

# **Projected Costs and Returns Crop Enterprise Budgets for Cotton Production in Louisiana, 2024**

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**Farm Management Research & Extension  
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# PROJECTED COSTS AND RETURNS CROP ENTERPRISE BUDGETS FOR COTTON PRODUCTION IN LOUISIANA, 2024

by

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## Introduction

This publication presents estimates of projected costs and returns for cotton production in Louisiana for the 2024 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 2024 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. In addition, breakeven prices to cover

direct production costs and total specified production costs are presented in tables C and D.

## 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 2024 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 \$14.53 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 \$17.94 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 8.25% per year. Operating capital was assumed to be borrowed in a manner consistent with timely acquisition of inputs. Fuel price for diesel was \$3.50 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 8.50%. 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.

## **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  
Cotton, B2/RRFlex,8-row equipment, non-irrigated, alluvial soil, Louisiana, 2024.

| ITEM                     | UNIT   | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--------------------------|--------|---------|----------|---------|-----------|
|                          |        | dollars |          | dollars |           |
| DIRECT EXPENSES          |        |         |          |         |           |
| CUSTOM SPRAY             |        |         |          |         |           |
| App by Air ( 3 gal)      | appl   | 6.87    | 5.0000   | 34.35   | _____     |
| App by Air ( 5 gal)      | appl   | 8.11    | 1.0000   | 8.11    | _____     |
| HARVEST AIDS             |        |         |          |         |           |
| Dropp SC                 | oz     | 1.56    | 1.2000   | 1.87    | _____     |
| Prep                     | pt     | 3.84    | 1.3300   | 5.11    | _____     |
| Def/Folex                | pt     | 11.25   | 0.7500   | 8.44    | _____     |
| FERTILIZERS              |        |         |          |         |           |
| LA Phosphate             | lb     | 0.75    | 60.0000  | 45.00   | _____     |
| LA Potash                | lb     | 0.43    | 60.0000  | 25.80   | _____     |
| LA Nitrogen              | lb     | 0.59    | 90.0000  | 53.10   | _____     |
| HERBICIDES               |        |         |          |         |           |
| Roundup WeatherMax       | oz     | 0.19    | 88.0000  | 16.72   | _____     |
| 2,4-D Amine 4            | pt     | 2.88    | 1.0000   | 2.88    | _____     |
| Valor WP                 | oz     | 3.20    | 1.5000   | 4.80    | _____     |
| Cotoran 4L               | pt     | 5.24    | 1.2000   | 6.29    | _____     |
| Dual II Magnum           | pt     | 13.25   | 1.0000   | 13.25   | _____     |
| Layby Pro                | qt     | 3.87    | 1.0000   | 3.87    | _____     |
| INSECTICIDES             |        |         |          |         |           |
| Ammo 2.5 EC              | oz     | 0.85    | 1.2800   | 1.09    | _____     |
| Dimethoate 4E            | pt     | 13.50   | 0.4000   | 5.40    | _____     |
| Centric 40WG             | oz     | 5.95    | 4.0000   | 23.80   | _____     |
| Karate Z                 | oz     | 1.41    | 6.3900   | 9.01    | _____     |
| Orthene 90S              | lb     | 7.00    | 1.1500   | 8.05    | _____     |
| Diamond .83EC            | pt     | 20.16   | 0.7500   | 15.12   | _____     |
| Bidrin 8L                | oz     | 1.51    | 12.0000  | 18.12   | _____     |
| SEED/PLANTS              |        |         |          |         |           |
| Cotton Seed BGII/RRF     | thous  | 2.70    | 40.0000  | 108.00  | _____     |
| TECHNOLOGY FEE           |        |         |          |         |           |
| BGII/RRF Cot Tech Fe     | cap/ac | 62.69   | 1.0000   | 62.69   | _____     |
| Eradication Fee          | acre   | 6.00    | 1.0000   | 6.00    | _____     |
| GROWTH REGULATORS        |        |         |          |         |           |
| Pix Plus                 | oz     | 1.36    | 16.0000  | 21.76   | _____     |
| SERVICE FEE              |        |         |          |         |           |
| Crop Consultant          | acre   | 9.00    | 1.0000   | 9.00    | _____     |
| Digital Ag Fee           | acre   | 10.00   | 1.0000   | 10.00   | _____     |
| Soil Test                | acre   | 10.00   | 0.3300   | 3.30    | _____     |
| Cotton Checkoff          | bale   | 2.56    | 1.9800   | 5.07    | _____     |
| CUSTOM FERT/LIME         |        |         |          |         |           |
| Lime (Spread)            | ton    | 65.00   | 0.3300   | 21.45   | _____     |
| OPERATOR LABOR           |        |         |          |         |           |
| Self-Propelled           | hour   | 17.94   | 0.2887   | 5.20    | _____     |
| HAND LABOR               |        |         |          |         |           |
| Self-Propelled           | hour   | 14.53   | 0.0352   | 0.52    | _____     |
| LA Hired Labor           |        |         |          |         |           |
| Implements               | hour   | 14.53   | 0.1913   | 2.78    | _____     |
| Tractors                 | hour   | 14.53   | 0.7470   | 10.87   | _____     |
| Self-Propelled           | hour   | 14.53   | 0.2182   | 3.17    | _____     |
| DIESEL FUEL              |        |         |          |         |           |
| Tractors                 | gal    | 3.50    | 6.7725   | 23.73   | _____     |
| Self-Propelled           | gal    | 3.50    | 6.3428   | 22.22   | _____     |
| REPAIR & MAINTENANCE     |        |         |          |         |           |
| Implements               | Acre   | 11.46   | 1.0000   | 11.46   | _____     |
| Tractors                 | Acre   | 5.07    | 1.0000   | 5.07    | _____     |
| Self-Propelled           | Acre   | 29.92   | 1.0000   | 29.92   | _____     |
| INTEREST ON OP. CAP.     | Acre   | 23.58   | 1.0000   | 23.58   | _____     |
|                          |        |         |          | -----   |           |
| TOTAL DIRECT EXPENSES    |        |         |          | 695.96  | _____     |
| FIXED EXPENSES           |        |         |          |         |           |
| Implements               | Acre   | 19.81   | 1.0000   | 19.81   | _____     |
| Tractors                 | Acre   | 39.15   | 1.0000   | 39.15   | _____     |
| Self-Propelled           | Acre   | 145.97  | 1.0000   | 145.97  | _____     |
|                          |        |         |          | -----   |           |
| TOTAL FIXED EXPENSES     |        |         |          | 204.93  | _____     |
|                          |        |         |          | -----   |           |
| TOTAL SPECIFIED EXPENSES |        |         |          | 900.89  | _____     |

Table 1.B Estimated resource use and costs for field operations, per Acre  
Cotton, B2/RRFlex,8-row equipment, non-irrigated, alluvial soil, Louisiana, 2023.

| 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-----       |       |        |               |
| Land Plane                    | 40'x10'       | MFWD 190           | 0.242        | 0.20          | Oct | 2.03              | 2.89   | 0.06           | 0.19  | 0.04        | 0.71  |                         |       |        | 5.88          |
| Paratill & Bed Fold.          | 8R-38         | MFWD 225           | 0.080        | 0.50          | Nov | 2.03              | 3.02   | 0.68           | 1.53  | 0.04        | 0.59  |                         |       |        | 7.85          |
| Fert Appl (Liquid)            | 8R-38         | MFWD 190           | 0.077        | 1.00          | Nov | 3.26              | 4.62   | 1.53           | 2.14  | 0.11        | 1.69  |                         |       |        | 13.24         |
| LA Phosphate                  | lb            |                    |              |               |     |                   |        |                |       |             |       | 60.0000                 | 0.75  | 45.00  | 45.00         |
| LA Potash                     | lb            |                    |              |               |     |                   |        |                |       |             |       | 60.0000                 | 0.43  | 25.80  | 25.80         |
| Lime (Spread)                 | ton           |                    |              | 0.33          | Nov |                   |        |                |       |             |       | 0.3300                  | 65.00 | 21.45  | 21.45         |
| Disk Bed (Hipper)Rdg          | 8R-38         | MFWD 190           | 0.074        | 1.00          | Nov | 3.11              | 4.41   | 0.67           | 2.21  | 0.07        | 1.08  |                         |       |        | 11.44         |
| Row Cond (Harrow)             | 27'           | MFWD 190           | 0.057        | 1.00          | Nov | 2.41              | 3.41   | 0.18           | 0.94  | 0.05        | 0.83  |                         |       |        | 7.77          |
| Roller                        | 32'           | MFWD 170           | 0.046        | 1.00          | Nov | 1.72              | 2.27   | 0.18           | 1.29  | 0.04        | 0.68  |                         |       |        | 6.14          |
| Ditcher                       |               | 2WD 130            | 0.020        | 1.00          | Nov | 0.55              | 0.63   | 0.07           | 0.12  | 0.02        | 0.29  |                         |       |        | 1.66          |
| Sprayer( 600-750Gal)          | 60'           |                    | 0.017        | 1.00          | Mar | 0.84              | 1.63   |                |       | 0.02        | 0.45  |                         |       |        | 2.92          |
| Roundup WeatherMax            | oz            |                    |              |               |     |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18   | 4.18          |
| 2,4-D Amine 4                 | pt            |                    |              |               |     |                   |        |                |       |             |       | 1.0000                  | 2.88  | 2.88   | 2.88          |
| Valor WP                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 1.5000                  | 3.20  | 4.80   | 4.80          |
| Plant & Pre Folding           | 8R-38         | MFWD 170           | 0.080        | 1.00          | Apr | 2.96              | 3.90   | 2.27           | 5.48  | 0.16        | 2.34  |                         |       |        | 16.95         |
| Cotoran 4L                    | pt            |                    |              |               |     |                   |        |                |       |             |       | 1.2000                  | 5.24  | 6.29   | 6.29          |
| Cotton Seed BGII/RRF          | thous         |                    |              |               |     |                   |        |                |       |             |       | 40.0000                 | 2.70  | 108.00 | 108.00        |
| Ammo 2.5 EC                   | oz            |                    |              |               |     |                   |        |                |       |             |       | 1.2800                  | 0.85  | 1.09   | 1.09          |
| BGII/RRF Cot Tech Fe cap/ac   |               |                    |              |               |     |                   |        |                |       |             |       | 1.0000                  | 62.69 | 62.69  | 62.69         |
| Ditcher                       |               | 2WD 130            | 0.020        | 1.00          | Apr | 0.55              | 0.63   | 0.07           | 0.12  | 0.02        | 0.29  |                         |       |        | 1.66          |
| Fert Appl (Liquid)            | 8R-38         | MFWD 190           | 0.077        | 1.00          | Apr | 3.26              | 4.62   | 1.53           | 2.14  | 0.11        | 1.69  |                         |       |        | 13.24         |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |        |                |       |             |       | 90.0000                 | 0.59  | 53.10  | 53.10         |
| Sprayer( 600-750Gal)          | 60'           |                    | 0.017        | 1.00          | May | 0.84              | 1.63   |                |       | 0.02        | 0.45  |                         |       |        | 2.92          |
| Dimethoate 4E                 | pt            |                    |              |               |     |                   |        |                |       |             |       | 0.4000                  | 13.50 | 5.40   | 5.40          |
| Roundup WeatherMax            | oz            |                    |              |               |     |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18   | 4.18          |
| Dual II Magnum                | pt            |                    |              |               |     |                   |        |                |       |             |       | 1.0000                  | 13.25 | 13.25  | 13.25         |
| Sprayer( 600-750Gal)          | 60'           |                    | 0.017        | 1.00          | May | 0.84              | 1.63   |                |       | 0.02        | 0.45  |                         |       |        | 2.92          |
| Roundup WeatherMax            | oz            |                    |              |               |     |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18   | 4.18          |
| Centric 40WG                  | oz            |                    |              |               |     |                   |        |                |       |             |       | 2.0000                  | 5.95  | 11.90  | 11.90         |
| Sprayer( 600-750Gal)          | 60'           |                    | 0.017        | 1.00          | Jun | 0.84              | 1.63   |                |       | 0.02        | 0.45  |                         |       |        | 2.92          |
| Roundup WeatherMax            | oz            |                    |              |               |     |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18   | 4.18          |
| App by Air ( 3 gal)           | appl          |                    |              | 1.00          | Jun |                   |        |                |       |             |       | 1.0000                  | 6.87  | 6.87   | 6.87          |
| Centric 40WG                  | oz            |                    |              |               |     |                   |        |                |       |             |       | 2.0000                  | 5.95  | 11.90  | 11.90         |
| Pix Plus                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 4.0000                  | 1.36  | 5.44   | 5.44          |
| Spray (Direct/Layby)          | 8R-38         | MFWD 170           | 0.066        | 1.00          | Jun | 2.47              | 3.25   | 0.61           | 0.92  | 0.10        | 1.46  |                         |       |        | 8.71          |
| Layby Pro                     | qt            |                    |              |               |     |                   |        |                |       |             |       | 1.0000                  | 3.87  | 3.87   | 3.87          |
| Eradication Fee               | acre          |                    |              | 1.00          | Jul |                   |        |                |       |             |       | 1.0000                  | 6.00  | 6.00   | 6.00          |
| App by Air ( 3 gal)           | appl          |                    |              | 1.00          | Jul |                   |        |                |       |             |       | 1.0000                  | 6.87  | 6.87   | 6.87          |
| Karate Z                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 2.1300                  | 1.41  | 3.00   | 3.00          |
| Orthene 90S                   | lb            |                    |              |               |     |                   |        |                |       |             |       | 0.6000                  | 7.00  | 4.20   | 4.20          |
| Diamond .83EC                 | pt            |                    |              |               |     |                   |        |                |       |             |       | 0.3750                  | 20.16 | 7.56   | 7.56          |
| App by Air ( 3 gal)           | appl          |                    |              | 1.00          | Aug |                   |        |                |       |             |       | 1.0000                  | 6.87  | 6.87   | 6.87          |
| Karate Z                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 2.1300                  | 1.41  | 3.00   | 3.00          |
| Bidrin 8L                     | oz            |                    |              |               |     |                   |        |                |       |             |       | 6.0000                  | 1.51  | 9.06   | 9.06          |
| Pix Plus                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 12.0000                 | 1.36  | 16.32  | 16.32         |
| App by Air ( 3 gal)           | appl          |                    |              | 1.00          | Aug |                   |        |                |       |             |       | 1.0000                  | 6.87  | 6.87   | 6.87          |
| Bidrin 8L                     | oz            |                    |              |               |     |                   |        |                |       |             |       | 6.0000                  | 1.51  | 9.06   | 9.06          |
| Diamond .83EC                 | pt            |                    |              |               |     |                   |        |                |       |             |       | 0.3750                  | 20.16 | 7.56   | 7.56          |
| App by Air ( 3 gal)           | appl          |                    |              | 1.00          | Aug |                   |        |                |       |             |       | 1.0000                  | 6.87  | 6.87   | 6.87          |
| Orthene 90S                   | lb            |                    |              |               |     |                   |        |                |       |             |       | 0.5500                  | 7.00  | 3.85   | 3.85          |
| Karate Z                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 2.1300                  | 1.41  | 3.00   | 3.00          |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Sep |                   |        |                |       |             |       | 1.0000                  | 8.11  | 8.11   | 8.11          |
| Dropp SC                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 1.2000                  | 1.56  | 1.87   | 1.87          |
| Prep                          | pt            |                    |              |               |     |                   |        |                |       |             |       | 1.3300                  | 3.84  | 5.11   | 5.11          |
| Def/Folex                     | pt            |                    |              |               |     |                   |        |                |       |             |       | 0.7500                  | 11.25 | 8.44   | 8.44          |
| Cotton Picker/Module          | 6R-30(500)    |                    | 0.218        | 1.00          | Sep | 48.78             | 139.45 |                |       | 0.43        | 7.09  |                         |       |        | 195.32        |
| Stalk Shredder-Flail          | 12'           | MFWD 150           | 0.137        | 1.00          | Nov | 4.45              | 5.50   | 3.61           | 2.73  | 0.13        | 2.00  |                         |       |        | 18.29         |
| Crop Consultant               | acre          |                    |              | 1.00          | Nov |                   |        |                |       |             |       | 1.0000                  | 9.00  | 9.00   | 9.00          |
| Digital Ag Fee                | acre          |                    |              | 1.00          | Nov |                   |        |                |       |             |       | 1.0000                  | 10.00 | 10.00  | 10.00         |
| Soil Test                     | acre          |                    |              |               |     |                   |        |                |       |             |       | 0.3300                  | 10.00 | 3.30   | 3.30          |
| Cotton Checkoff               | bale          |                    |              | 1.00          | Nov |                   |        |                |       |             |       | 1.9800                  | 2.56  | 5.07   | 5.07          |
| TOTALS                        |               |                    |              |               |     | 80.94             | 185.12 | 11.46          | 19.81 | 1.48        | 22.54 |                         |       | 557.44 | 877.31        |
| INTEREST ON OPERATING CAPITAL |               |                    |              |               |     |                   |        |                |       |             |       |                         |       |        | 23.58         |
| UNALLOCATED LABOR             |               |                    |              |               |     |                   |        |                |       |             |       |                         |       |        | 0.00          |
| TOTAL SPECIFIED COST          |               |                    |              |               |     |                   |        |                |       |             |       |                         |       |        | 900.89        |

Table 1.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre  
Cotton, B2/RRFlex,8-row equipment, non-irrigated, alluvial soil, Louisiana, 2024.

