | 12.34 |
| Pull Levee (1m/80a)) | 4 blade   | 2WD 50     | 3,180          | 100        | 10          | 0.003     | 0.04              | 0.02 | 0.00                   | 0.00         | 0.07                   | 0.01       | 0.01 | 0.10  |
| Rice Grain Cart      | 500 Bu    | MFWD 190   | 29,100         | 200        | 12          | 0.057     | 0.67              | 1.58 | 0.45                   | 0.36         | 3.08                   | 0.71       | 2.16 | 5.96  |
| Rice Grain Cart      | 700 Bu    | MFWD 190   | 44,900         | 200        | 12          | 0.063     | 0.75              | 1.76 | 0.77                   | 0.40         | 3.69                   | 1.23       | 2.40 | 7.33  |
| Roller               | 32'       | MFWD 170   | 22,800         | 100        | 12          | 0.046     | 0.55              | 1.15 | 0.17                   | 0.23         | 2.13                   | 0.92       | 1.40 | 4.46  |
| Rotary Cutter        | 7'        | MFWD 130   | 4,500          | 185        | 10          | 0.168     | 2.00              | 3.19 | 0.61                   | 0.68         | 6.50                   | 0.40       | 3.86 | 10.77 |

Appendix Table 8. Implements: estimated purchase price, annual use, useful life, performance rate,  
(Continued) and direct and fixed cost per acre, Louisiana 2022.

| Item Name            | Size      | Power Unit | Purchase Price | Annual Use | Useful Life | Perf Rate | Labor             | Fuel  | ---R&M---<br>Imp. P.U. | Total Direct | --Fixed--<br>Imp. P.U. | Total Cost |
|----------------------|-----------|------------|----------------|------------|-------------|-----------|-------------------|-------|------------------------|--------------|------------------------|------------|
|                      |           |            | dollars        | hours      | years       | hr/ac     | -----\$/acre----- |       |                        |              |                        |            |
| Row Cond & Inc       | 13'       | 2WD 130    | 16,000         | 100        | 10          | 0.137     | 2.26              | 2.62  | 0.55 0.50              | 5.94         | 2.16 2.83              | 10.95      |
| Row Cond & Inc       | 21'       | 2WD 170    | 21,600         | 100        | 10          | 0.085     | 1.40              | 2.12  | 0.46 0.42              | 4.41         | 1.81 2.51              | 8.74       |
| Row Cond & Inc       | 26'       | MFWD 190   | 28,500         | 100        | 10          | 0.063     | 1.04              | 1.76  | 0.45 0.40              | 3.66         | 1.77 2.40              | 7.84       |
| Row Cond & Inc       | 38'       | MFWD 225   | 38,000         | 100        | 10          | 0.047     | 0.77              | 1.55  | 0.44 0.36              | 3.14         | 1.76 2.15              | 7.06       |
| Row Cond & Inc       | 42'       | MFWD 225   | 20,400         | 100        | 10          | 0.040     | 0.65              | 1.32  | 0.20 0.31              | 2.49         | 0.80 1.83              | 5.14       |
| Row Cond (Harrow)    | 13'       | 2WD 130    | 7,300          | 100        | 10          | 0.114     | 1.36              | 2.18  | 0.20 0.42              | 4.17         | 0.82 2.36              | 7.36       |
| Row Cond (Harrow)    | 21'       | 2WD 170    | 12,000         | 100        | 10          | 0.071     | 0.84              | 1.76  | 0.21 0.35              | 3.18         | 0.83 2.09              | 6.11       |
| Row Cond (Harrow)    | 27'       | MFWD 190   | 12,400         | 100        | 10          | 0.057     | 0.68              | 1.59  | 0.17 0.36              | 2.82         | 0.70 2.17              | 5.70       |
| Row Cond (Harrow)    | 38'       | MFWD 225   | 22,200         | 100        | 10          | 0.039     | 0.46              | 1.29  | 0.21 0.30              | 2.28         | 0.85 1.79              | 4.93       |
| Row Cond (Harrow)    | 42'       | MFWD 225   | 15,582         | 100        | 10          | 0.035     | 0.42              | 1.16  | 0.13 0.27              | 2.00         | 0.54 1.62              | 4.17       |
| Row Cond (Plant)     | 13'       | 2WD 130    | 7,120          | 100        | 10          | 0.157     | 1.86              | 2.98  | 0.27 0.57              | 5.71         | 1.10 3.23              | 10.04      |
| Row Cond (Plant)     | 21'       | 2WD 170    | 11,700         | 100        | 10          | 0.097     | 1.15              | 2.41  | 0.28 0.48              | 4.34         | 1.11 2.86              | 8.33       |
| Row Cond (Plant)     | 27'       | MFWD 190   | 12,400         | 100        | 10          | 0.078     | 0.93              | 2.18  | 0.24 0.50              | 3.86         | 0.95 2.98              | 7.80       |
| Row Cond (Plant)     | 38'       | MFWD 225   | 16,587         | 100        | 10          | 0.053     | 0.63              | 1.76  | 0.22 0.41              | 3.04         | 0.87 2.45              | 6.38       |
| Row Cond (Plant)     | 42'       | MFWD 225   | 15,582         | 100        | 10          | 0.048     | 0.57              | 1.60  | 0.18 0.37              | 2.74         | 0.74 2.22              | 5.71       |
| RT Cult (Early)      | 8R-30     | 2WD 170    | 20,774         | 200        | 12          | 0.103     | 1.22              | 2.56  | 1.02 0.51              | 5.33         | 0.96 3.04              | 9.33       |
| RT Cult (Early)      | 12R-30    | 2WD 190    | 29,998         | 200        | 12          | 0.068     | 0.81              | 1.90  | 0.98 0.30              | 4.02         | 0.92 1.81              | 6.76       |
| RT Cult (Late)       | 8R-30     | 2WD 170    | 20,774         | 200        | 12          | 0.128     | 1.53              | 3.20  | 1.28 0.64              | 6.66         | 1.20 3.80              | 11.66      |
| RT Cult (Late)       | 12R-30    | 2WD 190    | 29,998         | 200        | 12          | 0.085     | 1.02              | 2.38  | 1.23 0.38              | 5.02         | 1.15 2.26              | 8.45       |
| RT Cult + PD (Early) | 8R-30     | 2WD 150    | 26,264         | 200        | 12          | 0.110     | 1.80              | 2.41  | 1.38 0.39              | 6.00         | 1.29 2.23              | 9.53       |
| RT Cult + PD (Early) | 12R-30    | MFWD 225   | 35,493         | 200        | 12          | 0.073     | 1.20              | 2.41  | 1.24 0.56              | 5.43         | 1.17 3.35              | 9.95       |
| RT Cult + PD (Late)  | 8R-30     | 2WD 170    | 26,264         | 200        | 12          | 0.137     | 2.25              | 3.41  | 1.73 0.68              | 8.09         | 1.62 4.05              | 13.76      |
| RT Cult + PD (Late)  | 12R-30    | 2WD 190    | 35,493         | 200        | 12          | 0.091     | 1.50              | 2.54  | 1.55 0.40              | 6.01         | 1.46 2.41              | 9.89       |
| SC 3Row (Cover)      | 18 ft     | MFWD 150   | 10,750         | 200        | 9           | 0.120     | 1.43              | 2.64  | 1.43 0.53              | 6.05         | 0.38 3.01              | 9.45       |
| SC 3Row (Hipper)     | 18 ft     | MFWD 150   | 10,500         | 200        | 9           | 0.120     | 1.42              | 2.63  | 0.68 0.53              | 5.28         | 0.78 3.00              | 9.07       |