|             |         |      | -----BREAKEVEN PRICE----- |      |      |      |      |      |      |      |      |      |      |
|-------------|---------|------|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Cotton Lint |         |      | 0.36                      | 0.39 | 0.42 | 0.45 | 0.49 | 0.54 | 0.60 | 0.68 | 0.78 | 0.91 | 1.09 |
| PERCENT     | YIELD   | UNIT | -----dollars-----         |      |      |      |      |      |      |      |      |      |      |
| 50          | 500.00  | 1b   | -364                      | -351 | -336 | -318 | -298 | -273 | -242 | -204 | -156 | -91  | 0    |
|             |         |      | -569                      | -556 | -541 | -523 | -502 | -478 | -447 | -409 | -361 | -295 | -204 |
| 60          | 600.00  | 1b   | -327                      | -312 | -294 | -273 | -248 | -218 | -182 | -136 | -78  | 0    | 109  |
|             |         |      | -532                      | -517 | -499 | -478 | -453 | -423 | -387 | -341 | -282 | -204 | -95  |
| 70          | 700.00  | 1b   | -291                      | -273 | -252 | -227 | -198 | -163 | -121 | -68  | 0    | 91   | 218  |
|             |         |      | -496                      | -478 | -457 | -432 | -403 | -368 | -326 | -273 | -204 | -113 | 13   |
| 80          | 800.00  | 1b   | -254                      | -234 | -210 | -182 | -149 | -109 | -60  | 0    | 78   | 182  | 327  |
|             |         |      | -459                      | -439 | -415 | -387 | -353 | -314 | -265 | -204 | -126 | -22  | 122  |
| 90          | 900.00  | 1b   | -218                      | -195 | -168 | -136 | -99  | -54  | 0    | 68   | 156  | 273  | 437  |
|             |         |      | -423                      | -400 | -373 | -341 | -304 | -259 | -204 | -136 | -48  | 68   | 232  |
| 100         | 1000.00 | 1b   | -182                      | -156 | -126 | -91  | -49  | 0    | 60   | 136  | 234  | 364  | 546  |
|             |         |      | -387                      | -361 | -331 | -295 | -254 | -204 | -144 | -68  | 29   | 159  | 341  |
| 110         | 1100.00 | 1b   | -145                      | -117 | -84  | -45  | 0    | 54   | 121  | 204  | 312  | 455  | 655  |
|             |         |      | -350                      | -322 | -288 | -250 | -204 | -150 | -83  | -0   | 107  | 250  | 450  |
| 120         | 1200.00 | 1b   | -109                      | -78  | -42  | 0    | 49   | 109  | 182  | 273  | 390  | 546  | 764  |
|             |         |      | -314                      | -282 | -246 | -204 | -155 | -95  | -22  | 68   | 185  | 341  | 559  |
| 130         | 1300.00 | 1b   | -72                       | -39  | 0    | 45   | 99   | 163  | 242  | 341  | 468  | 637  | 874  |
|             |         |      | -277                      | -243 | -204 | -159 | -105 | -41  | 37   | 136  | 263  | 432  | 669  |
| 140         | 1400.00 | 1b   | -36                       | 0    | 42   | 91   | 149  | 218  | 303  | 409  | 546  | 728  | 983  |
|             |         |      | -241                      | -204 | -162 | -113 | -55  | 13   | 98   | 204  | 341  | 523  | 778  |
| 150         | 1500.00 | 1b   | 0                         | 39   | 84   | 136  | 198  | 273  | 364  | 478  | 624  | 819  | 1092 |
|             |         |      | -204                      | -165 | -120 | -68  | -6   | 68   | 159  | 273  | 419  | 614  | 887  |

The top number in each cell is Returns Above Direct Expenses.  
The bottom number in each cell is Returns Above Total Specified Expenses.  
Only the product listed has been varied to calculate net returns.

Table 1.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre  
Cotton, B2/RRFlex,8-row equipment, non-irrigated, alluvial soil, Louisiana, 2024.

|             |         |      | -----BREAKEVEN PRICE----- |      |      |      |      |      |      |      |      |      |      |
|-------------|---------|------|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Cotton Lint |         |      | 0.50                      | 0.53 | 0.57 | 0.62 | 0.68 | 0.75 | 0.83 | 0.93 | 1.07 | 1.25 | 1.50 |
| PERCENT     | YIELD   | UNIT | -----dollars-----         |      |      |      |      |      |      |      |      |      |      |
| 50          | 500.00  | 1b   | -295                      | -278 | -257 | -233 | -204 | -170 | -128 | -76  | -9   | 79   | 204  |
|             |         |      | -500                      | -482 | -462 | -438 | -409 | -375 | -333 | -281 | -214 | -125 | 0    |
| 60          | 600.00  | 1b   | -245                      | -224 | -199 | -170 | -136 | -95  | -45  | 17   | 97   | 204  | 355  |
|             |         |      | -450                      | -429 | -404 | -375 | -341 | -300 | -250 | -187 | -107 | 0    | 150  |
| 70          | 700.00  | 1b   | -195                      | -170 | -141 | -108 | -68  | -20  | 37   | 111  | 204  | 330  | 505  |
|             |         |      | -400                      | -375 | -346 | -313 | -273 | -225 | -166 | -93  | 0    | 125  | 300  |
| 80          | 800.00  | 1b   | -145                      | -117 | -84  | -45  | 0    | 54   | 121  | 204  | 312  | 455  | 655  |
|             |         |      | -350                      | -321 | -288 | -250 | -204 | -150 | -83  | 0    | 107  | 250  | 450  |
| 90          | 900.00  | 1b   | -95                       | -63  | -26  | 17   | 68   | 129  | 204  | 298  | 419  | 580  | 805  |
|             |         |      | -300                      | -268 | -231 | -187 | -136 | -75  | 0    | 93   | 214  | 375  | 601  |
| 100         | 1000.00 | 1b   | -45                       | -9   | 31   | 79   | 136  | 204  | 288  | 392  | 526  | 705  | 956  |
|             |         |      | -250                      | -214 | -173 | -125 | -68  | 0    | 83   | 187  | 321  | 500  | 751  |
| 110         | 1100.00 | 1b   | 4                         | 43   | 89   | 142  | 204  | 280  | 371  | 486  | 634  | 831  | 1106 |
|             |         |      | -200                      | -160 | -115 | -62  | 0    | 75   | 166  | 281  | 429  | 626  | 901  |
| 120         | 1200.00 | 1b   | 54                        | 97   | 147  | 204  | 273  | 355  | 455  | 580  | 741  | 956  | 1256 |
|             |         |      | -150                      | -107 | -57  | 0    | 68   | 150  | 250  | 375  | 536  | 751  | 1051 |
| 130         | 1300.00 | 1b   | 104                       | 151  | 204  | 267  | 341  | 430  | 538  | 674  | 848  | 1081 | 1406 |
|             |         |      | -100                      | -53  | 0    | 62   | 136  | 225  | 333  | 469  | 643  | 876  | 1202 |
| 140         | 1400.00 | 1b   | 154                       | 204  | 262  | 330  | 409  | 505  | 622  | 768  | 956  | 1206 | 1557 |
|             |         |      | -50                       | 0    | 57   | 125  | 204  | 300  | 417  | 563  | 751  | 1001 | 1352 |
| 150         | 1500.00 | 1b   | 204                       | 258  | 320  | 392  | 478  | 580  | 705  | 862  | 1063 | 1331 | 1707 |
|             |         |      | 0                         | 53   | 115  | 187  | 273  | 375  | 500  | 657  | 858  | 1126 | 1502 |

The top number in each cell is Returns Above Direct Expenses.  
The bottom number in each cell is Returns Above Total Specified Expenses.  
Only the product listed has been varied to calculate net returns.

Table 2.A Estimated costs per Acre Cotton, B2/RRFlex Cotton, 8-row equipment, irrigated, alluvial soil, Louisiana, 2024.

| ITEM                     | UNIT   | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--------------------------|--------|---------|----------|---------|-----------|
|                          |        | dollars |          | dollars |           |
| DIRECT EXPENSES          |        |         |          |         |           |
| CUSTOM SPRAY             |        |         |          |         |           |
| App by Air ( 3 gal)      | appl   | 6.87    | 5.0000   | 34.35   |           |
| App by Air ( 5 gal)      | appl   | 8.11    | 1.0000   | 8.11    |           |
| HARVEST AIDS             |        |         |          |         |           |
| Dropp SC                 | oz     | 1.56    | 1.2000   | 1.87    |           |
| Prep                     | pt     | 3.84    | 1.3300   | 5.11    |           |
| Def/Folex                | pt     | 11.25   | 0.7500   | 8.44    |           |
| FERTILIZERS              |        |         |          |         |           |
| LA Phosphate             | lb     | 0.75    | 60.0000  | 45.00   |           |
| LA Potash                | lb     | 0.43    | 60.0000  | 25.80   |           |
| LA Nitrogen              | lb     | 0.59    | 90.0000  | 53.10   |           |
| HERBICIDES               |        |         |          |         |           |
| Roundup WeatherMax       | oz     | 0.19    | 88.0000  | 16.72   |           |
| 2,4-D Amine 4            | pt     | 2.88    | 1.0000   | 2.88    |           |
| Valor WP                 | oz     | 3.20    | 1.5000   | 4.80    |           |
| Cotoran 4L               | pt     | 5.24    | 1.2000   | 6.29    |           |
| Dual II Magnum           | pt     | 13.25   | 1.0000   | 13.25   |           |
| Layby Pro                | qt     | 3.87    | 1.0000   | 3.87    |           |
| INSECTICIDES             |        |         |          |         |           |
| Ammo 2.5 EC              | oz     | 0.85    | 1.2800   | 1.09    |           |
| Dimethoate 4E            | pt     | 13.50   | 0.4000   | 5.40    |           |
| Orthene 90S              | lb     | 7.00    | 1.8000   | 12.60   |           |
| Centric 40WG             | oz     | 5.95    | 4.0000   | 23.80   |           |
| Karate Z                 | oz     | 1.41    | 6.3900   | 9.01    |           |
| Bidrin 8L                | oz     | 1.51    | 12.0000  | 18.12   |           |
| Diamond .83EC            | pt     | 20.16   | 0.7500   | 15.12   |           |
| IRRIGATION SUPPLIES      |        |         |          |         |           |
| Roll-Out Pipe            | ft     | 0.24    | 33.0000  | 7.92    |           |
| SEED/PLANTS              |        |         |          |         |           |
| Cotton Seed BGII/RRF     | thous  | 2.70    | 40.0000  | 108.00  |           |
| TECHNOLOGY FEE           |        |         |          |         |           |
| BGII/RRF Cot Tech Fe     | cap/ac | 62.69   | 1.0000   | 62.69   |           |
| Eradication Fee          | acre   | 6.00    | 1.0000   | 6.00    |           |
| GROWTH REGULATORS        |        |         |          |         |           |
| Pix Plus                 | oz     | 1.36    | 24.0000  | 32.64   |           |
| SERVICE FEE              |        |         |          |         |           |
| Crop Consultant          | acre   | 9.00    | 1.0000   | 9.00    |           |
| Digital Ag Fee           | acre   | 10.00   | 1.0000   | 10.00   |           |
| Soil Test                | acre   | 10.00   | 0.3300   | 3.30    |           |
| Cotton Checkoff          | bale   | 2.56    | 2.2900   | 5.86    |           |
| CUSTOM FERT/LIME         |        |         |          |         |           |
| Lime (Spread)            | ton    | 65.00   | 0.3300   | 21.45   |           |
| OPERATOR LABOR           |        |         |          |         |           |
| Self-Propelled           | hour   | 17.94   | 0.2887   | 5.20    |           |
| IRRIGATION LABOR         |        |         |          |         |           |
| Implements               | hour   | 14.53   | 0.0062   | 0.09    |           |
| HAND LABOR               |        |         |          |         |           |
| Self-Propelled           | hour   | 14.53   | 0.0352   | 0.52    |           |
| LA Hired Labor           |        |         |          |         |           |
| Implements               | hour   | 14.53   | 0.1913   | 2.78    |           |
| Tractors                 | hour   | 14.53   | 1.0219   | 14.88   |           |
| Self-Propelled           | hour   | 14.53   | 0.2182   | 3.17    |           |
| LA Irrigation Labor      |        |         |          |         |           |
| Special Labor            | hour   | 14.53   | 0.1500   | 2.17    |           |
| DIESEL FUEL              |        |         |          |         |           |
| Tractors                 | gal    | 3.50    | 9.4935   | 33.25   |           |
| Self-Propelled           | gal    | 3.50    | 6.3428   | 22.22   |           |
| Roll-Out Pipe Irr.       | gal    | 3.50    | 8.5535   | 29.94   |           |
| REPAIR & MAINTENANCE     |        |         |          |         |           |
| Implements               | Acre   | 12.11   | 1.0000   | 12.11   |           |
| Tractors                 | Acre   | 7.22    | 1.0000   | 7.22    |           |
| Self-Propelled           | Acre   | 29.92   | 1.0000   | 29.92   |           |
| Roll-Out Pipe Irr.       | Acre   | 7.16    | 1.0000   | 7.16    |           |
| INTEREST ON OP. CAP.     | Acre   | 26.02   | 1.0000   | 26.02   |           |
| TOTAL DIRECT EXPENSES    |        |         |          | 778.23  |           |
| FIXED EXPENSES           |        |         |          |         |           |
| Implements               | Acre   | 22.13   | 1.0000   | 22.13   |           |
| Tractors                 | Acre   | 55.76   | 1.0000   | 55.76   |           |
| Self-Propelled           | Acre   | 145.97  | 1.0000   | 145.97  |           |
| Roll-Out Pipe Irr.       | Acre   | 68.61   | 1.0000   | 68.61   |           |
| TOTAL FIXED EXPENSES     |        |         |          | 292.47  |           |
| TOTAL SPECIFIED EXPENSES |        |         |          | 1070.70 |           |

Table 2.B Estimated resource use and costs for field operations, per Acre  
Cotton, B2/RRFlex Cotton, 8-row equipment, irrigated, alluvial soil, Louisiana, 2024.