| SC 3Row (Marker)     | 18 ft     | MFWD 150   | 8,800          | 200        | 9           | 0.120     | 1.42              | 2.63  | 0.58 0.53              | 5.18         | 0.66 3.00              | 8.84       |
| SC 3Row (Offbar)     | 18 ft     | MFWD 150   | 11,500         | 200        | 10          | 0.120     | 1.42              | 2.63  | 0.69 0.53              | 5.28         | 0.79 3.00              | 9.08       |
| SC 3Row (Opener)     | 18 ft     | MFWD 150   | 7,800          | 200        | 10          | 0.120     | 1.42              | 2.63  | 0.46 0.53              | 5.06         | 0.53 3.00              | 8.60       |
| SC 3Row Plow         | 18 ft     | MFWD 190   | 17,000         | 200        | 9           | 0.120     | 1.42              | 3.33  | 1.11 0.77              | 6.64         | 1.27 4.55              | 12.47      |
| SC Blade             | 8 ft      | MFWD 150   | 3,500          | 100        | 12          | 0.877     | 10.42             | 19.23 | 2.55 3.91              | 36.13        | 1.92 21.97             | 60.03      |
| SC Boom Sprayer      | 16 ft     | MFWD 150   | 2,900          | 150        | 10          | 0.120     | 1.42              | 2.63  | 0.25 0.53              | 4.85         | 0.26 3.00              | 8.12       |
| SC Burning Unit      | 18 ft     | 2WD 105    | 1,300          | 85         | 6           | 0.149     | 1.78              | 2.30  | 0.24 0.34              | 4.68         | 0.40 1.96              | 7.04       |
| SC Cane Planters Aid | 6 ft      | MFWD 150   | 4,500          | 20         | 20          | 1.000     | 11.88             | 21.92 | 8.43 4.46              | 46.71        | 15.80 25.05            | 87.56      |
| SC Cane Plt-1R Bille | 1 row     | MFWD 150   | 22,000         | 150        | 20          | 0.670     | 7.95              | 14.69 | 3.68 2.99              | 29.32        | 6.90 16.78             | 53.01      |
| SC Cane Plt-3R Bille | 3 row     | 2WD 50     | 34,000         | 50         | 20          | 0.200     | 2.37              | 1.46  | 5.10 0.19              | 9.13         | 9.55 1.08              | 19.76      |
| SC Cane Plt-Whlstalk | 6 ft      | MFWD 150   | 22,000         | 150        | 20          | 0.670     | 7.95              | 14.69 | 3.68 2.99              | 29.32        | 6.90 16.78             | 53.01      |
| SC Cane Wagon 10T    | 10 Ton    | MFWD 150   | 7,500          | 400        | 15          | 0.500     | 6.53              | 12.06 | 0.62 2.45              | 21.67        | 0.79 12.52             | 34.99      |
| SC Cane Wgn Billt HD | 10Ton     | MFWD 150   | 40,000         | 750        | 9           | 0.600     | 7.84              | 14.47 | 5.33 2.94              | 30.59        | 3.85 15.03             | 49.47      |
| SC Chisel Plow       | 13 ft     | MFWD 190   | 6,000          | 200        | 6           | 0.219     | 2.61              | 6.10  | 0.96 1.41              | 11.09        | 1.15 8.34              | 20.59      |
| SC Chisel Plow       | 23 ft     | MFWD 190   | 12,000         | 200        | 6           | 0.120     | 1.42              | 3.33  | 0.49 0.77              | 6.02         | 1.26 4.55              | 11.84      |
| SC Cultimulcher      | 12 ft     | 2WD 105    | 5,500          | 120        | 15          | 0.110     | 1.30              | 1.68  | 0.29 0.25              | 3.54         | 0.42 1.43              | 5.41       |
| SC Cultivate + Post  | 6 Row     | 2WD 170    | 8,200          | 200        | 10          | 0.110     | 1.30              | 2.73  | 0.39 0.55              | 4.98         | 0.51 3.24              | 8.74       |