| 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-----       |       |        |               |         |
| Land Plane                    | 40'x10'       | MFWD 190           | 0.242        | 0.20          | Oct  | 2.03              | 2.89   | 0.06           | 0.19  | 0.04        | 0.71  |                         |       |        | 5.88          |         |
| Paratill & Bed Fold.          | 8R-38         | MFWD 225           | 0.080        | 0.50          | Nov  | 2.03              | 3.02   | 0.68           | 1.53  | 0.04        | 0.59  |                         |       |        | 7.85          |         |
| Lime (Spread)                 | ton           |                    |              | 0.33          | Nov  |                   |        |                |       |             |       | 0.3300                  | 65.00 | 21.45  | 21.45         |         |
| Fert Appl (Liquid)            | 8R-38         | MFWD 190           | 0.077        | 1.00          | Nov  | 3.26              | 4.62   | 1.53           | 2.14  | 0.11        | 1.69  |                         |       |        | 13.24         |         |
| LA Phosphate                  | lb            |                    |              |               |      |                   |        |                |       |             |       | 60.0000                 | 0.75  | 45.00  | 45.00         |         |
| LA Potash                     | lb            |                    |              |               |      |                   |        |                |       |             |       | 60.0000                 | 0.43  | 25.80  | 25.80         |         |
| Disk Bed (Hipper)Fld          | 8R-38         | MFWD 190           | 0.074        | 1.00          | Nov  | 3.11              | 4.41   | 0.85           | 2.80  | 0.07        | 1.08  |                         |       |        | 12.25         |         |
| Row Cond (Harrow)             | 38'           | MFWD 225           | 0.039        | 1.00          | Nov  | 1.97              | 2.94   | 0.22           | 1.15  | 0.03        | 0.57  |                         |       |        | 6.85          |         |
| Roller                        | 32'           | MFWD 170           | 0.046        | 1.00          | Nov  | 1.72              | 2.27   | 0.18           | 1.29  | 0.04        | 0.68  |                         |       |        | 6.14          |         |
| Ditcher                       |               | 2WD 130            | 0.020        | 1.00          | Nov  | 0.55              | 0.63   | 0.07           | 0.12  | 0.02        | 0.29  |                         |       |        | 1.66          |         |
| Sprayer( 600-750Gal)          | 60'           |                    | 0.017        | 1.00          | Mar  | 0.84              | 1.63   |                |       | 0.02        | 0.45  |                         |       |        | 2.92          |         |
| Roundup WeatherMax            | oz            |                    |              |               |      |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18   | 4.18          |         |
| 2,4-D Amine 4                 | pt            |                    |              |               |      |                   |        |                |       |             |       | 1.0000                  | 2.88  | 2.88   | 2.88          |         |
| Valor WP                      | oz            |                    |              |               |      |                   |        |                |       |             |       | 1.5000                  | 3.20  | 4.80   | 4.80          |         |
| Plant & Pre Folding           | 8R-38         | MFWD 170           | 0.080        | 1.00          | Apr  | 2.96              | 3.90   | 2.27           | 5.48  | 0.16        | 2.34  |                         |       |        | 16.95         |         |
| Cotoran 4L                    | pt            |                    |              |               |      |                   |        |                |       |             |       | 1.2000                  | 5.24  | 6.29   | 6.29          |         |
| Cotton Seed BGII/RRF          | thous         |                    |              |               |      |                   |        |                |       |             |       | 40.0000                 | 2.70  | 108.00 | 108.00        |         |
| Ammo 2.5 EC                   | oz            |                    |              |               |      |                   |        |                |       |             |       | 1.2800                  | 0.85  | 1.09   | 1.09          |         |
| BGII/RRF Cot Tech Fe cap/ac   |               |                    |              |               |      |                   |        |                |       |             |       | 1.0000                  | 62.69 | 62.69  | 62.69         |         |
| Ditcher                       |               | 2WD 130            | 0.020        | 1.00          | Apr  | 0.55              | 0.63   | 0.07           | 0.12  | 0.02        | 0.29  |                         |       |        | 1.66          |         |
| Fert Appl (Liquid)            | 8R-38         | MFWD 190           | 0.077        | 1.00          | Apr  | 3.26              | 4.62   | 1.53           | 2.14  | 0.11        | 1.69  |                         |       |        | 13.24         |         |
| LA Nitrogen                   | lb            |                    |              |               |      |                   |        |                |       |             |       | 90.0000                 | 0.59  | 53.10  | 53.10         |         |
| Sprayer( 600-750Gal)          | 60'           |                    |              | 0.017         | 1.00 | May               | 0.84   | 1.63           |       | 0.02        | 0.45  |                         |       |        | 2.92          |         |
| Dimethoate 4E                 | pt            |                    |              |               |      |                   |        |                |       |             |       | 0.4000                  | 13.50 | 5.40   | 5.40          |         |
| Roundup WeatherMax            | oz            |                    |              |               |      |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18   | 4.18          |         |
| Dual II Magnum                | pt            |                    |              |               |      |                   |        |                |       |             |       | 1.0000                  | 13.25 | 13.25  | 13.25         |         |
| Sprayer( 600-750Gal)          | 60'           |                    |              | 0.017         | 1.00 | May               | 0.84   | 1.63           |       | 0.02        | 0.45  |                         |       |        | 2.92          |         |
| Roundup WeatherMax            | oz            |                    |              |               |      |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18   | 4.18          |         |
| Sprayer( 600-750Gal)          | 60'           |                    |              | 0.017         | 1.00 | Jun               | 0.84   | 1.63           |       | 0.02        | 0.45  |                         |       |        | 2.92          |         |
| Roundup WeatherMax            | oz            |                    |              |               |      |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18   | 4.18          |         |
| Orthene 90S                   | lb            |                    |              |               |      |                   |        |                |       |             |       | 0.6000                  | 7.00  | 4.20   | 4.20          |         |
| Centric 40WG                  | oz            |                    |              |               |      |                   |        |                |       |             |       | 2.0000                  | 5.95  | 11.90  | 11.90         |         |
| App by Air ( 3 gal)           | appl          |                    |              |               | 1.00 | Jun               |        |                |       |             |       | 1.0000                  | 6.87  | 6.87   | 6.87          |         |
| Centric 40WG                  | oz            |                    |              |               |      |                   |        |                |       |             |       | 2.0000                  | 5.95  | 11.90  | 11.90         |         |
| Pix Plus                      | oz            |                    |              |               |      |                   |        |                |       |             |       | 12.0000                 | 1.36  | 16.32  | 16.32         |         |
| Spray (Direct/Layby)          | 8R-38         | MFWD 170           | 0.066        | 1.00          | Jun  | 2.47              | 3.25   | 0.61           | 0.92  | 0.10        | 1.46  |                         |       |        | 8.71          |         |
| Layby Pro                     | qt            |                    |              |               |      |                   |        |                |       |             |       | 1.0000                  | 3.87  | 3.87   | 3.87          |         |
| Eradication Fee               | acre          |                    |              |               | 1.00 | Jul               |        |                |       |             |       | 1.0000                  | 6.00  | 6.00   | 6.00          |         |
| App by Air ( 3 gal)           | appl          |                    |              |               | 1.00 | Jul               |        |                |       |             |       | 1.0000                  | 6.87  | 6.87   | 6.87          |         |
| Karate Z                      | oz            |                    |              |               |      |                   |        |                |       |             |       | 2.1300                  | 1.41  | 3.00   | 3.00          |         |
| Bidrin 8L                     | oz            |                    |              |               |      |                   |        |                |       |             |       | 6.0000                  | 1.51  | 9.06   | 9.06          |         |
| Pix Plus                      | oz            |                    |              |               |      |                   |        |                |       |             |       | 12.0000                 | 1.36  | 16.32  | 16.32         |         |
| App by Air ( 3 gal)           | appl          |                    |              |               | 1.00 | Aug               |        |                |       |             |       | 1.0000                  | 6.87  | 6.87   | 6.87          |         |
| Karate Z                      | oz            |                    |              |               |      |                   |        |                |       |             |       | 2.1300                  | 1.41  | 3.00   | 3.00          |         |
| Bidrin 8L                     | oz            |                    |              |               |      |                   |        |                |       |             |       | 6.0000                  | 1.51  | 9.06   | 9.06          |         |
| Diamond .83EC                 | pt            |                    |              |               |      |                   |        |                |       |             |       | 0.3750                  | 20.16 | 7.56   | 7.56          |         |
| App by Air ( 3 gal)           | appl          |                    |              |               | 1.00 | Aug               |        |                |       |             |       | 1.0000                  | 6.87  | 6.87   | 6.87          |         |
| Orthene 90S                   | lb            |                    |              |               |      |                   |        |                |       |             |       | 0.6000                  | 7.00  | 4.20   | 4.20          |         |
| Karate Z                      | oz            |                    |              |               |      |                   |        |                |       |             |       | 2.1300                  | 1.41  | 3.00   | 3.00          |         |
| Diamond .83EC                 | pt            |                    |              |               |      |                   |        |                |       |             |       | 0.3750                  | 20.16 | 7.56   | 7.56          |         |
| App by Air ( 3 gal)           | appl          |                    |              |               | 1.00 | Aug               |        |                |       |             |       | 1.0000                  | 6.87  | 6.87   | 6.87          |         |
| Orthene 90S                   | lb            |                    |              |               |      |                   |        |                |       |             |       | 0.6000                  | 7.00  | 4.20   | 4.20          |         |
| App by Air ( 5 gal)           | appl          |                    |              |               | 1.00 | Sep               |        |                |       |             |       | 1.0000                  | 8.11  | 8.11   | 8.11          |         |
| Dropp SC                      | oz            |                    |              |               |      |                   |        |                |       |             |       | 1.2000                  | 1.56  | 1.87   | 1.87          |         |
| Prep                          | pt            |                    |              |               |      |                   |        |                |       |             |       | 1.3300                  | 3.84  | 5.11   | 5.11          |         |
| Def/Folex                     | pt            |                    |              |               |      |                   |        |                |       |             |       | 0.7500                  | 11.25 | 8.44   | 8.44          |         |
| Cotton Picker/Module          | 6R-30(500)    |                    | 0.218        | 1.00          | Sep  | 48.78             | 139.45 |                |       | 0.43        | 7.09  |                         |       |        | 195.32        |         |
| Stalk Shredder-Flail          | 12'           | MFWD 150           | 0.137        | 1.00          | Nov  | 4.45              | 5.50   | 3.61           | 2.73  | 0.13        | 2.00  |                         |       |        | 18.29         |         |
| Crop Consultant               | acre          |                    |              |               | 1.00 | Nov               |        |                |       |             |       | 1.0000                  | 9.00  | 9.00   | 9.00          |         |
| Digital Ag Fee                | acre          |                    |              |               | 1.00 | Nov               |        |                |       |             |       | 1.0000                  | 10.00 | 10.00  | 10.00         |         |
| Soil Test                     | acre          |                    |              |               |      |                   |        |                |       |             |       | 0.3300                  | 10.00 | 3.30   | 3.30          |         |
| Cotton Checkoff               | bale          |                    |              |               | 1.00 | Nov               |        |                |       |             |       | 2.2900                  | 2.56  | 5.86   | 5.86          |         |
| Roll-Out Pipe Irr.            | Acre          |                    |              |               | Jul  | 12.11             | 17.08  | 37.53          | 70.13 | 0.44        | 6.53  | 1.0000                  |       | 7.92   | 151.30        |         |
| TOTALS                        |               |                    |              |               |      | 92.61             | 201.73 | 49.21          | 90.74 | 1.91        | 28.81 |                         |       |        | 1044.68       |         |
| INTEREST ON OPERATING CAPITAL |               |                    |              |               |      |                   |        |                |       |             |       |                         |       |        |               | 26.02   |
| UNALLOCATED LABOR             |               |                    |              |               |      |                   |        |                |       |             |       |                         |       |        |               | 0.00    |
| TOTAL SPECIFIED COST          |               |                    |              |               |      |                   |        |                |       |             |       |                         |       |        |               | 1070.70 |

Table 2.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre  
Cotton, B2/RRFlex Cotton, 8-row equipment, irrigated, alluvial soil, Louisiana, 2024.

|             |         |      | -----BREAKEVEN PRICE----- |      |      |      |      |      |      |      |      |      |      |
|-------------|---------|------|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Cotton Lint |         |      | 0.27                      | 0.29 | 0.31 | 0.33 | 0.36 | 0.40 | 0.45 | 0.50 | 0.58 | 0.67 | 0.81 |
| PERCENT     | YIELD   | UNIT | -----dollars-----         |      |      |      |      |      |      |      |      |      |      |
| 50          | 700.00  | 1b   | -379                      | -365 | -350 | -331 | -310 | -284 | -252 | -213 | -162 | -94  | 0    |
|             |         |      | -671                      | -658 | -642 | -624 | -602 | -576 | -545 | -505 | -454 | -387 | -292 |
| 60          | 840.00  | 1b   | -341                      | -325 | -306 | -284 | -258 | -227 | -189 | -142 | -81  | 0    | 113  |
|             |         |      | -633                      | -617 | -598 | -576 | -551 | -519 | -482 | -434 | -373 | -292 | -178 |
| 70          | 980.00  | 1b   | -303                      | -284 | -262 | -236 | -206 | -170 | -126 | -71  | 0    | 94   | 227  |
|             |         |      | -595                      | -576 | -554 | -529 | -499 | -463 | -418 | -363 | -292 | -197 | -64  |
| 80          | 1120.00 | 1b   | -265                      | -243 | -218 | -189 | -155 | -113 | -63  | 0    | 81   | 189  | 341  |
|             |         |      | -557                      | -536 | -511 | -482 | -447 | -406 | -355 | -292 | -211 | -102 | 48   |
| 90          | 1260.00 | 1b   | -227                      | -203 | -175 | -142 | -103 | -56  | 0    | 71   | 162  | 284  | 455  |
|             |         |      | -519                      | -495 | -467 | -434 | -395 | -349 | -292 | -221 | -129 | -8   | 162  |
| 100         | 1400.00 | 1b   | -189                      | -162 | -131 | -94  | -51  | 0    | 63   | 142  | 243  | 379  | 568  |
|             |         |      | -482                      | -454 | -423 | -387 | -344 | -292 | -229 | -150 | -48  | 86   | 276  |
| 110         | 1540.00 | 1b   | -151                      | -121 | -87  | -47  | 0    | 56   | 126  | 213  | 325  | 473  | 682  |
|             |         |      | -444                      | -414 | -379 | -339 | -292 | -235 | -166 | -79  | 32   | 181  | 390  |
| 120         | 1680.00 | 1b   | -113                      | -81  | -43  | 0    | 51   | 113  | 189  | 284  | 406  | 568  | 796  |
|             |         |      | -406                      | -373 | -336 | -292 | -240 | -178 | -102 | -8   | 113  | 276  | 503  |
| 130         | 1820.00 | 1b   | -75                       | -40  | 0    | 47   | 103  | 170  | 252  | 355  | 487  | 663  | 910  |
|             |         |      | -368                      | -333 | -292 | -245 | -189 | -121 | -39  | 63   | 195  | 371  | 617  |
| 140         | 1960.00 | 1b   | -37                       | 0    | 43   | 94   | 155  | 227  | 315  | 426  | 568  | 758  | 1023 |
|             |         |      | -330                      | -292 | -248 | -197 | -137 | -64  | 23   | 134  | 276  | 465  | 731  |
| 150         | 2100.00 | 1b   | 0                         | 40   | 87   | 142  | 206  | 284  | 379  | 497  | 650  | 853  | 1137 |
|             |         |      | -292                      | -251 | -204 | -150 | -85  | -8   | 86   | 205  | 357  | 560  | 845  |

The top number in each cell is Returns Above Direct Expenses.  
The bottom number in each cell is Returns Above Total Specified Expenses.  
Only the product listed has been varied to calculate net returns.

Table 2.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre  
Cotton, B2/RRFlex Cotton, 8-row equipment, irrigated, alluvial soil, Louisiana, 2024.

|             |         |      | -----BREAKEVEN PRICE----- |      |      |      |      |      |      |      |      |      |      |
|-------------|---------|------|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Cotton Lint |         |      | 0.41                      | 0.43 | 0.47 | 0.51 | 0.55 | 0.61 | 0.68 | 0.76 | 0.87 | 1.02 | 1.23 |
| PERCENT     | YIELD   | UNIT | -----dollars-----         |      |      |      |      |      |      |      |      |      |      |
| 50          | 700.00  | 1b   | -281                      | -261 | -237 | -209 | -177 | -138 | -90  | -30  | 46   | 148  | 292  |
|             |         |      | -574                      | -553 | -530 | -502 | -469 | -430 | -382 | -322 | -246 | -143 | 0    |
| 60          | 840.00  | 1b   | -224                      | -199 | -171 | -138 | -99  | -52  | 5    | 77   | 169  | 292  | 464  |
|             |         |      | -516                      | -492 | -463 | -430 | -391 | -344 | -287 | -215 | -123 | 0    | 172  |
| 70          | 980.00  | 1b   | -166                      | -138 | -105 | -66  | -20  | 34   | 101  | 184  | 292  | 436  | 636  |
|             |         |      | -459                      | -430 | -397 | -358 | -313 | -258 | -191 | -107 | 0    | 143  | 344  |
| 80          | 1120.00 | 1b   | -109                      | -76  | -38  | 5    | 57   | 120  | 196  | 292  | 415  | 579  | 809  |
|             |         |      | -401                      | -369 | -331 | -287 | -234 | -172 | -95  | 0    | 123  | 287  | 516  |
| 90          | 1260.00 | 1b   | -52                       | -15  | 27   | 77   | 135  | 206  | 292  | 400  | 538  | 723  | 981  |
|             |         |      | -344                      | -307 | -265 | -215 | -156 | -86  | 0    | 107  | 246  | 430  | 689  |
| 100         | 1400.00 | 1b   | 5                         | 46   | 93   | 148  | 214  | 292  | 388  | 507  | 661  | 866  | 1153 |
|             |         |      | -287                      | -246 | -198 | -143 | -78  | 0    | 95   | 215  | 369  | 574  | 861  |
| 110         | 1540.00 | 1b   | 62                        | 107  | 159  | 220  | 292  | 378  | 483  | 615  | 784  | 1010 | 1325 |
|             |         |      | -229                      | -184 | -132 | -71  | 0    | 86   | 191  | 322  | 492  | 717  | 1033 |
| 120         | 1680.00 | 1b   | 120                       | 169  | 226  | 292  | 370  | 464  | 579  | 723  | 907  | 1153 | 1498 |
|             |         |      | -172                      | -123 | -66  | 0    | 78   | 172  | 287  | 430  | 615  | 861  | 1205 |
| 130         | 1820.00 | 1b   | 177                       | 230  | 292  | 364  | 449  | 550  | 675  | 830  | 1030 | 1297 | 1670 |
|             |         |      | -114                      | -61  | 0    | 71   | 156  | 258  | 382  | 538  | 738  | 1004 | 1378 |
| 140         | 1960.00 | 1b   | 235                       | 292  | 358  | 436  | 527  | 636  | 770  | 938  | 1153 | 1440 | 1842 |
|             |         |      | -57                       | 0    | 66   | 143  | 234  | 344  | 478  | 645  | 861  | 1148 | 1550 |
| 150         | 2100.00 | 1b   | 292                       | 353  | 424  | 507  | 605  | 723  | 866  | 1046 | 1276 | 1584 | 2014 |
|             |         |      | 0                         | 61   | 132  | 215  | 313  | 430  | 574  | 753  | 984  | 1291 | 1722 |

The top number in each cell is Returns Above Direct Expenses.  
The bottom number in each cell is Returns Above Total Specified Expenses.  
Only the product listed has been varied to calculate net returns.

Table 3.A Estimated costs per Acre  
Cotton, B2/RR Flex Cotton, 8-row equipment, irrigated, Macon Ridge Area, Louisiana, 2024.

| ITEM                     | UNIT   | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--------------------------|--------|---------|----------|---------|-----------|
|                          |        | dollars |          | dollars |           |
| DIRECT EXPENSES          |        |         |          |         |           |
| CUSTOM SPRAY             |        |         |          |         |           |
| App by Air ( 3 gal)      | appl   | 6.87    | 5.0000   | 34.35   |           |
| App by Air ( 5 gal)      | appl   | 8.11    | 1.0000   | 8.11    |           |
| HARVEST AIDS             |        |         |          |         |           |
| Dropp SC                 | oz     | 1.56    | 1.2000   | 1.87    |           |
| Prep                     | pt     | 3.84    | 1.3300   | 5.11    |           |
| Def/Folex                | pt     | 11.25   | 0.7500   | 8.44    |           |
| FERTILIZERS              |        |         |          |         |           |
| LA Phosphate             | lb     | 0.75    | 50.0000  | 37.50   |           |
| LA Potash                | lb     | 0.43    | 60.0000  | 25.80   |           |
| LA Nitrogen              | lb     | 0.59    | 90.0000  | 53.10   |           |
| HERBICIDES               |        |         |          |         |           |
| Roundup WeatherMax       | oz     | 0.19    | 88.0000  | 16.72   |           |
| 2,4-D Amine 4            | pt     | 2.88    | 1.0000   | 2.88    |           |
| Valor WP                 | oz     | 3.20    | 1.5000   | 4.80    |           |
| Cotoran 4L               | pt     | 5.24    | 1.2000   | 6.29    |           |
| Dual II Magnum           | pt     | 13.25   | 1.0000   | 13.25   |           |
| Layby Pro                | qt     | 3.87    | 1.0000   | 3.87    |           |
| INSECTICIDES             |        |         |          |         |           |
| Ammo 2.5 EC              | oz     | 0.85    | 1.2800   | 1.09    |           |
| Dimethoate 4E            | pt     | 13.50   | 0.4000   | 5.40    |           |
| Orthene 90S              | lb     | 7.00    | 1.8000   | 12.60   |           |
| Centric 40WG             | oz     | 5.95    | 4.0000   | 23.80   |           |
| Karate Z                 | oz     | 1.41    | 6.3900   | 9.01    |           |
| Bidrin 8L                | oz     | 1.51    | 12.0000  | 18.12   |           |
| Diamond .83EC            | pt     | 20.16   | 0.3750   | 7.56    |           |
| IRRIGATION SUPPLIES      |        |         |          |         |           |
| Roll-Out Pipe            | ft     | 0.24    | 33.0000  | 7.92    |           |
| SEED/PLANTS              |        |         |          |         |           |
| Cotton Seed BGII/RRF     | thous  | 2.70    | 40.0000  | 108.00  |           |
| TECHNOLOGY FEE           |        |         |          |         |           |
| BGII/RRF Cot Tech Fe     | cap/ac | 62.69   | 1.0000   | 62.69   |           |
| Eradication Fee          | acre   | 6.00    | 1.0000   | 6.00    |           |
| GROWTH REGULATORS        |        |         |          |         |           |
| Pix Plus                 | oz     | 1.36    | 24.0000  | 32.64   |           |
| SERVICE FEE              |        |         |          |         |           |
| Crop Consultant          | acre   | 9.00    | 1.0000   | 9.00    |           |
| Digital Ag Fee           | acre   | 10.00   | 1.0000   | 10.00   |           |
| Soil Test                | acre   | 10.00   | 0.3300   | 3.30    |           |
| Cotton Checkoff          | bale   | 2.56    | 2.0800   | 5.32    |           |
| OPERATOR LABOR           |        |         |          |         |           |
| Self-Propelled           | hour   | 17.94   | 0.2887   | 5.20    |           |
| IRRIGATION LABOR         |        |         |          |         |           |
| Implements               | hour   | 14.53   | 0.0062   | 0.09    |           |
| HAND LABOR               |        |         |          |         |           |
| Self-Propelled           | hour   | 14.53   | 0.0352   | 0.52    |           |
| LA Hired Labor           |        |         |          |         |           |
| Implements               | hour   | 14.53   | 0.1913   | 2.78    |           |
| Tractors                 | hour   | 14.53   | 1.0148   | 14.77   |           |
| Self-Propelled           | hour   | 14.53   | 0.2182   | 3.17    |           |
| LA Irrigation Labor      |        |         |          |         |           |
| Special Labor            | hour   | 14.53   | 0.1500   | 2.17    |           |
| DIESEL FUEL              |        |         |          |         |           |
| Tractors                 | gal    | 3.50    | 9.5201   | 33.34   |           |
| Self-Propelled           | gal    | 3.50    | 6.3428   | 22.22   |           |
| Roll-Out Pipe Irr.       | gal    | 3.50    | 8.5535   | 29.94   |           |
| REPAIR & MAINTENANCE     |        |         |          |         |           |
| Implements               | Acre   | 12.41   | 1.0000   | 12.41   |           |
| Tractors                 | Acre   | 7.28    | 1.0000   | 7.28    |           |
| Self-Propelled           | Acre   | 29.92   | 1.0000   | 29.92   |           |
| Roll-Out Pipe Irr.       | Acre   | 7.16    | 1.0000   | 7.16    |           |
| INTEREST ON OP. CAP.     | Acre   | 25.69   | 1.0000   | 25.69   |           |
| TOTAL DIRECT EXPENSES    |        |         |          | 741.19  |           |
| FIXED EXPENSES           |        |         |          |         |           |
| Implements               | Acre   | 23.90   | 1.0000   | 23.90   |           |
| Tractors                 | Acre   | 56.25   | 1.0000   | 56.25   |           |
| Self-Propelled           | Acre   | 145.97  | 1.0000   | 145.97  |           |
| Roll-Out Pipe Irr.       | Acre   | 68.61   | 1.0000   | 68.61   |           |
| TOTAL FIXED EXPENSES     |        |         |          | 294.73  |           |
| TOTAL SPECIFIED EXPENSES |        |         |          | 1035.92 |           |

Table 3.B Estimated resource use and costs for field operations, per Acre  
Cotton, B2/RR Flex Cotton, 8-row equipment, irrigated, Macon Ridge Area, Louisiana, 2024.

| 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 225           | 0.070        | 1.00          | Sep | 3.52              | 5.24   | 1.46           | 3.85  | 0.07        | 1.02  |                         |       |                   |               | 15.09   |
| Land Plane                    | 40'x10'       | MFWD 190           | 0.242        | 0.20          | Oct | 2.03              | 2.89   | 0.06           | 0.19  | 0.04        | 0.71  |                         |       |                   |               | 5.88    |
| Fert Appl (Liquid)            | 8R-38         | MFWD 190           | 0.077        | 1.00          | Nov | 3.26              | 4.62   | 1.53           | 2.14  | 0.11        | 1.69  |                         |       |                   |               | 13.24   |
| LA Phosphate                  | lb            |                    |              |               |     |                   |        |                |       |             |       | 50.0000                 | 0.75  | 37.50             |               | 37.50   |
| LA Potash                     | lb            |                    |              |               |     |                   |        |                |       |             |       | 60.0000                 | 0.43  | 25.80             |               | 25.80   |
| Disk Bed (Hipper)Fld          | 8R-38         | MFWD 190           | 0.074        | 1.00          | Nov | 3.11              | 4.41   | 0.85           | 2.80  | 0.07        | 1.08  |                         |       |                   |               | 12.25   |
| Row Cond (Harrow)             | 27'           | MFWD 190           | 0.057        | 1.00          | Nov | 2.41              | 3.41   | 0.18           | 0.94  | 0.05        | 0.83  |                         |       |                   |               | 7.77    |
| Roller                        | 32'           | MFWD 170           | 0.046        | 1.00          | Nov | 1.72              | 2.27   | 0.18           | 1.29  | 0.04        | 0.68  |                         |       |                   |               | 6.14    |
| Ditcher                       |               | 2WD 130            | 0.020        | 1.00          | Nov | 0.55              | 0.63   | 0.07           | 0.12  | 0.02        | 0.29  |                         |       |                   |               | 1.66    |
| Sprayer( 600-750Gal)          | 60'           |                    | 0.017        | 1.00          | Mar | 0.84              | 1.63   |                |       | 0.02        | 0.45  |                         |       |                   |               | 2.92    |
| Roundup WeatherMax            | oz            |                    |              |               |     |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18              |               | 4.18    |
| 2,4-D Amine 4                 | pt            |                    |              |               |     |                   |        |                |       |             |       | 1.0000                  | 2.88  | 2.88              |               | 2.88    |
| Valor WP                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 1.5000                  | 3.20  | 4.80              |               | 4.80    |
| Plant & Pre Folding           | 8R-38         | MFWD 170           | 0.080        | 1.00          | Apr | 2.96              | 3.90   | 2.27           | 5.48  | 0.16        | 2.34  |                         |       |                   |               | 16.95   |
| Cotoran 4L                    | pt            |                    |              |               |     |                   |        |                |       |             |       | 1.2000                  | 5.24  | 6.29              |               | 6.29    |
| Cotton Seed BGII/RRF          | thous         |                    |              |               |     |                   |        |                |       |             |       | 40.0000                 | 2.70  | 108.00            |               | 108.00  |
| Ammo 2.5 EC                   | oz            |                    |              |               |     |                   |        |                |       |             |       | 1.2800                  | 0.85  | 1.09              |               | 1.09    |
| BGII/RRF Cot Tech Fe cap/ac   |               |                    |              |               |     |                   |        |                |       |             |       | 1.0000                  | 62.69 | 62.69             |               | 62.69   |
| Ditcher                       |               | 2WD 130            | 0.020        | 1.00          | Apr | 0.55              | 0.63   | 0.07           | 0.12  | 0.02        | 0.29  |                         |       |                   |               | 1.66    |
| Fert Appl (Liquid)            | 8R-38         | MFWD 190           | 0.077        | 1.00          | Apr | 3.26              | 4.62   | 1.53           | 2.14  | 0.11        | 1.69  |                         |       |                   |               | 13.24   |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |        |                |       |             |       | 90.0000                 | 0.59  | 53.10             |               | 53.10   |
| Sprayer( 600-750Gal)          | 60'           |                    | 0.017        | 1.00          | May | 0.84              | 1.63   |                |       | 0.02        | 0.45  |                         |       |                   |               | 2.92    |
| Dimethoate 4E                 | pt            |                    |              |               |     |                   |        |                |       |             |       | 0.4000                  | 13.50 | 5.40              |               | 5.40    |
| Roundup WeatherMax            | oz            |                    |              |               |     |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18              |               | 4.18    |
| Dual II Magnum                | pt            |                    |              |               |     |                   |        |                |       |             |       | 1.0000                  | 13.25 | 13.25             |               | 13.25   |
| Sprayer( 600-750Gal)          | 60'           |                    | 0.017        | 1.00          | May | 0.84              | 1.63   |                |       | 0.02        | 0.45  |                         |       |                   |               | 2.92    |
| Roundup WeatherMax            | oz            |                    |              |               |     |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18              |               | 4.18    |
| Sprayer( 600-750Gal)          | 60'           |                    | 0.017        | 1.00          | Jun | 0.84              | 1.63   |                |       | 0.02        | 0.45  |                         |       |                   |               | 2.92    |
| Roundup WeatherMax            | oz            |                    |              |               |     |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18              |               | 4.18    |
| Orthene 90S                   | lb            |                    |              |               |     |                   |        |                |       |             |       | 0.6000                  | 7.00  | 4.20              |               | 4.20    |
| Centric 40WG                  | oz            |                    |              |               |     |                   |        |                |       |             |       | 2.0000                  | 5.95  | 11.90             |               | 11.90   |
| App by Air ( 3 gal)           | appl          |                    |              | 1.00          | Jun |                   |        |                |       |             |       | 1.0000                  | 6.87  | 6.87              |               | 6.87    |
| Centric 40WG                  | oz            |                    |              |               |     |                   |        |                |       |             |       | 2.0000                  | 5.95  | 11.90             |               | 11.90   |
| Pix Plus                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 12.0000                 | 1.36  | 16.32             |               | 16.32   |
| Spray (Direct/Layby)          | 8R-38         | MFWD 170           | 0.066        | 1.00          | Jun | 2.47              | 3.25   | 0.61           | 0.92  | 0.10        | 1.46  |                         |       |                   |               | 8.71    |
| Layby Pro                     | qt            |                    |              |               |     |                   |        |                |       |             |       | 1.0000                  | 3.87  | 3.87              |               | 3.87    |
| Eradication Fee               | acre          |                    |              | 1.00          | Jul |                   |        |                |       |             |       | 1.0000                  | 6.00  | 6.00              |               | 6.00    |
| App by Air ( 3 gal)           | appl          |                    |              | 1.00          | Jul |                   |        |                |       |             |       | 1.0000                  | 6.87  | 6.87              |               | 6.87    |
| Karate Z                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 2.1300                  | 1.41  | 3.00              |               | 3.00    |
| Bidrin 8L                     | oz            |                    |              |               |     |                   |        |                |       |             |       | 6.0000                  | 1.51  | 9.06              |               | 9.06    |
| Pix Plus                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 12.0000                 | 1.36  | 16.32             |               | 16.32   |
| App by Air ( 3 gal)           | appl          |                    |              | 1.00          | Aug |                   |        |                |       |             |       | 1.0000                  | 6.87  | 6.87              |               | 6.87    |
| Karate Z                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 2.1300                  | 1.41  | 3.00              |               | 3.00    |
| Bidrin 8L                     | oz            |                    |              |               |     |                   |        |                |       |             |       | 6.0000                  | 1.51  | 9.06              |               | 9.06    |
| Diamond .83EC                 | pt            |                    |              |               |     |                   |        |                |       |             |       | 0.3750                  | 20.16 | 7.56              |               | 7.56    |
| App by Air ( 3 gal)           | appl          |                    |              | 1.00          | Aug |                   |        |                |       |             |       | 1.0000                  | 6.87  | 6.87              |               | 6.87    |
| Orthene 90S                   | lb            |                    |              |               |     |                   |        |                |       |             |       | 0.6000                  | 7.00  | 4.20              |               | 4.20    |
| Karate Z                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 2.1300                  | 1.41  | 3.00              |               | 3.00    |
| App by Air ( 3 gal)           | appl          |                    |              | 1.00          | Aug |                   |        |                |       |             |       | 1.0000                  | 6.87  | 6.87              |               | 6.87    |
| Orthene 90S                   | lb            |                    |              |               |     |                   |        |                |       |             |       | 0.6000                  | 7.00  | 4.20              |               | 4.20    |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Sep |                   |        |                |       |             |       | 1.0000                  | 8.11  | 8.11              |               | 8.11    |
| Dropp SC                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 1.2000                  | 1.56  | 1.87              |               | 1.87    |
| Prep                          | pt            |                    |              |               |     |                   |        |                |       |             |       | 1.3300                  | 3.84  | 5.11              |               | 5.11    |
| Def/Folex                     | pt            |                    |              |               |     |                   |        |                |       |             |       | 0.7500                  | 11.25 | 8.44              |               | 8.44    |
| Cotton Picker/Module          | 6R-30(500)    |                    | 0.218        | 1.00          | Sep | 48.78             | 139.45 |                |       | 0.43        | 7.09  |                         |       |                   |               | 195.32  |
| Stalk Shredder-Flail          | 20'           | MFWD 150           | 0.082        | 1.00          | Nov | 2.67              | 3.30   | 3.17           | 2.39  | 0.08        | 1.20  |                         |       |                   |               | 12.73   |
| Crop Consultant               | acre          |                    |              | 1.00          | Nov |                   |        |                |       |             |       | 1.0000                  | 9.00  | 9.00              |               | 9.00    |
| Digital Ag Fee                | acre          |                    |              | 1.00          | Nov |                   |        |                |       |             |       | 1.0000                  | 10.00 | 10.00             |               | 10.00   |
| Soil Test                     | acre          |                    |              |               |     |                   |        |                |       |             |       | 0.3300                  | 10.00 | 3.30              |               | 3.30    |
| Cotton Checkoff               | bale          |                    |              | 1.00          | Nov |                   |        |                |       |             |       | 2.0800                  | 2.56  | 5.32              |               | 5.32    |
| Roll-Out Pipe Irr.            | Acre          |                    |              |               | Jul | 12.11             | 17.08  | 37.53          | 70.13 | 0.44        | 6.53  | 1.0000                  |       | 7.92              |               | 151.30  |
| TOTALS                        |               |                    |              |               |     | 92.76             | 202.22 | 49.51          | 92.51 | 1.90        | 28.70 |                         |       |                   | 544.53        | 1010.23 |
| INTEREST ON OPERATING CAPITAL |               |                    |              |               |     |                   |        |                |       |             |       |                         |       |                   |               | 25.69   |
| UNALLOCATED LABOR             |               |                    |              |               |     |                   |        |                |       |             |       |                         |       |                   |               | 0.00    |
| TOTAL SPECIFIED COST          |               |                    |              |               |     |                   |        |                |       |             |       |                         |       |                   |               | 1035.92 |

Table 3.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre  
Cotton, B2/RR Flex Cotton, 8-Row Equipment,Irrigated, Macon Ridge Area, Louisiana, 2024.

|             |         |      | -----BREAKEVEN PRICE----- |      |      |      |      |      |      |      |      |      |      |
|-------------|---------|------|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Cotton Lint |         |      | 0.31                      | 0.33 | 0.36 | 0.39 | 0.42 | 0.46 | 0.52 | 0.58 | 0.66 | 0.78 | 0.93 |
| PERCENT     | YIELD   | UNIT | -----dollars-----         |      |      |      |      |      |      |      |      |      |      |
| 50          | 600.00  | 1b   | -374                      | -361 | -345 | -327 | -306 | -280 | -249 | -210 | -160 | -93  | 0    |
|             |         |      | -669                      | -655 | -640 | -622 | -601 | -575 | -544 | -505 | -455 | -388 | -294 |
| 60          | 720.00  | 1b   | -337                      | -320 | -302 | -280 | -255 | -224 | -187 | -140 | -80  | 0    | 112  |
|             |         |      | -631                      | -615 | -597 | -575 | -550 | -519 | -481 | -435 | -374 | -294 | -182 |
| 70          | 840.00  | 1b   | -299                      | -280 | -259 | -234 | -204 | -168 | -124 | -70  | 0    | 93   | 224  |
|             |         |      | -594                      | -575 | -553 | -528 | -498 | -463 | -419 | -364 | -294 | -201 | -70  |
| 80          | 960.00  | 1b   | -262                      | -240 | -216 | -187 | -153 | -112 | -62  | 0    | 80   | 187  | 337  |
|             |         |      | -556                      | -535 | -510 | -481 | -447 | -407 | -357 | -294 | -214 | -107 | 42   |
| 90          | 1080.00 | 1b   | -224                      | -200 | -172 | -140 | -102 | -56  | 0    | 70   | 160  | 280  | 449  |
|             |         |      | -519                      | -495 | -467 | -435 | -396 | -350 | -294 | -224 | -134 | -13  | 154  |
| 100         | 1200.00 | 1b   | -187                      | -160 | -129 | -93  | -51  | 0    | 62   | 140  | 240  | 374  | 561  |
|             |         |      | -481                      | -455 | -424 | -388 | -345 | -294 | -232 | -154 | -54  | 79   | 266  |
| 110         | 1320.00 | 1b   | -149                      | -120 | -86  | -46  | 0    | 56   | 124  | 210  | 320  | 468  | 674  |
|             |         |      | -444                      | -415 | -381 | -341 | -294 | -238 | -169 | -84  | 26   | 173  | 379  |
| 120         | 1440.00 | 1b   | -112                      | -80  | -43  | 0    | 51   | 112  | 187  | 280  | 401  | 561  | 786  |
|             |         |      | -407                      | -374 | -337 | -294 | -243 | -182 | -107 | -13  | 106  | 266  | 491  |
| 130         | 1560.00 | 1b   | -74                       | -40  | 0    | 46   | 102  | 168  | 249  | 351  | 481  | 655  | 898  |
|             |         |      | -369                      | -334 | -294 | -247 | -192 | -126 | -45  | 56   | 186  | 360  | 603  |
| 140         | 1680.00 | 1b   | -37                       | 0    | 43   | 93   | 153  | 224  | 312  | 421  | 561  | 748  | 1011 |
|             |         |      | -332                      | -294 | -251 | -201 | -141 | -70  | 17   | 126  | 266  | 454  | 716  |
| 150         | 1800.00 | 1b   | 0                         | 40   | 86   | 140  | 204  | 280  | 374  | 491  | 641  | 842  | 1123 |
|             |         |      | -294                      | -254 | -208 | -154 | -90  | -13  | 79   | 196  | 347  | 547  | 828  |

The top number in each cell is Returns Above Direct Expenses.  
The bottom number in each cell is Returns Above Total Specified Expenses.  
Only the product listed has been varied to calculate net returns.