| SC Cultivator        | 30" 6 Row | 2WD 150    | 5,350          | 200        | 10          | 0.140     | 1.66              | 3.07  | 0.32 0.50              | 5.57         | 0.43 2.84              | 8.85       |
| SC Disk              | 12 ft     | 2WD 50     | 8,500          | 200        | 10          | 0.149     | 1.78              | 1.09  | 0.56 0.14              | 3.58         | 0.73 0.81              | 5.12       |
| SC Disk              | 20 ft     | MFWD 190   | 17,500         | 200        | 10          | 0.100     | 1.18              | 2.77  | 0.77 0.64              | 5.37         | 1.00 3.79              | 10.18      |
| SC Disk              | 26 ft     | 2WD 170    | 21,000         | 200        | 10          | 0.069     | 0.83              | 1.73  | 0.64 0.34              | 3.56         | 0.84 2.06              | 6.47       |
| SC Disk + Pre        | 6 row     | 2WD 170    | 9,250          | 200        | 10          | 0.100     | 1.18              | 2.48  | 0.40 0.50              | 4.58         | 0.53 2.94              | 8.05       |
| SC Double Hitch      | DBLHTCH   | 2WD 50     | 0              | 1000       | 10          | 0.000     | 0.00              | 0.00  | 0.00 0.00              | 0.00         | 0.00 0.00              | 0.00       |
| SC Drain Cleaner     | 6 ft      | MFWD 75    | 3,750          | 300        | 9           | 0.080     | 0.95              | 0.87  | 0.13 0.10              | 2.07         | 0.12 0.61              | 2.80       |
| SC Fert 3Row Lq App  | 18 ft     | MFWD 150   | 7,000          | 200        | 10          | 0.130     | 1.54              | 2.85  | 0.36 0.58              | 5.34         | 0.52 3.25              | 9.12       |
| SC Fert DrySlingApp  | 42 ft     | MFWD 150   | 6,500          | 150        | 10          | 0.059     | 0.71              | 1.31  | 0.22 0.26              | 2.52         | 0.29 1.50              | 4.32       |
| SC Flat Roller       | 18 ft     | MFWD 150   | 1,400          | 75         | 9           | 0.190     | 2.25              | 4.16  | 0.47 0.84              | 7.75         | 0.44 4.76              | 12.95      |
| SC Hauling Hitch     | 6 ft      | 4WD 225    | 1,000          | 500        | 15          | 1.000     | 11.88             | 32.89 | 0.13 4.59              | 49.50        | 0.16 27.09             | 76.76      |
| SC Land Plane        | 15 ft     | MFWD 150   | 10,000         | 200        | 15          | 0.300     | 3.56              | 6.58  | 0.66 1.34              | 12.15        | 1.27 7.52              | 20.95      |
| SC Rotary Ditcher    | 6 ft      | MFWD 150   | 12,500         | 100        | 10          | 0.250     | 2.97              | 5.48  | 3.12 1.11              | 12.69        | 3.59 6.26              | 22.54      |
| SC Rotary Hoe        | 18 ft     | 2WD 130    | 4,500          | 75         | 12          | 0.080     | 0.95              | 1.52  | 0.41 0.29              | 3.17         | 0.47 1.64              | 5.29       |
| SC Rotary Mower      | 13.1 ft   | MFWD 75    | 7,000          | 150        | 10          | 0.250     | 2.97              | 2.74  | 0.51 0.34              | 6.56         | 1.34 1.91              | 9.82       |
| SC Rototiller        | 18 ft     | MFWD 190   | 20,000         | 150        | 10          | 0.219     | 2.61              | 6.10  | 3.51 1.41              | 13.64        | 3.36 8.34              | 25.35      |
| SC Tractor Blade     | 6 ft      | 2WD 105    | 3,500          | 100        | 15          | 1.000     | 11.88             | 15.34 | 0.86 2.33              | 30.42        | 2.97 13.08             | 46.48      |