Table 3.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre  
Cotton, B2/RR Flex Cotton, 8-Row Equipment,Irrigated, Macon Ridge Area, Louisiana, 2024.

|             |         |      | -----BREAKEVEN PRICE----- |      |      |      |      |      |      |      |      |      |      |
|-------------|---------|------|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Cotton Lint |         |      | 0.47                      | 0.50 | 0.54 | 0.59 | 0.64 | 0.71 | 0.79 | 0.89 | 1.01 | 1.18 | 1.42 |
| PERCENT     | YIELD   | UNIT | -----dollars-----         |      |      |      |      |      |      |      |      |      |      |
| 50          | 600.00  | 1b   | -276                      | -255 | -232 | -204 | -172 | -133 | -85  | -26  | 50   | 151  | 294  |
|             |         |      | -570                      | -550 | -527 | -499 | -467 | -428 | -380 | -321 | -244 | -142 | 0    |
| 60          | 720.00  | 1b   | -219                      | -194 | -166 | -133 | -94  | -47  | 9    | 80   | 172  | 294  | 466  |
|             |         |      | -513                      | -489 | -461 | -428 | -389 | -342 | -285 | -214 | -122 | 0    | 171  |
| 70          | 840.00  | 1b   | -162                      | -133 | -100 | -62  | -16  | 37   | 104  | 187  | 294  | 437  | 637  |
|             |         |      | -456                      | -428 | -395 | -356 | -311 | -256 | -190 | -107 | 0    | 142  | 342  |
| 80          | 960.00  | 1b   | -104                      | -72  | -34  | 9    | 61   | 123  | 199  | 294  | 417  | 580  | 808  |
|             |         |      | -399                      | -367 | -329 | -285 | -233 | -171 | -95  | 0    | 122  | 285  | 513  |
| 90          | 1080.00 | 1b   | -47                       | -11  | 31   | 80   | 139  | 209  | 294  | 401  | 539  | 722  | 979  |
|             |         |      | -342                      | -305 | -263 | -214 | -155 | -85  | 0    | 107  | 244  | 428  | 685  |
| 100         | 1200.00 | 1b   | 9                         | 50   | 97   | 151  | 216  | 294  | 389  | 508  | 661  | 865  | 1151 |
|             |         |      | -285                      | -244 | -197 | -142 | -77  | 0    | 95   | 214  | 367  | 570  | 856  |
| 110         | 1320.00 | 1b   | 66                        | 111  | 162  | 223  | 294  | 380  | 485  | 615  | 784  | 1008 | 1322 |
|             |         |      | -228                      | -183 | -131 | -71  | 0    | 85   | 190  | 321  | 489  | 713  | 1027 |
| 120         | 1440.00 | 1b   | 123                       | 172  | 228  | 294  | 372  | 466  | 580  | 722  | 906  | 1151 | 1493 |
|             |         |      | -171                      | -122 | -65  | 0    | 77   | 171  | 285  | 428  | 611  | 856  | 1198 |
| 130         | 1560.00 | 1b   | 180                       | 233  | 294  | 366  | 450  | 551  | 675  | 829  | 1028 | 1293 | 1664 |
|             |         |      | -114                      | -61  | 0    | 71   | 155  | 256  | 380  | 535  | 734  | 999  | 1370 |
| 140         | 1680.00 | 1b   | 237                       | 294  | 360  | 437  | 528  | 637  | 770  | 937  | 1151 | 1436 | 1836 |
|             |         |      | -57                       | 0    | 65   | 142  | 233  | 342  | 475  | 642  | 856  | 1141 | 1541 |
| 150         | 1800.00 | 1b   | 294                       | 355  | 426  | 508  | 606  | 722  | 865  | 1044 | 1273 | 1579 | 2007 |
|             |         |      | 0                         | 61   | 131  | 214  | 311  | 428  | 570  | 749  | 978  | 1284 | 1712 |

The top number in each cell is Returns Above Direct Expenses.  
The bottom number in each cell is Returns Above Total Specified Expenses.  
Only the product listed has been varied to calculate net returns.

Table 4.A Estimated costs per Acre  
Cotton, B2/RRFlex Cotton, 12-row equipment, irrigated, Alluvial Soil, Louisiana, 2024.

| ITEM                     | UNIT   | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--------------------------|--------|---------|----------|---------|-----------|
|                          |        | dollars |          | dollars |           |
| DIRECT EXPENSES          |        |         |          |         |           |
| CUSTOM SPRAY             |        |         |          |         |           |
| App by Air ( 3 gal)      | appl   | 6.87    | 5.0000   | 34.35   |           |
| App by Air ( 5 gal)      | appl   | 8.11    | 1.0000   | 8.11    |           |
| HARVEST AIDS             |        |         |          |         |           |
| Dropp SC                 | oz     | 1.56    | 1.2000   | 1.87    |           |
| Prep                     | pt     | 3.84    | 1.3300   | 5.11    |           |
| Def/Folex                | pt     | 11.25   | 0.7500   | 8.44    |           |
| FERTILIZERS              |        |         |          |         |           |
| LA Phosphate             | lb     | 0.75    | 60.0000  | 45.00   |           |
| LA Potash                | lb     | 0.43    | 60.0000  | 25.80   |           |
| LA Nitrogen              | lb     | 0.59    | 90.0000  | 53.10   |           |
| HERBICIDES               |        |         |          |         |           |
| Roundup WeatherMax       | oz     | 0.19    | 88.0000  | 16.72   |           |
| 2,4-D Amine 4            | pt     | 2.88    | 1.0000   | 2.88    |           |
| Valor WP                 | oz     | 3.20    | 1.5000   | 4.80    |           |
| Cotoran 4L               | pt     | 5.24    | 1.2000   | 6.29    |           |
| Dual II Magnum           | pt     | 13.25   | 1.0000   | 13.25   |           |
| Layby Pro                | qt     | 3.87    | 1.0000   | 3.87    |           |
| INSECTICIDES             |        |         |          |         |           |
| Ammo 2.5 EC              | oz     | 0.85    | 1.2800   | 1.09    |           |
| Dimethoate 4E            | pt     | 13.50   | 0.4000   | 5.40    |           |
| Orthene 90S              | lb     | 7.00    | 1.8000   | 12.60   |           |
| Centric 40WG             | oz     | 5.95    | 4.0000   | 23.80   |           |
| Karate Z                 | oz     | 1.41    | 6.3900   | 9.01    |           |
| Bidrin 8L                | oz     | 1.51    | 12.0000  | 18.12   |           |
| Diamond .83EC            | pt     | 20.16   | 0.7500   | 15.12   |           |
| IRRIGATION SUPPLIES      |        |         |          |         |           |
| Roll-Out Pipe            | ft     | 0.24    | 33.0000  | 7.92    |           |
| SEED/PLANTS              |        |         |          |         |           |
| Cotton Seed BGII/RRF     | thous  | 2.70    | 40.0000  | 108.00  |           |
| TECHNOLOGY FEE           |        |         |          |         |           |
| BGII/RRF Cot Tech Fe     | cap/ac | 62.69   | 1.0000   | 62.69   |           |
| Eradication Fee          | acre   | 6.00    | 1.0000   | 6.00    |           |
| GROWTH REGULATORS        |        |         |          |         |           |
| Pix Plus                 | oz     | 1.36    | 24.0000  | 32.64   |           |
| SERVICE FEE              |        |         |          |         |           |
| Crop Consultant          | acre   | 9.00    | 1.0000   | 9.00    |           |
| Digital Ag Fee           | acre   | 10.00   | 1.0000   | 10.00   |           |
| Soil Test                | acre   | 10.00   | 0.3300   | 3.30    |           |
| Cotton Checkoff          | bale   | 2.56    | 2.2900   | 5.86    |           |
| OPERATOR LABOR           |        |         |          |         |           |
| Self-Propelled           | hour   | 17.94   | 0.2887   | 5.20    |           |
| IRRIGATION LABOR         |        |         |          |         |           |
| Implements               | hour   | 14.53   | 0.0062   | 0.09    |           |
| HAND LABOR               |        |         |          |         |           |
| Self-Propelled           | hour   | 14.53   | 0.0352   | 0.52    |           |
| LA Hired Labor           |        |         |          |         |           |
| Implements               | hour   | 14.53   | 0.1273   | 1.86    |           |
| Tractors                 | hour   | 14.53   | 0.8276   | 12.05   |           |
| Self-Propelled           | hour   | 14.53   | 0.2182   | 3.17    |           |
| LA Irrigation Labor      |        |         |          |         |           |
| Special Labor            | hour   | 14.53   | 0.1500   | 2.17    |           |
| DIESEL FUEL              |        |         |          |         |           |
| Tractors                 | gal    | 3.50    | 8.0625   | 28.23   |           |
| Self-Propelled           | gal    | 3.50    | 6.3428   | 22.22   |           |
| Roll-Out Pipe Irr.       | gal    | 3.50    | 8.5535   | 29.94   |           |
| REPAIR & MAINTENANCE     |        |         |          |         |           |
| Implements               | Acre   | 11.17   | 1.0000   | 11.17   |           |
| Tractors                 | Acre   | 6.28    | 1.0000   | 6.28    |           |
| Self-Propelled           | Acre   | 29.92   | 1.0000   | 29.92   |           |
| Roll-Out Pipe Irr.       | Acre   | 7.16    | 1.0000   | 7.16    |           |
| INTEREST ON OP. CAP.     | Acre   | 25.59   | 1.0000   | 25.59   |           |
| TOTAL DIRECT EXPENSES    |        |         |          | 745.70  |           |
| FIXED EXPENSES           |        |         |          |         |           |
| Implements               | Acre   | 22.00   | 1.0000   | 22.00   |           |
| Tractors                 | Acre   | 48.49   | 1.0000   | 48.49   |           |
| Self-Propelled           | Acre   | 145.97  | 1.0000   | 145.97  |           |
| Roll-Out Pipe Irr.       | Acre   | 68.61   | 1.0000   | 68.61   |           |
| TOTAL FIXED EXPENSES     |        |         |          | 285.07  |           |
| TOTAL SPECIFIED EXPENSES |        |         |          | 1030.77 |           |

Table 4.B Estimated resource use and costs for field operations, per Acre  
Cotton, B2/RRFlex Cotton, 12-row equipment, irrigated, Alluvial Soil, Louisiana, 2024.

| 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-----       |       |        |               |         |
| Land Plane                    | 40'x10'       | MFWD 190           | 0.242        | 0.20          | Oct | 2.03              | 2.89   | 0.06           | 0.19  | 0.04        | 0.71  |                         |       |        | 5.88          |         |
| Paratill & Bed Fold.          | 12R-38        | MFWD 225           | 0.053        | 0.50          | Nov | 1.35              | 2.01   | 0.66           | 1.47  | 0.02        | 0.39  |                         |       |        | 5.88          |         |
| Fert Appl (Liquid)            | 12R-38        | MFWD 225           | 0.051        | 1.00          | Nov | 2.60              | 3.86   | 1.07           | 1.50  | 0.07        | 1.13  |                         |       |        | 10.16         |         |
| LA Phosphate                  | lb            |                    |              |               |     |                   |        |                |       |             |       | 60.0000                 | 0.75  | 45.00  | 45.00         |         |
| LA Potash                     | lb            |                    |              |               |     |                   |        |                |       |             |       | 60.0000                 | 0.43  | 25.80  | 25.80         |         |
| Disk Bed (Hipper)             | 12R-38        | MFWD 225           | 0.049        | 1.00          | Nov | 2.48              | 3.68   | 1.41           | 4.65  | 0.04        | 0.72  |                         |       |        | 12.94         |         |
| Row Cond (Harrow)             | 38'           | MFWD 225           | 0.039        | 1.00          | Nov | 1.97              | 2.94   | 0.22           | 1.15  | 0.03        | 0.57  |                         |       |        | 6.85          |         |
| Roller                        | 32'           | MFWD 170           | 0.046        | 1.00          | Nov | 1.72              | 2.27   | 0.18           | 1.29  | 0.04        | 0.68  |                         |       |        | 6.14          |         |
| Ditcher                       |               | 2WD 130            | 0.020        | 1.00          | Nov | 0.55              | 0.63   | 0.07           | 0.12  | 0.02        | 0.29  |                         |       |        | 1.66          |         |
| Sprayer( 600-750Gal)          | 60'           |                    | 0.017        | 1.00          | Mar | 0.84              | 1.63   |                |       | 0.02        | 0.45  |                         |       |        | 2.92          |         |
| Roundup WeatherMax            | oz            |                    |              |               |     |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18   | 4.18          |         |
| 2,4-D Amine 4                 | pt            |                    |              |               |     |                   |        |                |       |             |       | 1.0000                  | 2.88  | 2.88   | 2.88          |         |
| Valor WP                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 1.5000                  | 3.20  | 4.80   | 4.80          |         |
| Plant & Pre Folding           | 12R-38        | MFWD 190           | 0.053        | 1.00          | Apr | 2.24              | 3.18   | 2.14           | 5.18  | 0.10        | 1.56  |                         |       |        | 14.30         |         |
| Cotoran 4L                    | pt            |                    |              |               |     |                   |        |                |       |             |       | 1.2000                  | 5.24  | 6.29   | 6.29          |         |
| Cotton Seed BGII/RRF thous    |               |                    |              |               |     |                   |        |                |       |             |       | 40.0000                 | 2.70  | 108.00 | 108.00        |         |
| Ammo 2.5 EC                   | oz            |                    |              |               |     |                   |        |                |       |             |       | 1.2800                  | 0.85  | 1.09   | 1.09          |         |
| BGII/RRF Cot Tech Fe cap/ac   |               |                    |              |               |     |                   |        |                |       |             |       | 1.0000                  | 62.69 | 62.69  | 62.69         |         |
| Ditcher                       |               | 2WD 130            | 0.020        | 1.00          | Apr | 0.55              | 0.63   | 0.07           | 0.12  | 0.02        | 0.29  |                         |       |        | 1.66          |         |
| Fert Appl (Liquid)            | 12R-38        | MFWD 225           | 0.051        | 1.00          | Apr | 2.60              | 3.86   | 1.07           | 1.50  | 0.07        | 1.13  |                         |       |        | 10.16         |         |
| LA Nitrogen                   | lb            |                    |              |               |     |                   |        |                |       |             |       | 90.0000                 | 0.59  | 53.10  | 53.10         |         |
| Sprayer( 600-750Gal)          | 60'           |                    | 0.017        | 1.00          | May | 0.84              | 1.63   |                |       | 0.02        | 0.45  |                         |       |        | 2.92          |         |
| Dimethoate 4E                 | pt            |                    |              |               |     |                   |        |                |       |             |       | 0.4000                  | 13.50 | 5.40   | 5.40          |         |
| Roundup WeatherMax            | oz            |                    |              |               |     |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18   | 4.18          |         |
| Dual II Magnum                | pt            |                    |              |               |     |                   |        |                |       |             |       | 1.0000                  | 13.25 | 13.25  | 13.25         |         |
| Sprayer( 600-750Gal)          | 60'           |                    | 0.017        | 1.00          | May | 0.84              | 1.63   |                |       | 0.02        | 0.45  |                         |       |        | 2.92          |         |
| Roundup WeatherMax            | oz            |                    |              |               |     |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18   | 4.18          |         |
| Sprayer( 600-750Gal)          | 60'           |                    | 0.017        | 1.00          | Jun | 0.84              | 1.63   |                |       | 0.02        | 0.45  |                         |       |        | 2.92          |         |
| Roundup WeatherMax            | oz            |                    |              |               |     |                   |        |                |       |             |       | 22.0000                 | 0.19  | 4.18   | 4.18          |         |
| Orthene 90S                   | lb            |                    |              |               |     |                   |        |                |       |             |       | 0.6000                  | 7.00  | 4.20   | 4.20          |         |
| Centric 40WG                  | oz            |                    |              |               |     |                   |        |                |       |             |       | 2.0000                  | 5.95  | 11.90  | 11.90         |         |
| App by Air ( 3 gal)           | appl          |                    |              | 1.00          | Jun |                   |        |                |       |             |       | 1.0000                  | 6.87  | 6.87   | 6.87          |         |
| Centric 40WG                  | oz            |                    |              |               |     |                   |        |                |       |             |       | 2.0000                  | 5.95  | 11.90  | 11.90         |         |
| Pix Plus                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 12.0000                 | 1.36  | 16.32  | 16.32         |         |
| Spray (Direct/Layby)          | 12R-38        | MFWD 170           | 0.044        | 1.00          | Jun | 1.64              | 2.16   | 0.62           | 0.92  | 0.06        | 0.97  |                         |       |        | 6.31          |         |
| Layby Pro                     | qt            |                    |              |               |     |                   |        |                |       |             |       | 1.0000                  | 3.87  | 3.87   | 3.87          |         |
| Eradication Fee               | acre          |                    |              | 1.00          | Jul |                   |        |                |       |             |       | 1.0000                  | 6.00  | 6.00   | 6.00          |         |
| App by Air ( 3 gal)           | appl          |                    |              | 1.00          | Jul |                   |        |                |       |             |       | 1.0000                  | 6.87  | 6.87   | 6.87          |         |
| Karate Z                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 2.1300                  | 1.41  | 3.00   | 3.00          |         |
| Bidrin 8L                     | oz            |                    |              |               |     |                   |        |                |       |             |       | 6.0000                  | 1.51  | 9.06   | 9.06          |         |
| Pix Plus                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 12.0000                 | 1.36  | 16.32  | 16.32         |         |
| App by Air ( 3 gal)           | appl          |                    |              | 1.00          | Aug |                   |        |                |       |             |       | 1.0000                  | 6.87  | 6.87   | 6.87          |         |
| Karate Z                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 2.1300                  | 1.41  | 3.00   | 3.00          |         |
| Bidrin 8L                     | oz            |                    |              |               |     |                   |        |                |       |             |       | 6.0000                  | 1.51  | 9.06   | 9.06          |         |
| Diamond .83EC                 | pt            |                    |              |               |     |                   |        |                |       |             |       | 0.3750                  | 20.16 | 7.56   | 7.56          |         |
| App by Air ( 3 gal)           | appl          |                    |              | 1.00          | Aug |                   |        |                |       |             |       | 1.0000                  | 6.87  | 6.87   | 6.87          |         |
| Orthene 90S                   | lb            |                    |              |               |     |                   |        |                |       |             |       | 0.6000                  | 7.00  | 4.20   | 4.20          |         |
| Karate Z                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 2.1300                  | 1.41  | 3.00   | 3.00          |         |
| Diamond .83EC                 | pt            |                    |              |               |     |                   |        |                |       |             |       | 0.3750                  | 20.16 | 7.56   | 7.56          |         |
| App by Air ( 3 gal)           | appl          |                    |              | 1.00          | Aug |                   |        |                |       |             |       | 1.0000                  | 6.87  | 6.87   | 6.87          |         |
| Orthene 90S                   | lb            |                    |              |               |     |                   |        |                |       |             |       | 0.6000                  | 7.00  | 4.20   | 4.20          |         |
| App by Air ( 5 gal)           | appl          |                    |              | 1.00          | Sep |                   |        |                |       |             |       | 1.0000                  | 8.11  | 8.11   | 8.11          |         |
| Dropp SC                      | oz            |                    |              |               |     |                   |        |                |       |             |       | 1.2000                  | 1.56  | 1.87   | 1.87          |         |
| Prep                          | pt            |                    |              |               |     |                   |        |                |       |             |       | 1.3300                  | 3.84  | 5.11   | 5.11          |         |
| Def/Folex                     | pt            |                    |              |               |     |                   |        |                |       |             |       | 0.7500                  | 11.25 | 8.44   | 8.44          |         |
| Cotton Picker/Module          | 6R-30(500)    |                    | 0.218        | 1.00          | Sep | 48.78             | 139.45 |                |       | 0.43        | 7.09  |                         |       |        | 195.32        |         |
| Stalk Shredder-Flail          | 20'           | MFWD 150           | 0.082        | 1.00          | Nov | 2.67              | 3.30   | 3.17           | 2.39  | 0.08        | 1.20  |                         |       |        | 12.73         |         |
| Crop Consultant               | acre          |                    |              | 1.00          | Nov |                   |        |                |       |             |       | 1.0000                  | 9.00  | 9.00   | 9.00          |         |
| Digital Ag Fee                | acre          |                    |              | 1.00          | Nov |                   |        |                |       |             |       | 1.0000                  | 10.00 | 10.00  | 10.00         |         |
| Soil Test                     | acre          |                    |              |               |     |                   |        |                |       |             |       | 0.3300                  | 10.00 | 3.30   | 3.30          |         |
| Cotton Checkoff               | bale          |                    |              | 1.00          | Nov |                   |        |                |       |             |       | 2.2900                  | 2.56  | 5.86   | 5.86          |         |
| Roll-Out Pipe Irr.            | Acre          |                    |              |               | Jul | 12.11             | 17.08  | 37.53          | 70.13 | 0.44        | 6.53  | 1.0000                  |       | 7.92   | 151.30        |         |
| TOTALS                        |               |                    |              |               |     | 86.65             | 194.46 | 48.27          | 90.61 | 1.65        | 25.06 |                         |       |        | 1005.18       |         |
| INTEREST ON OPERATING CAPITAL |               |                    |              |               |     |                   |        |                |       |             |       |                         |       |        |               | 25.59   |
| UNALLOCATED LABOR             |               |                    |              |               |     |                   |        |                |       |             |       |                         |       |        |               | 0.00    |
| TOTAL SPECIFIED COST          |               |                    |              |               |     |                   |        |                |       |             |       |                         |       |        |               | 1030.77 |

Table 4.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre  
Cotton, B2/RRFlex Cotton, 12-row equipment,irrigated, Alluvial Soil, Louisiana, 2024.

|             |         |      | -----BREAKEVEN PRICE----- |      |      |      |      |      |      |      |      |      |      |
|-------------|---------|------|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Cotton Lint |         |      | 0.25                      | 0.27 | 0.29 | 0.31 | 0.34 | 0.38 | 0.42 | 0.47 | 0.54 | 0.63 | 0.76 |
| PERCENT     | YIELD   | UNIT | -----dollars-----         |      |      |      |      |      |      |      |      |      |      |
| 50          | 700.00  | 1b   | -357                      | -344 | -330 | -312 | -292 | -268 | -238 | -201 | -153 | -89  | 0    |
|             |         |      | -642                      | -629 | -615 | -597 | -577 | -553 | -523 | -486 | -438 | -374 | -285 |
| 60          | 840.00  | 1b   | -321                      | -306 | -288 | -268 | -243 | -214 | -178 | -134 | -76  | 0    | 107  |
|             |         |      | -606                      | -591 | -573 | -553 | -528 | -499 | -463 | -419 | -361 | -285 | -177 |
| 70          | 980.00  | 1b   | -286                      | -268 | -247 | -223 | -195 | -160 | -119 | -67  | 0    | 89   | 214  |
|             |         |      | -571                      | -553 | -532 | -508 | -480 | -445 | -404 | -352 | -285 | -195 | -70  |
| 80          | 1120.00 | 1b   | -250                      | -229 | -206 | -178 | -146 | -107 | -59  | 0    | 76   | 178  | 321  |
|             |         |      | -535                      | -514 | -491 | -463 | -431 | -392 | -344 | -285 | -208 | -106 | 36   |
| 90          | 1260.00 | 1b   | -214                      | -191 | -165 | -134 | -97  | -53  | 0    | 67   | 153  | 268  | 429  |
|             |         |      | -499                      | -476 | -450 | -419 | -382 | -338 | -285 | -218 | -131 | -16  | 143  |
| 100         | 1400.00 | 1b   | -178                      | -153 | -123 | -89  | -48  | 0    | 59   | 134  | 229  | 357  | 536  |
|             |         |      | -463                      | -438 | -408 | -374 | -333 | -285 | -225 | -151 | -55  | 72   | 251  |
| 110         | 1540.00 | 1b   | -143                      | -114 | -82  | -44  | 0    | 53   | 119  | 201  | 306  | 446  | 643  |
|             |         |      | -428                      | -399 | -367 | -329 | -285 | -231 | -165 | -83  | 21   | 161  | 358  |
| 120         | 1680.00 | 1b   | -107                      | -76  | -41  | 0    | 48   | 107  | 178  | 268  | 383  | 536  | 750  |
|             |         |      | -392                      | -361 | -326 | -285 | -236 | -177 | -106 | -16  | 97   | 251  | 465  |
| 130         | 1820.00 | 1b   | -71                       | -38  | 0    | 44   | 97   | 160  | 238  | 335  | 459  | 625  | 858  |
|             |         |      | -356                      | -323 | -285 | -240 | -187 | -124 | -46  | 50   | 174  | 340  | 572  |
| 140         | 1960.00 | 1b   | -35                       | 0    | 41   | 89   | 146  | 214  | 297  | 402  | 536  | 715  | 965  |
|             |         |      | -320                      | -285 | -243 | -195 | -138 | -70  | 12   | 117  | 251  | 429  | 680  |
| 150         | 2100.00 | 1b   | 0                         | 38   | 82   | 134  | 195  | 268  | 357  | 469  | 612  | 804  | 1072 |
|             |         |      | -285                      | -246 | -202 | -151 | -90  | -16  | 72   | 184  | 327  | 519  | 787  |

The top number in each cell is Returns Above Direct Expenses.  
The bottom number in each cell is Returns Above Total Specified Expenses.  
Only the product listed has been varied to calculate net returns.

Table 4.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre  
Cotton, B2/RRFlex Cotton, 12-row equipment,irrigated, Alluvial Soil, Louisiana, 2024.

|             |         |      | -----BREAKEVEN PRICE----- |      |      |      |      |      |      |      |      |      |      |
|-------------|---------|------|---------------------------|------|------|------|------|------|------|------|------|------|------|
| Cotton Lint |         |      | 0.39                      | 0.41 | 0.45 | 0.48 | 0.53 | 0.58 | 0.65 | 0.73 | 0.83 | 0.97 | 1.17 |
| PERCENT     | YIELD   | UNIT | -----dollars-----         |      |      |      |      |      |      |      |      |      |      |
| 50          | 700.00  | 1b   | -262                      | -242 | -220 | -194 | -162 | -125 | -79  | -22  | 50   | 148  | 285  |
|             |         |      | -547                      | -527 | -505 | -479 | -447 | -410 | -365 | -307 | -234 | -136 | 0    |
| 60          | 840.00  | 1b   | -207                      | -184 | -157 | -125 | -88  | -43  | 11   | 79   | 167  | 285  | 449  |
|             |         |      | -492                      | -469 | -442 | -410 | -373 | -328 | -273 | -205 | -117 | 0    | 164  |
| 70          | 980.00  | 1b   | -152                      | -125 | -94  | -57  | -13  | 38   | 102  | 182  | 285  | 421  | 613  |
|             |         |      | -438                      | -410 | -379 | -342 | -298 | -246 | -182 | -102 | 0    | 136  | 328  |
| 80          | 1120.00 | 1b   | -98                       | -66  | -30  | 11   | 61   | 120  | 193  | 285  | 402  | 558  | 777  |
|             |         |      | -383                      | -351 | -315 | -273 | -223 | -164 | -91  | 0    | 117  | 273  | 492  |
| 90          | 1260.00 | 1b   | -43                       | -8   | 32   | 79   | 135  | 202  | 285  | 387  | 519  | 695  | 942  |
|             |         |      | -328                      | -293 | -252 | -205 | -149 | -82  | 0    | 102  | 234  | 410  | 657  |
| 100         | 1400.00 | 1b   | 11                        | 50   | 95   | 148  | 210  | 285  | 376  | 490  | 637  | 832  | 1106 |
|             |         |      | -273                      | -234 | -189 | -136 | -74  | 0    | 91   | 205  | 351  | 547  | 821  |
| 110         | 1540.00 | 1b   | 66                        | 109  | 158  | 216  | 285  | 367  | 467  | 593  | 754  | 969  | 1270 |
|             |         |      | -219                      | -175 | -126 | -68  | 0    | 82   | 182  | 307  | 469  | 684  | 985  |
| 120         | 1680.00 | 1b   | 120                       | 167  | 221  | 285  | 359  | 449  | 558  | 695  | 871  | 1106 | 1434 |
|             |         |      | -164                      | -117 | -63  | 0    | 74   | 164  | 273  | 410  | 586  | 821  | 1149 |
| 130         | 1820.00 | 1b   | 175                       | 226  | 285  | 353  | 434  | 531  | 650  | 798  | 989  | 1243 | 1599 |
|             |         |      | -109                      | -58  | 0    | 68   | 149  | 246  | 365  | 513  | 703  | 958  | 1314 |
| 140         | 1960.00 | 1b   | 230                       | 285  | 348  | 421  | 509  | 613  | 741  | 901  | 1106 | 1380 | 1763 |
|             |         |      | -54                       | 0    | 63   | 136  | 223  | 328  | 456  | 615  | 821  | 1095 | 1478 |
| 150         | 2100.00 | 1b   | 285                       | 343  | 411  | 490  | 583  | 695  | 832  | 1003 | 1223 | 1517 | 1927 |
|             |         |      | 0                         | 58   | 126  | 205  | 298  | 410  | 547  | 718  | 938  | 1231 | 1642 |

The top number in each cell is Returns Above Direct Expenses.  
The bottom number in each cell is Returns Above Total Specified Expenses.  
Only the product listed has been varied to calculate net returns.

Appendix Table 1 Estimated costs per Acre  
Poly pipe irrigation system, 160 acres  
applying 10.5 inches in three applications Louisiana, 2024.

| ITEM                     | UNIT  | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--------------------------|-------|---------|----------|---------|-----------|
|                          |       | dollars |          | dollars |           |
| DIRECT EXPENSES          |       |         |          |         |           |
| IRRIGATION SUPPLIES      |       |         |          |         |           |
| Roll-Out Pipe            | ft    | 0.24    | 33.0000  | 7.92    | _____     |
| IRRIGATION LABOR         |       |         |          |         |           |
| Implements               | hour  | 14.53   | 0.0062   | 0.09    | _____     |
| LA Hired Labor           |       |         |          |         |           |
| Tractors                 | hour  | 14.53   | 0.2930   | 4.27    | _____     |
| LA Irrigation Labor      |       |         |          |         |           |
| Special Labor            | hour  | 14.53   | 0.1500   | 2.17    | _____     |
| DIESEL FUEL              |       |         |          |         |           |
| Tractors                 | gal   | 3.50    | 2.8274   | 9.90    | _____     |
| Engine, RPF, 75          | gal   | 3.50    | 8.5535   | 29.94   | _____     |
| REPAIR & MAINTENANCE     |       |         |          |         |           |
| Implements               | Acre  | 0.43    | 1.0000   | 0.43    | _____     |
| Tractors                 | Acre  | 2.21    | 1.0000   | 2.21    | _____     |
| Well & Pump, Furrow      | each  | 472.80  | 0.0062   | 2.96    | _____     |
| Engine, RPF, 75          | ac-in | 0.39    | 10.5000  | 4.20    | _____     |
| INTEREST ON OP. CAP.     | Acre  | 1.78    | 1.0000   | 1.78    | _____     |
| TOTAL DIRECT EXPENSES    |       |         |          | 65.87   | _____     |
| FIXED EXPENSES           |       |         |          |         |           |
| Implements               | Acre  | 1.52    | 1.0000   | 1.52    | _____     |
| Tractors                 | Acre  | 17.08   | 1.0000   | 17.08   | _____     |
| Well & Pump, Furrow      | each  | 1924.92 | 0.0062   | 12.03   | _____     |
| Main Line Pipe           | each  | 1064.08 | 0.0062   | 6.65    | _____     |
| Land Forming (\$300)     | each  | 38.10   | 1.0000   | 38.11   | _____     |
| Engine, RPF, 75          | each  | 1891.51 | 0.0062   | 11.82   | _____     |
| TOTAL FIXED EXPENSES     |       |         |          | 87.21   | _____     |
| TOTAL SPECIFIED EXPENSES |       |         |          | 153.08  | _____     |

Appendix Table 2 Estimated costs per Acre  
Center pivot irrigation system, 1/4 mile  
applying 7.5 inches in three applications Louisiana, 2024.

| ITEM                     | UNIT  | PRICE   | QUANTITY | AMOUNT  | YOUR FARM |
|--------------------------|-------|---------|----------|---------|-----------|
|                          |       | dollars |          | dollars |           |
| DIRECT EXPENSES          |       |         |          |         |           |
| LA Hired Labor           |       |         |          |         |           |
| Special Labor            | hour  | 14.53   | 0.2036   | 2.95    | _____     |
| DIESEL FUEL              |       |         |          |         |           |
| Engine, 1/4 CP, 65       | gal   | 3.50    | 11.2011  | 39.20   | _____     |
| REPAIR & MAINTENANCE     |       |         |          |         |           |
| Well & Pump, 1/4 CP      | each  | 472.80  | 0.0074   | 3.50    | _____     |
| Engine, 1/4 CP, 65       | ac-in | 0.66    | 7.5000   | 4.97    | _____     |
| Pivot, 1/4 CP            | 1320' | 1820.00 | 0.0074   | 13.48   | _____     |
| INTEREST ON OP. CAP.     | Acre  | 2.03    | 1.0000   | 2.03    | _____     |
| TOTAL DIRECT EXPENSES    |       |         |          | 66.13   | _____     |
| FIXED EXPENSES           |       |         |          |         |           |
| Well & Pump, 1/4 CP      | each  | 1924.92 | 0.0074   | 14.26   | _____     |
| Engine, 1/4 CP, 65       | each  | 1891.51 | 0.0074   | 14.01   | _____     |
| Pivot, 1/4 CP            | each  | 9616.05 | 0.0074   | 71.23   | _____     |
| TOTAL FIXED EXPENSES     |       |         |          | 99.50   | _____     |
| TOTAL SPECIFIED EXPENSES |       |         |          | 165.63  | _____     |

Appendix Table 3. Operating Inputs: Estimated Prices for 2024.

| ITEM NAME             | UNIT | PRICE |
|-----------------------|------|-------|
| dollars               |      |       |
| ADJUVANTS             |      |       |
| Surfactant            | pt   | 3.30  |
| CUSTOM FERT/LIME      |      |       |
| Lime (Spread)         | ton  | 65.00 |
| CUSTOM HARVEST/HAUL   |      |       |
| 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 SW   | cwt  | 5.60  |
| Plant by Air          | cwt  | 8.00  |
| CUSTOM SPRAY          |      |       |
| App 2,4-D Helicopter  | appl | 0.00  |
| App by Air ( 1 gal)   | appl | 2.50  |
| App by Air ( 2 gal)   | appl | 9.00  |
| App by Air ( 3 gal)   | appl | 6.87  |
| App by Air ( 5 gal)   | appl | 8.11  |
| App by Air (10 gal)   | appl | 10.57 |
| App Furadan by Air    | appl | 0.00  |
| App Ordram by Air     | appl | 0.00  |
| 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  | 26.00 |
| Anhy Ammonia (82% N)  | cwt  | 28.00 |
| Boron (Solubor)       | lb   | 0.75  |
| Crop Oil ( Seed Oil)  | pt   | 2.90  |
| DAP                   | cwt  | 47.21 |
| Fert 0-20-20          | cwt  | 0.00  |
| Fert 10-10-10         | cwt  | 0.00  |
| Fert 10-34-0          | cwt  | 40.00 |
| Fert 10-34-0          | gal  | 4.66  |
| Fert 13-13-13         | cwt  | 0.00  |
| Fert 41-0-0-4         | cwt  | 38.00 |
| Fert 5-20-20          | cwt  | 0.00  |
| Haul Corn             | bu   | 0.23  |
| Haul Cotton           | lb   | 0.02  |
| LA Nitrogen           | lb   | 0.59  |
| LA Phosphate          | lb   | 0.75  |
| LA Potash             | lb   | 0.43  |
| Phosphorus (46% P2O5) | cwt  | 39.25 |
| Potash (60% K2O)      | cwt  | 36.20 |
| Sulfur                | lb   | 0.34  |
| UAN (32% N)           | cwt  | 36.15 |
| UAN + Sulfur (28% N)  | cwt  | 31.10 |
| Urea, Solid (46% N)   | cwt  | 31.69 |
| Zinc                  | lb   | 0.50  |
| FUNGICIDES            |      |       |
| Apron Maxx RTA        | oz   | 1.02  |
| Apron XL              | oz   | 6.98  |
| Apron XL LS           | oz   | 5.27  |
| Benlate 50 WP         | lb   | 15.95 |
| Captan 4L             | pt   | 4.50  |
| Captan 50 WP          | lb   | 6.13  |
| Crop Oil (Petroleum)  | pt   | 2.90  |
| Cruiser 5FS           | oz   | 0.90  |
| Fungicide             | lb   | 2.82  |
| Gem 25 WG             | oz   | 3.70  |
| Manzate 75 DF         | lb   | 4.86  |
| Manzate Flowable      | pt   | 4.60  |
| Moncut 70 DF          | lb   | 32.81 |
| Quadris               | oz   | 6.25  |
| Ridomil GoldPC 10G    | lb   | 2.08  |

Appendix Table 3. Operating inputs: estimated prices Louisiana, 2024.