| SC Tractor Spreader  | 20 ft     | 2WD 105    | 700            | 150        | 10          | 0.110     | 1.30              | 1.68  | 0.04 0.25              | 3.29         | 0.05 1.43              | 4.79       |
| SC Trailer Utility   | 10 ft     | 2WD 130    | 2,000          | 200        | 15          | 1.000     | 11.88             | 19.00 | 0.23 3.66              | 34.78        | 0.84 20.56             | 56.20      |
| SCMechanical Planter | 6 ft      | MFWD 150   | 15,500         | 160        | 10          | 1.000     | 11.88             | 21.92 | 7.26 4.46              | 45.54        | 11.13 25.05            | 81.73      |
| Spin Spreader        | 5 ton     | MFWD 190   | 14,500         | 100        | 8           | 0.042     | 0.88              | 1.16  | 0.34 0.27              | 2.66         | 0.64 1.59              | 4.90       |
| Spin Spreader        | 5 ton     | MFWD 190   | 14,500         | 100        | 8           | 0.042     | 0.88              | 1.16  | 0.34 0.27              | 2.66         | 0.64 1.59              | 4.90       |
| Spray (Band)         | 27'       | MFWD 170   | 7,400          | 200        | 8           | 0.062     | 1.02              | 1.55  | 0.21 0.32              | 3.12         | 0.24 1.89              | 5.26       |
| Spray (Band)         | 40'       | MFWD 170   | 10,200         | 200        | 8           | 0.042     | 0.69              | 1.05  | 0.20 0.21              | 2.16         | 0.22 1.27              | 3.67       |
| Spray (Band)         | 50'       | MFWD 170   | 10,100         | 200        | 8           | 0.033     | 0.55              | 0.84  | 0.16 0.17              | 1.73         | 0.17 1.02              | 2.93       |
| Spray (Band)         | 53'       | MFWD 170   | 9,940          | 200        | 8           | 0.031     | 0.52              | 0.79  | 0.14 0.16              | 1.62         | 0.16 0.96              | 2.76       |
| Spray (Band)         | 60'       | MFWD 170   | 13,200         | 200        | 8           | 0.028     | 0.46              | 0.70  | 0.17 0.14              | 1.48         | 0.19 0.85              | 2.53       |
| Spray (Bcast/HB)     | 13' Rigid | MFWD 150   | 8,500          | 200        | 8           | 0.130     | 2.13              | 2.85  | 0.51 0.58              | 6.09         | 0.58 3.26              | 9.93       |
| Spray (Bcast/HB)     | 20' Rigid | 2WD 50     | 9,960          | 200        | 8           | 0.084     | 1.38              | 0.61  | 0.39 0.08              | 2.48         | 0.44 0.45              | 3.38       |
| Spray (Bcast/HB)     | 27' Fold  | MFWD 170   | 16,200         | 200        | 8           | 0.062     | 1.02              | 1.55  | 0.47 0.32              | 3.38         | 0.53 1.89              | 5.81       |

Appendix Table 8. Implements: estimated purchase price, annual use, useful life, performance rate,  
(Continued) and direct and fixed cost per acre, Louisiana 2022.

| 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----- |      |           |      |              |           |      |            |
| Spray (Bcast/HB)     | 27' Rigid | MFWD 170   | 11,700         | 200        | 8           | 0.062     | 1.02              | 1.55 | 0.34      | 0.32 | 3.25         | 0.38      | 1.89 | 5.53       |
| Spray (Bcast/HB)     | 30' Fold  | MFWD 170   | 18,900         | 200        | 8           | 0.056     | 0.92              | 1.40 | 0.49      | 0.28 | 3.11         | 0.56      | 1.70 | 5.38       |
| Spray (Bcast/HB)     | 40' Fold  | MFWD 170   | 19,900         | 200        | 8           | 0.042     | 0.69              | 1.05 | 0.39      | 0.21 | 2.35         | 0.44      | 1.27 | 4.07       |