| ITEM NAME            | UNIT | PRICE   |
|----------------------|------|---------|
|                      |      | dollars |
| FUNGICIDES CONT'D    |      |         |
| Rovral 4F            | pt   | 14.90   |
| Rovral WG            | lb   | 0.00    |
| Shelter              | oz   | 8.50    |
| Stiletto             | oz   | 0.58    |
| Stratego             | pt   | 22.50   |
| 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   | 1.02    |
| 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   | 0.45    |
| Mepex                | oz   | 0.09    |
| PGR IV               | oz   | 1.55    |
| Pix Plus             | oz   | 1.36    |
| 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    |
| Def 6                | pt   | 7.50    |
| Def/Folex            | pt   | 11.25   |
| Dropp 50 WP          | lb   | 45.45   |
| Dropp SC             | oz   | 1.56    |
| Ethephon 6E          | pt   | 3.56    |
| Finish 6             | pt   | 11.74   |
| Folex 6EC            | pt   | 11.25   |
| Ginstar EC           | pt   | 29.72   |
| Gramoxone Extra      | pt   | 5.28    |
| Gramoxone Inteon     | oz   | 0.19    |
| Gramoxone Max        | pt   | 5.28    |
| Leafless             | pt   | 18.56   |
| Prep                 | pt   | 3.84    |
| Sodium Chlorate 3L   | gal  | 3.50    |
| Sodium Chlorate 6L   | gal  | 8.61    |
| HERBICIDES           |      |         |
| 2,4-D Amine 4        | pt   | 2.88    |
| 2,4-D Ester          | pt   | 5.03    |
| AAAtrex 4L           | pt   | 3.00    |
| Accent Gold          | oz   | 6.12    |
| Accent SP            | oz   | 23.39   |
| Aim 2EC              | oz   | 8.13    |
| Aim DF               | oz   | 8.13    |
| Arrosolo             | qt   | 7.88    |
| Assure II            | oz   | 0.74    |
| Atrazine 4L          | pt   | 2.75    |
| Atrazine 90DF        | lb   | 5.09    |
| Authority 75DF       | lb   | 37.75   |
| Axiom 68DF           | lb   | 25.74   |
| Backdraft            | pt   | 2.40    |
| Banvel               | pt   | 10.94   |
| Basagran             | pt   | 5.43    |
| Basis Gold           | lb   | 9.00    |
| Beacon 75% WSP       | oz   | 34.87   |
| Beyond               | oz   | 4.48    |
| Bicep II Magnum      | qt   | 11.80   |

Appendix Table 3. Operating inputs: estimated prices Louisiana, 2024.

| ITEM NAME             | UNIT | PRICE   |
|-----------------------|------|---------|
|                       |      | dollars |
| HERBICIDES CONT'D     |      |         |
| Bicep II zmsgnum      | qt   | 11.18   |
| Blazer Ultra          | pt   | 9.79    |
| Boa                   | pt   | 3.63    |
| Bolero 8EC            | pt   | 7.73    |
| Boundary              | pt   | 12.00   |
| Buctril 4EC           | pt   | 4.28    |
| 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   | 3.52    |
| Canopy 75%            | oz   | 3.25    |
| Canopy XL             | oz   | 3.25    |
| Caparol 4L            | pt   | 4.97    |
| Caparol Accu-Pak      | lb   | 0.00    |
| Celebrity Plus        | lb   | 84.50   |
| Clarity               | pt   | 14.29   |
| Classic               | oz   | 16.67   |
| Clincher EC           | oz   | 2.54    |
| Cobra 2EC             | oz   | 1.50    |
| Command 3ME           | pt   | 17.50   |
| Command XTRA          | pt   | 0.00    |
| Cornerstone           | pt   | 2.50    |
| Cotoran 4L            | pt   | 5.24    |
| 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   | 5.46    |
| Direx 80 DF           | lb   | 6.20    |
| Diuron 4L             | pt   | 4.25    |
| Diuron 80 DF          | lb   | 5.50    |
| DSMA 4                | pt   | 0.90    |
| Dual 8E               | pt   | 0.00    |
| Dual II Magnum        | pt   | 13.25   |
| Dual Magnum           | pt   | 10.75   |
| Duet                  | pt   | 6.09    |
| 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   | 37.99   |
| Flexstar HL           | pt   | 9.75    |
| 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   | 1.33    |
| Fusion                | pt   | 29.86   |
| Glyfos                | pt   | 1.80    |
| Glyphomax             | pt   | 3.49    |
| Glyphosate Plus 4L    | pt   | 4.03    |
| Glystar Plus          | pt   | 2.17    |
| Goal 2XL              | pt   | 10.75   |
| Gramoxone Extra       | pt   | 0.00    |
| Gramoxone Max         | pt   | 5.28    |
| Gramoxone Max         | pt   | 5.28    |
| Grandstand R          | qt   | 18.68   |
| Guardman              | pt   | 4.66    |
| Guardman Max          | pt   | 7.22    |
| Harmony Extra         | oz   | 11.00   |

Appendix Table 3. Operating Inputs: Estimated Prices for 2024.

| ITEM NAME            | UNIT | PRICE   |
|----------------------|------|---------|
|                      |      | dollars |
| HERBICIDES CONT'D    |      |         |
| Hoelon 3EC           | pt   | 11.03   |
| Karmex DF            | lb   | 5.93    |
| LA Asulox/Asulam     | gal  | 46.00   |
| LA Weedmaster        | qt   | 8.50    |
| Lariat               | qt   | 7.58    |
| Lasso 4EC            | qt   | 6.60    |
| Layby Pro            | qt   | 3.87    |
| Londax 60DF          | oz   | 18.08   |
| Lorox 50DF           | lb   | 24.12   |
| Matador              | pt   | 0.00    |
| MSMA 6.6             | pt   | 6.18    |
| MSMA6 + Surfactant   | pt   | 6.18    |
| Newpath 2SL          | oz   | 4.28    |
| Ordram 15-G          | lb   | 1.34    |
| Ordram 8-E           | pt   | 9.42    |
| Outlook              | pt   | 14.77   |
| Pendimax 3.3         | pt   | 2.47    |
| Permit 75DF          | oz   | 19.50   |
| Poast 1.53           | pt   | 12.77   |
| Poast Plus           | pt   | 9.69    |
| Propanil 4E          | qt   | 5.15    |
| Prowl 3.3 EC         | pt   | 5.56    |
| Pursuit DG           | oz   | 11.59   |
| Pursuit Plus EC      | pt   | 7.10    |
| Python WDG           | oz   | 15.10   |
| Raptor               | oz   | 4.38    |
| Reflex 2LC           | pt   | 7.34    |
| Regiment 80WP        | oz   | 4.38    |
| Remedy               | pt   | 8.45    |
| Resource .86EC       | pt   | 26.88   |
| Ricestar             | pt   | 26.01   |
| Roundup Original     | pt   | 6.00    |
| Roundup Original Max | oz   | 0.38    |
| Roundup Power Max    | pt   | 7.50    |
| 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   | 0.94    |
| Sencor 4F            | pt   | 14.74   |
| Sencor DF            | lb   | 23.95   |
| Squadron CE          | pt   | 12.50   |
| Stam 4E              | qt   | 8.00    |
| Stam 80 EDF          | lb   | 9.45    |
| Staple 85%           | oz   | 3.95    |
| Staple Plus          | oz   | 8.55    |
| Steadfast            | oz   | 12.26   |
| Touchdown            | qt   | 10.21   |
| Touchdown 4 IQ       | pt   | 3.33    |
| Touchdown Total      | qt   | 10.21   |
| Treflan HFP          | pt   | 4.36    |
| Treflan TR-10        | lb   | 1.10    |
| Tri-Scept            | pt   | 5.24    |
| Trifluralin 4EC      | pt   | 4.36    |
| Trilin 10G           | lb   | 0.79    |
| Trilin 4EC           | pt   | 2.12    |
| Typhoon              | qt   | 13.06   |
| Valor WP             | oz   | 3.20    |
| Whip 360             | pt   | 25.08   |
| Zorial Rapid 80DF    | lb   | 14.10   |

Appendix Table 3. Operating Inputs: Estimated Prices for 2024.

| ITEM NAME             | UNIT | PRICE   |
|-----------------------|------|---------|
|                       |      | dollars |
| INSECTICIDES          |      |         |
| Acephate 90SP         | lb   | 8.25    |
| Admire 2 Flowable     | oz   | 2.56    |
| Ammo 2.5 EC           | oz   | 0.85    |
| App Fert by Air (Min) | appl | 7.50    |
| Asana .66 XL          | oz   | 0.62    |
| Aztec 2.1% G          | lb   | 3.88    |
| Baythroid 2           | oz   | 2.58    |
| Belt                  | oz   | 6.41    |
| Besiege               | oz   | 2.75    |
| Bidrin 8L             | oz   | 1.51    |
| Brigade EC            | pt   | 20.27   |
| Brigade WSB           | lb   | 26.04   |
| Capture 2EC           | oz   | 1.37    |
| Centric 40WG          | oz   | 5.95    |
| Comite                | pt   | 8.45    |
| Condor XL             | pt   | 0.00    |
| Confirm 2F            | oz   | 1.88    |
| Counter 15G           | lb   | 4.51    |
| Counter CR            | lb   | 2.65    |
| 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   |
| Diamond .83EC         | pt   | 20.16   |
| Dimethoate 4E         | pt   | 13.50   |
| Dimilin 2L            | oz   | 1.63    |
| 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    |
| Gaucha 480            | oz   | 5.80    |
| Intrepid 2F           | oz   | 1.99    |
| Intruder 70WP         | oz   | 1.80    |
| Karate Z              | oz   | 1.41    |
| Lannate LV            | pt   | 8.33    |
| 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   | 6.43    |
| 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   | 1.18    |
| Orthene 90S           | lb   | 7.00    |
| Orthene 97            | lb   | 29.33   |
| Ovasyn                | pt   | 0.00    |
| Pennacap M            | pt   | 6.71    |
| Phaser 3E             | qt   | 8.13    |
| Pounce 25WP           | lb   | 19.96   |
| Pounce 3.2 EC         | oz   | 0.34    |
| Prevathon             | oz   | 1.05    |
| Provado 1.6F          | oz   | 1.94    |
| Scout X-TRA           | oz   | 0.00    |
| Sevin 80S             | lb   | 7.40    |
| Sevin XLR Plus        | qt   | 17.53   |
| Sivanto               | oz   | 2.50    |
| Spintor 2SC           | oz   | 4.93    |

Appendix Table 3. Operating Inputs: Estimated Prices for 2024.

| ITEM NAME            | UNIT   | PRICE   |
|----------------------|--------|---------|
|                      |        | dollars |
| INSECTICIDES CONT'D  |        |         |
| 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    |
| Transform            | oz     | 7.81    |
| Trimax               | oz     | 1.85    |
| Vydate C-LV          | oz     | 0.93    |
| Warrior Z            | oz     | 1.80    |
| Warrior ZT           | oz     | 3.02    |
| 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  | 3.61    |
| Corn Seed BtRR       | thous  | 3.61    |
| Corn Seed Conv.      | thous  | 3.80    |
| Corn Seed RR         | thous  | 4.26    |
| Corn Seed VT3        | thous  | 3.91    |
| Corn Seed VT3Pro     | thous  | 3.91    |
| Cotton Seed BG/RR    | thous  | 0.62    |
| Cotton Seed BGII/RRF | thous  | 2.70    |
| Cotton Seed Bt       | thous  | 2.60    |
| 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 Liberty  | thous  | 1.05    |
| Cotton Seed RR       | thous  | 0.63    |
| Cotton Seed RR       | thous  | 0.63    |
| Cotton Seed WS       | thous  | 0.49    |
| Cotton Seed WS/RR    | thous  | 0.00    |
| Cotton Seed WS/RRF   | thous  | 0.59    |
| Rice Clearfield 161  | lb     | 1.30    |
| Rice Clearfield XL8  | lb     | 6.12    |
| Rice Seed (Levees)   | lb     | 0.90    |
| Rice Seed CF(Levees) | lb     | 1.30    |
| Rice Seed Conv.      | lb     | 0.39    |
| Rice Seed Hybrid     | lb     | 5.66    |
| SC Cultured seedcane | acre   | 665.00  |
| Sorghum Concept      | lb     | 2.84    |
| Sorghum Hybrid Sudax | lb     | 1.20    |
| Sorghum NonConcept   | lb     | 1.18    |
| Soybean Seed LL      | lb     | 1.16    |
| Soybean Seed Private | lb     | 0.38    |
| Soybean Seed Public  | lb     | 0.00    |
| Soybean Seed RR      | lb     | 1.12    |
| Soybean Seed Stack   | lb     | 1.28    |
| Wheat Seed Private   | lb     | 0.34    |
| SERVICE FEE          |        |         |
| Cotton Checkoff      | bale   | 2.56    |
| Cotton Storage       | bale   | 25.00   |
| Crop Consultant      | acre   | 9.00    |
| Custom Apply         | acre   | 8.00    |
| Custom Combine Rice  | acre   | 0.00    |
| Custom Spread(Truc   | appl   | 4.50    |
| Digital Ag Fee       | acre   | 10.00   |
| Insect Scouting      | acre   | 7.00    |
| LARice Air Plant NE  | cwt    | 5.50    |
| Rice Consultant      | acre   | 9.00    |

Appendix Table 3. Operating Inputs: Estimated Prices for 2024.

| ITEM NAME            | UNIT   | PRICE |
|----------------------|--------|-------|
| dollars              |        |       |
| SERVICE FEE CONT'D   |        |       |
| RRF Cotton Tech Fee  | cap/ac | 48.25 |
| SC Treating Charge   | acre   | 0.00  |
| Soil Test            | acre   | 10.00 |
| 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 |
| BGII/RRF Cot Tech Fe | thous  | 1.49  |
| BGII/RRF Cot Tech Fe | cap/ac | 62.69 |
| 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 |
| RR Cotton Tech Fee   | thous  | 1.04  |
| RR Cotton Tech Fee   | cap/ac | 43.66 |
| RRF Cotton Tech Fee  | thous  | 1.04  |

Appendix Table 4. Tractors: estimated purchase price, annual use, useful life, fuel use, and direct and fixed cost per hour, Louisiana 2024.

| 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 (200-249 hp)  | 240hp      | 161,548        | 300        | 8           | 12.35    | 17.94 | 43.22 | 16.82 | 77.99             | 80.57  | 158.56     |
| Combine (225-274 hp)  | Track250hp | 0              | 300        | 8           | 12.87    | 17.94 | 45.04 | 0.00  | 62.98             | 0.00   | 62.98      |
| Combine (250-299 hp)  | 275hp      | 463,000        | 300        | 8           | 14.15    | 17.94 | 49.52 | 48.22 | 115.69            | 230.93 | 346.62     |
| Combine (250-299hp)   | Grass295hp | 218,222        | 300        | 8           | 15.18    | 17.94 | 53.13 | 22.73 | 93.80             | 108.84 | 202.64     |
| Combine (275-299 hp)  | Track290hp | 0              | 300        | 8           | 14.93    | 17.94 | 52.25 | 0.00  | 70.19             | 0.00   | 70.19      |
| Combine (300-349 hp)  | 325hp      | 468,000        | 300        | 8           | 16.73    | 17.94 | 58.55 | 48.75 | 125.24            | 233.42 | 358.67     |
| Combine (300-349hp)   | Track320hp | 0              | 300        | 8           | 16.47    | 17.94 | 57.64 | 0.00  | 75.58             | 0.00   | 75.58      |
| Combine (350-379 hp)  | 370hp      | 500,000        | 300        | 8           | 19.04    | 17.94 | 66.64 | 52.08 | 136.66            | 249.38 | 386.04     |
| Combine (350-379 hp)  | Track365hp | 0              | 300        | 8           | 18.79    | 17.94 | 65.76 | 0.00  | 83.70             | 0.00   | 83.70      |
| Cotton Stripper       | 173hp      | 170,000        | 200        | 8           | 8.08     | 17.94 | 28.28 | 26.56 | 72.78             | 127.18 | 199.96     |
| Tractor ( 40-59hp)Cab | 2WD 50     | 39,900         | 600        | 8           | 2.57     | 14.53 | 9.00  | 1.24  | 24.78             | 9.33   | 34.12      |
| Tractor ( 40-59hp)Cab | MFWD 50    | 50,300         | 600        | 8           | 2.57     | 14.53 | 9.00  | 1.57  | 25.10             | 11.77  | 36.87      |
| Tractor ( 40-59hp)RB  | 2WD 50     | 28,100         | 600        | 8           | 2.57     | 14.53 | 9.00  | 0.87  | 24.41             | 6.57   | 30.99      |
| Tractor ( 40-59hp)RB  | MFWD 50    | 33,900         | 600        | 8           | 2.57     | 14.53 | 9.00  | 1.05  | 24.59             | 7.93   | 32.52      |
| Tractor ( 60-89hp)CAB | 2WD 75     | 64,000         | 600        | 8           | 3.86     | 14.53 | 13.51 | 2.00  | 30.04             | 14.97  | 45.01      |
| Tractor ( 60-89hp)CAB | MFWD 75    | 74,900         | 600        | 8           | 3.86     | 14.53 | 13.51 | 2.34  | 30.38             | 17.52  | 47.90      |
| Tractor ( 60-89hp)RB  | 2WD 75     | 59,800         | 600        | 8           | 3.86     | 14.53 | 13.51 | 1.86  | 29.91             | 13.99  | 43.90      |
| Tractor ( 60-89hp)RB  | MFWD 75    | 53,500         | 600        | 8           | 3.86     | 14.53 | 13.51 | 1.67  | 29.71             | 12.51  | 42.23      |
| Tractor ( 90-119hp)CB | 2WD 105    | 94,400         | 600        | 8           | 5.40     | 14.53 | 18.91 | 2.95  | 36.39             | 22.08  | 58.48      |
| Tractor ( 90-119hp)CB | MFWD 105   | 103,500        | 600        | 8           | 5.40     | 14.53 | 18.91 | 3.23  | 36.68             | 24.21  | 60.89      |
| Tractor ( 90-119hp)RB | 2WD 105    | 84,000         | 600        | 8           | 5.40     | 14.53 | 18.91 | 2.62  | 36.07             | 19.65  | 55.72      |
| Tractor ( 90-119hp)RB | MFWD 105   | 90,700         | 600        | 8           | 5.40     | 14.53 | 18.91 | 2.83  | 36.28             | 21.22  | 57.50      |
| Tractor (120-139hp)CB | 2WD 130    | 135,400        | 600        | 8           | 6.69     | 14.53 | 23.41 | 4.23  | 42.18             | 31.68  | 73.86      |
| Tractor (120-139hp)CB | MFWD 130   | 170,900        | 600        | 8           | 6.69     | 14.53 | 23.41 | 5.34  | 43.29             | 39.99  | 83.28      |
| Tractor (140-159hp)CB | 2WD 150    | 137,500        | 600        | 8           | 7.72     | 14.53 | 27.02 | 4.29  | 45.85             | 32.17  | 78.02      |
| Tractor (140-159hp)CB | MFWD 150   | 171,000        | 600        | 8           | 7.72     | 14.53 | 27.02 | 5.34  | 46.89             | 40.01  | 86.91      |
| Tractor (160-179hp)CB | 2WD 170    | 166,000        | 600        | 8           | 8.75     | 14.53 | 30.62 | 5.18  | 50.34             | 40.12  | 90.46      |
| Tractor (160-179hp)CB | MFWD 170   | 201,000        | 600        | 8           | 8.75     | 14.53 | 30.62 | 6.28  | 51.43             | 48.58  | 100.01     |
| Tractor (160-199hp)CB | Track 180  | 142,710        | 600        | 8           | 9.26     | 14.53 | 32.42 | 4.45  | 51.41             | 34.49  | 85.90      |
| Tractor (180-199hp)CB | 2WD 190    | 143,000        | 600        | 8           | 9.77     | 14.53 | 34.22 | 4.46  | 53.22             | 34.56  | 87.78      |
| Tractor (180-199hp)CB | MFWD 190   | 246,000        | 600        | 8           | 9.77     | 14.53 | 34.22 | 7.68  | 56.44             | 59.45  | 115.90     |
| Tractor (200-249hp)CB | 4WD 225    | 147,066        | 600        | 8           | 11.58    | 14.53 | 40.53 | 4.59  | 59.66             | 35.54  | 95.20      |
| Tractor (200-249hp)CB | MFWD 225   | 309,000        | 600        | 8           | 11.58    | 14.53 | 40.53 | 9.65  | 64.72             | 74.68  | 139.40     |
| Tractor (200-249hp)CB | Track 225  | 277,000        | 600        | 8           | 11.58    | 14.53 | 40.53 | 8.65  | 63.72             | 66.94  | 130.66     |
| Tractor (250-349hp)CB | 4WD 300    | 432,000        | 600        | 8           | 15.44    | 14.53 | 54.04 | 13.50 | 82.07             | 104.41 | 186.48     |
| Tractor (250-349hp)CB | Track 300  | 329,000        | 600        | 8           | 15.44    | 14.53 | 54.04 | 10.28 | 78.85             | 79.51  | 158.37     |
| Tractor (350-449hp)CB | 4WD 400    | 480,000        | 600        | 8           | 20.58    | 14.53 | 72.06 | 15.00 | 101.59            | 116.01 | 217.60     |
| Tractor (350-449hp)CB | Track 400  | 625,000        | 600        | 8           | 20.58    | 14.53 | 72.06 | 19.53 | 106.12            | 151.05 | 257.17     |
| Tractor (450-uphp)CB  | TRACK-475  | 279,879        | 600        | 8           | 24.44    | 14.53 | 85.57 | 8.74  | 108.84            | 67.64  | 176.49     |