| Spray (Bcast/HB/HD)  | 27'       | MFWD 170   | 22,400         | 200        | 8           | 0.062     | 1.02              | 1.55 | 0.65      | 0.32 | 3.56         | 0.73      | 1.89 | 6.19       |
| Spray (Bcast/HB/HD)  | 40'       | MFWD 170   | 32,200         | 200        | 8           | 0.042     | 0.69              | 1.05 | 0.63      | 0.21 | 2.60         | 0.71      | 1.27 | 4.59       |
| Spray (Broadcast)    | 27'       | MFWD 170   | 7,400          | 200        | 8           | 0.062     | 1.02              | 1.55 | 0.21      | 0.32 | 3.12         | 0.24      | 1.89 | 5.26       |
| Spray (Broadcast)    | 40'       | MFWD 170   | 10,200         | 200        | 8           | 0.042     | 0.69              | 1.05 | 0.20      | 0.21 | 2.16         | 0.22      | 1.27 | 3.67       |
| Spray (Broadcast)    | 50'       | MFWD 170   | 10,100         | 200        | 8           | 0.033     | 0.55              | 0.84 | 0.16      | 0.17 | 1.73         | 0.17      | 1.02 | 2.93       |
| Spray (Broadcast)    | 53'       | MFWD 170   | 9,940          | 200        | 8           | 0.031     | 0.52              | 0.79 | 0.14      | 0.16 | 1.62         | 0.16      | 0.96 | 2.76       |
| Spray (Broadcast)    | 60'       | MFWD 170   | 14,700         | 200        | 8           | 0.028     | 0.46              | 0.70 | 0.19      | 0.14 | 1.50         | 0.21      | 0.85 | 2.57       |
| Spray (Direct/Hood)  | 8R-30     | MFWD 170   | 17,800         | 200        | 8           | 0.084     | 1.38              | 2.10 | 0.70      | 0.43 | 4.63         | 0.79      | 2.55 | 7.97       |
| Spray (Direct/Hood)  | 8R-38     | MFWD 170   | 18,700         | 200        | 8           | 0.066     | 1.09              | 1.66 | 0.58      | 0.34 | 3.68         | 0.65      | 2.02 | 6.36       |
| Spray (Direct/Hood)  | 12R-30    | MFWD 170   | 24,900         | 200        | 8           | 0.056     | 0.92              | 1.40 | 0.65      | 0.28 | 3.27         | 0.73      | 1.70 | 5.71       |
| Spray (Direct/Hood)  | 12R-38    | MFWD 170   | 26,100         | 200        | 8           | 0.044     | 0.73              | 1.10 | 0.54      | 0.22 | 2.61         | 0.61      | 1.34 | 4.56       |
| Spray (Direct/Layby) | 8R-30     | MFWD 170   | 15,500         | 200        | 8           | 0.084     | 1.38              | 2.10 | 0.61      | 0.43 | 4.53         | 0.68      | 2.55 | 7.78       |
| Spray (Direct/Layby) | 8R-38     | MFWD 170   | 15,500         | 200        | 8           | 0.066     | 1.09              | 1.66 | 0.48      | 0.34 | 3.58         | 0.54      | 2.02 | 6.15       |
| Spray (Direct/Layby) | 8R-38 2x1 | MFWD 170   | 22,900         | 200        | 8           | 0.044     | 0.73              | 1.10 | 0.47      | 0.22 | 2.54         | 0.53      | 1.34 | 4.42       |
| Spray (Direct/Layby) | 10R-30    | MFWD 170   | 12,200         | 200        | 8           | 0.067     | 1.11              | 1.68 | 0.38      | 0.34 | 3.52         | 0.43      | 2.04 | 6.00       |
| Spray (Direct/Layby) | 12R-30    | MFWD 170   | 22,900         | 200        | 8           | 0.056     | 0.92              | 1.40 | 0.60      | 0.28 | 3.22         | 0.67      | 1.70 | 5.60       |
| Spray (Direct/Layby) | 12R-38    | MFWD 170   | 22,900         | 200        | 8           | 0.044     | 0.73              | 1.10 | 0.47      | 0.22 | 2.54         | 0.53      | 1.34 | 4.42       |
| Spray (Direct/Layby) | 16R-20    | MFWD 170   | 26,700         | 200        | 8           | 0.063     | 1.04              | 1.57 | 0.79      | 0.32 | 3.73         | 0.88      | 1.91 | 6.53       |
| Spray (Spot)         | 27'       | MFWD 170   | 7,400          | 200        | 8           | 0.062     | 1.02              | 1.55 | 0.21      | 0.32 | 3.12         | 0.24      | 1.89 | 5.26       |
| Spray (Spot)         | 40'       | MFWD 170   | 10,200         | 200        | 8           | 0.042     | 0.69              | 1.05 | 0.20      | 0.21 | 2.16         | 0.22      | 1.27 | 3.67       |
| Spray (Spot)         | 50'       | MFWD 170   | 10,100         | 200        | 8           | 0.033     | 0.55              | 0.84 | 0.16      | 0.17 | 1.73         | 0.17      | 1.02 | 2.93       |
| Spray (Spot)         | 53'       | MFWD 170   | 9,940          | 200        | 8           | 0.031     | 0.52              | 0.79 | 0.14      | 0.16 | 1.62         | 0.16      | 0.96 | 2.76       |
| Spray (Spot)         | 60'       | MFWD 170   | 15,600         | 200        | 8           | 0.028     | 0.46              | 0.70 | 0.20      | 0.14 | 1.51         | 0.23      | 0.85 | 2.59       |
| Stalk Shredder       | 14'       | MFWD 150   | 14,900         | 200        | 10          | 0.117     | 1.40              | 2.58 | 1.53      | 0.52 | 6.04         | 0.86      | 2.95 | 9.86       |
| Stalk Shredder       | 20'       | MFWD 150   | 33,100         | 200        | 10          | 0.082     | 0.98              | 1.80 | 2.38      | 0.36 | 5.54         | 1.34      | 2.06 | 8.95       |
| Stalk Shredder-Flail | 12'       | MFWD 150   | 25,900         | 200        | 10          | 0.137     | 1.63              | 3.01 | 3.11      | 0.61 | 8.37         | 1.75      | 3.44 | 13.57      |
| Stalk Shredder-Flail | 20'       | MFWD 150   | 33,100         | 200        | 10          | 0.082     | 0.98              | 1.80 | 2.38      | 0.36 | 5.54         | 1.34      | 2.06 | 8.95       |
| Subsoiler            | 3 shank   | MFWD 190   | 6,500          | 100        | 15          | 0.204     | 2.42              | 5.67 | 0.44      | 1.31 | 9.86         | 0.99      | 7.75 | 18.61      |
| Subsoiler            | 4 shank   | MFWD 225   | 11,430         | 100        | 15          | 0.153     | 1.82              | 5.05 | 0.58      | 1.19 | 8.65         | 1.31      | 7.01 | 16.98      |
| Subsoiler            | 5 shank   | MFWD 225   | 14,650         | 100        | 15          | 0.122     | 1.45              | 4.02 | 0.59      | 0.94 | 7.02         | 1.34      | 5.59 | 13.95      |
| Subsoiler low-till   | 4 shank   | MFWD 225   | 10,800         | 100        | 15          | 0.153     | 1.82              | 5.05 | 0.55      | 1.19 | 8.62         | 1.24      | 7.01 | 16.88      |
| Subsoiler low-till   | 6 shank   | MFWD 225   | 20,000         | 100        | 15          | 0.102     | 1.21              | 3.36 | 0.68      | 0.79 | 6.04         | 1.53      | 4.66 | 12.24      |
| Subsoiler low-till   | 8 shank   | MFWD 225   | 21,400         | 100        | 15          | 0.076     | 0.90              | 2.51 | 0.54      | 0.59 | 4.56         | 1.22      | 3.49 | 9.28       |
| TerraTill Bed w/roll | 4R-38     | MFWD 225   | 14,300         | 150        | 12          | 0.160     | 1.91              | 5.29 | 0.83      | 1.24 | 9.28         | 1.32      | 7.35 | 17.96      |
| TerraTill Bed w/roll | 6R-38     | MFWD 225   | 19,400         | 150        | 12          | 0.107     | 1.27              | 3.53 | 0.75      | 0.83 | 6.40         | 1.20      | 4.91 | 12.51      |
| TerraTill Bed w/roll | 4R-30     | MFWD 225   | 14,300         | 150        | 12          | 0.204     | 2.42              | 6.72 | 1.05      | 1.58 | 11.78        | 1.68      | 9.33 | 22.80      |
| TerraTill Bed w/roll | 6R-30     | MFWD 225   | 15,310         | 150        | 12          | 0.136     | 1.61              | 4.48 | 0.75      | 1.05 | 7.90         | 1.20      | 6.22 | 15.33      |