Appendix Table 5. Self-propelled machines: estimated purchase price, annual use, useful life, fuel use, performance rate, and direct and fixed cost per acre, Louisiana 2024.

| 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/acre   |       |       |       | \$/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'         | 9,360          | 100        | 8           | 1.00     | 0.200     | 3.58  | 0.64  | 0.46  | 4.69         | 2.71   | 7.41       |
| 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     | 16.87 | 14.69 | 11.76 | 43.33        | 56.33  | 99.67      |
| Cotton Picker-1st-BB  | 4R2X1260hp  | 317,399        | 200        | 8           | 13.33    | 0.172     | 5.59  | 8.03  | 8.54  | 22.17        | 40.91  | 63.09      |
| Cotton Picker-1st-BB  | 4R30"250hp  | 262,000        | 200        | 8           | 12.86    | 0.327     | 10.63 | 14.74 | 13.40 | 38.77        | 64.17  | 102.94     |
| Cotton Picker-1st-BB  | 4R30"325hp  | 350,000        | 200        | 8           | 18.01    | 0.327     | 10.63 | 20.63 | 17.90 | 49.17        | 85.72  | 134.89     |
| Cotton Picker-1st-BB  | 4R38"255hp  | 268,000        | 200        | 8           | 13.12    | 0.257     | 8.37  | 11.84 | 10.79 | 31.00        | 51.68  | 82.69      |
| Cotton Picker-1st-BB  | 4R38"325hp  | 351,000        | 200        | 8           | 18.01    | 0.257     | 8.37  | 16.24 | 14.13 | 38.75        | 67.69  | 106.45     |
| Cotton Picker-1st-BB  | 5R30"255hp  | 285,000        | 200        | 8           | 12.86    | 0.261     | 8.50  | 11.78 | 11.66 | 31.95        | 55.84  | 87.79      |
| Cotton Picker-1st-BB  | 5R38"250hp  | 284,601        | 200        | 8           | 12.86    | 0.207     | 6.72  | 9.33  | 9.21  | 25.27        | 44.11  | 69.39      |
| Cotton Picker-1st-BB  | 6R30"255hp  | 465,000        | 200        | 8           | 18.27    | 0.218     | 7.08  | 13.95 | 15.85 | 36.89        | 75.92  | 112.82     |
| Cotton Picker-1st-BB  | 6R38"330hp  | 465,000        | 200        | 8           | 18.27    | 0.172     | 5.59  | 11.01 | 12.51 | 29.13        | 59.94  | 89.07      |
| Cotton Picker-1st-Tr  | 2R38"157hp  | 144,912        | 200        | 8           | 8.08     | 0.519     | 16.87 | 14.69 | 11.76 | 43.33        | 56.33  | 99.67      |
| Cotton Picker-1st-Tr  | 4R2X1255hp  | 322,137        | 200        | 8           | 18.01    | 0.172     | 5.59  | 10.86 | 8.67  | 25.13        | 41.52  | 66.66      |
| Cotton Picker-1st-Tr  | 4R30"250hp  | 261,825        | 200        | 8           | 12.86    | 0.327     | 10.63 | 14.74 | 13.39 | 38.76        | 64.12  | 102.89     |
| Cotton Picker-1st-Tr  | 4R30"325hp  | 311,088        | 200        | 8           | 16.72    | 0.327     | 10.63 | 19.16 | 15.91 | 45.71        | 76.19  | 121.90     |
| Cotton Picker-1st-Tr  | 4R38"255hp  | 268,000        | 200        | 8           | 13.12    | 0.257     | 8.37  | 11.84 | 10.79 | 31.00        | 51.68  | 82.69      |
| Cotton Picker-1st-Tr  | 4R38"325hp  | 351,000        | 200        | 8           | 18.01    | 0.257     | 8.37  | 16.24 | 14.13 | 38.75        | 67.69  | 106.45     |
| Cotton Picker-1st-Tr  | 5R30"255hp  | 285,303        | 200        | 8           | 13.12    | 0.261     | 8.50  | 12.03 | 11.67 | 32.21        | 55.90  | 88.11      |
| Cotton Picker-1st-Tr  | 5R38"250hp  | 290,471        | 200        | 8           | 12.86    | 0.207     | 6.72  | 9.33  | 9.40  | 25.46        | 45.02  | 70.49      |
| Cotton Picker-1st-Tr  | 6R30"325hp  | 465,000        | 200        | 8           | 16.72    | 0.218     | 7.08  | 12.77 | 15.85 | 35.72        | 75.92  | 111.65     |
| Cotton Picker-1st-Tr  | 6R38"330hp  | 465,000        | 200        | 8           | 18.01    | 0.172     | 5.59  | 10.86 | 12.51 | 28.97        | 59.94  | 88.92      |
| Cotton Picker-2nd-BB  | 2R38"157hp  | 144,912        | 200        | 8           | 8.08     | 0.440     | 14.29 | 12.44 | 9.96  | 36.70        | 47.72  | 84.43      |
| Cotton Picker-2nd-BB  | 4R2x1260hp  | 322,187        | 200        | 8           | 18.01    | 0.145     | 4.73  | 9.20  | 7.34  | 21.28        | 35.18  | 56.46      |
| Cotton Picker-2nd-BB  | 4R30"250hp  | 261,825        | 200        | 8           | 12.86    | 0.277     | 9.00  | 12.48 | 11.34 | 32.83        | 54.32  | 87.15      |
| Cotton Picker-2nd-BB  | 4R30"325hp  | 311,088        | 200        | 8           | 16.72    | 0.277     | 9.00  | 16.23 | 13.47 | 38.72        | 64.54  | 103.26     |
| Cotton Picker-2nd-BB  | 4R38"255hp  | 268,000        | 200        | 8           | 13.12    | 0.218     | 7.08  | 10.03 | 9.14  | 26.26        | 43.78  | 70.04      |
| Cotton Picker-2nd-BB  | 4R38"325hp  | 351,000        | 200        | 8           | 18.01    | 0.218     | 7.08  | 13.76 | 11.97 | 32.82        | 57.33  | 90.16      |
| Cotton Picker-2nd-BB  | 5R30"255hp  | 285,303        | 200        | 8           | 13.12    | 0.221     | 7.20  | 10.19 | 9.88  | 27.28        | 47.35  | 74.63      |
| Cotton Picker-2nd-BB  | 5R38"250hp  | 284,601        | 200        | 8           | 12.86    | 0.175     | 5.69  | 7.90  | 7.80  | 21.40        | 37.37  | 58.77      |
| Cotton Picker-2nd-BB  | 6R30"325hp  | 465,000        | 200        | 8           | 18.01    | 0.184     | 6.00  | 11.65 | 13.43 | 31.08        | 64.31  | 95.40      |
| Cotton Picker-2nd-Tr  | 6R38"330hp  | 465,000        | 200        | 8           | 18.01    | 0.145     | 4.73  | 9.19  | 10.60 | 24.54        | 50.77  | 75.31      |
| Cotton Picker/Module  | 6R-30 (500) | 854,000        | 200        | 8           | 25.73    | 0.218     | 7.08  | 19.65 | 29.12 | 55.86        | 139.44 | 195.31     |
| LA Pickup Truck       | 1/2 ton     | 28,000         | 800        | 5           | 2.50     | 1.000     | 14.53 | 8.02  | 3.15  | 25.70        | 8.29   | 33.99      |
| LA Rice Combine       | 25 ft       | 181,500        | 300        | 10          | 8.60     | 0.300     | 5.92  | 9.03  | 14.53 | 29.49        | 26.46  | 55.96      |
| LA Rice Combine-2     | 25 ft       | 181,500        | 300        | 10          | 8.60     | 0.300     | 5.92  | 9.03  | 14.53 | 29.49        | 26.46  | 55.96      |
| LARice Combine Med    | 20 ft       | 165,000        | 300        | 10          | 7.10     | 0.210     | 4.14  | 5.22  | 9.24  | 18.61        | 16.83  | 35.44      |
| Levee Sprayer         | 27'         | 30,768         | 350        | 8           | 2.57     | 0.038     | 0.96  | 0.34  | 0.06  | 1.37         | 0.50   | 1.87       |
| Sprayer( 300-450Gal)  | 60'         | 103,000        | 350        | 8           | 5.66     | 0.017     | 0.44  | 0.34  | 0.09  | 0.89         | 0.77   | 1.66       |
| Sprayer( 300-450Gal)  | 80'         | 103,000        | 350        | 8           | 5.66     | 0.013     | 0.33  | 0.26  | 0.07  | 0.66         | 0.58   | 1.25       |
| Sprayer( 600-750Gal)  | 60'         | 216,000        | 350        | 8           | 10.29    | 0.017     | 0.44  | 0.63  | 0.20  | 1.28         | 1.62   | 2.91       |
| Sprayer( 600-825Gal)  | 80'         | 268,000        | 350        | 8           | 10.29    | 0.013     | 0.33  | 0.47  | 0.18  | 0.99         | 1.51   | 2.51       |
| Sprayer( 600-825Gal)  | 90'         | 331,000        | 350        | 8           | 10.29    | 0.011     | 0.29  | 0.42  | 0.20  | 0.92         | 1.66   | 2.59       |
| Sprayer(1000-1400Gal) | 90'         | 363,000        | 350        | 8           | 14.15    | 0.014     | 0.35  | 0.69  | 0.27  | 1.32         | 2.18   | 3.51       |
| Sprayer(1200PlusGal)  | 120'        | 472,000        | 350        | 8           | 15.44    | 0.008     | 0.22  | 0.47  | 0.22  | 0.92         | 1.77   | 2.69       |

Appendix Table 6. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana 2024.

| Item Name            | Size       | Power Unit | Purchase Price | Annual Use | Useful Life | Perf Rate | Labor | Fuel  | ---R&M--- | Total Direct | ---Fixed--- | Total Cost |
|----------------------|------------|------------|----------------|------------|-------------|-----------|-------|-------|-----------|--------------|-------------|------------|
|                      |            |            | dollars        | hours      | years       | hr/ac     |       |       | Imp. P.U. | \$/acre      | Imp. P.U.   |            |
| Blade-Box            | 6'         | 2WD 130    | 2,070          | 200        | 20          | 0.020     | 0.29  | 0.46  | 0.01 0.08 | 0.86         | 0.02 0.63   | 1.51       |
| 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     | 17.09 | 10.59 | 0.70 1.03 | 29.43        | 0.76 7.73   | 37.93      |
| Blade-Scraper        | 10'        | 2WD 50     | 3,870          | 200        | 20          | 1.176     | 17.09 | 10.59 | 2.16 1.03 | 30.88        | 2.33 7.73   | 40.95      |
| 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     | 7.55  | 17.78 | 3.96 3.99 | 33.29        | 10.20 30.89 | 74.39      |
| Boll Buggy-1st pick  | 4R2x1260hp | MFWD 190   | 30,500         | 200        | 10          | 0.172     | 2.50  | 5.89  | 1.31 1.32 | 11.04        | 3.38 10.24  | 24.67      |
| Boll Buggy-1st pick  | 4R30"255hp | MFWD 190   | 30,500         | 200        | 10          | 0.327     | 4.75  | 11.20 | 2.49 2.51 | 20.97        | 6.43 19.46  | 46.87      |
| Boll Buggy-1st pick  | 4R30"325hp | MFWD 190   | 30,500         | 200        | 10          | 0.327     | 4.75  | 11.20 | 2.49 2.51 | 20.97        | 6.43 19.46  | 46.87      |
| Boll Buggy-1st pick  | 4R38"255hp | MFWD 190   | 30,500         | 200        | 10          | 0.257     | 3.74  | 8.82  | 1.96 1.98 | 16.51        | 5.06 15.32  | 36.90      |
| Boll Buggy-1st pick  | 4R38"325hp | MFWD 190   | 30,500         | 200        | 10          | 0.257     | 3.74  | 8.82  | 1.96 1.98 | 16.51        | 5.06 15.32  | 36.90      |
| Boll Buggy-1st pick  | 5R30"255hp | MFWD 190   | 30,500         | 200        | 10          | 0.261     | 3.80  | 8.96  | 1.99 2.01 | 16.78        | 5.14 15.57  | 37.49      |
| Boll Buggy-1st pick  | 5R38"255hp | MFWD 190   | 30,500         | 200        | 10          | 0.207     | 3.01  | 7.09  | 1.57 1.59 | 13.27        | 4.07 12.31  | 29.66      |
| Boll Buggy-1st pick  | 6R30"325hp | MFWD 190   | 30,500         | 200        | 10          | 0.218     | 3.17  | 7.47  | 1.66 1.67 | 13.98        | 4.28 12.97  | 31.24      |
| Boll Buggy-1st pick  | 6R38"325hp | MFWD 190   | 30,500         | 200        | 10          | 0.172     | 2.50  | 5.89  | 1.31 1.32 | 11.04        | 3.38 10.24  | 24.67      |
| Boll Buggy-2nd pick  | 2R38"157hp | MFWD 190   | 30,500         | 200        | 10          | 0.440     | 6.39  | 15.06 | 3.35 3.38 | 28.20        | 8.64 26.17  | 63.02      |
| Boll Buggy-2nd pick  | 4R2x1260hp | MFWD 190   | 30,500         | 200        | 10          | 0.145     | 2.12  | 4.99  | 1.11 1.12 | 9.35         | 2.86 8.67   | 20.89      |
| Boll Buggy-2nd pick  | 4R30"255hp | MFWD 190   | 30,500         | 200        | 10          | 0.277     | 4.02  | 9.49  | 2.11 2.13 | 17.76        | 5.44 16.48  | 39.70      |
| Boll Buggy-2nd pick  | 4R30"325hp | MFWD 190   | 30,500         | 200        | 10          | 0.277     | 4.02  | 9.49  | 2.11 2.13 | 17.76        | 5.44 16.48  | 39.70      |
| Boll Buggy-2nd pick  | 4R38 255hp | MFWD 190   | 30,500         | 200        | 10          | 0.218     | 3.17  | 7.47  | 1.66 1.67 | 13.99        | 4.28 12.98  | 31.26      |
| Boll Buggy-2nd pick  | 4R38 325hp | MFWD 190   | 30,500         | 200        | 10          | 0.218     | 3.17  | 7.47  | 1.66 1.67 | 13.99        | 4.28 12.98  | 31.26      |
| Boll Buggy-2nd pick  | 5R30"255hp | MFWD 190   | 30,500         | 200        | 10          | 0.221     | 3.22  | 7.59  | 1.69 1.70 | 14.21        | 4.35 13.19  | 31.76      |
| Boll Buggy-2nd pick  | 5R38"255hp | MFWD 190   | 30,500         | 200        | 10          | 0.175     | 2.55  | 6.00  | 1.33 1.34 | 11.24        | 3.44 10.43  | 25.12      |
| Boll Buggy-2nd pick  | 6R30"325hp | MFWD 190   | 30,500         | 200        | 10          | 0.184     | 2.68  | 6.32  | 1.40 1.42 | 11.84        | 3.63 10.99  | 26.46      |
| Boll Buggy-2nd pick  | 6R38"325hp | MFWD 190   | 30,500         | 200        | 10          | 0.145     | 2.12  | 4.99  | 1.11 1.12 | 9.35         | 2.86 8.67   | 20.89      |
| Boll Buggy-Stripper  | 13' Bcast  | MFWD 150   | 30,500         | 200        | 10          | 0.251     | 3.65  | 6.80  | 1.92 1.34 | 13.73        | 4.94 10.07  | 28.75      |
| Boll Buggy-Stripper  | 16' Bcast  | MFWD 150   | 30,500         | 200        | 10          | 0.204     | 2.97  | 5.52  | 1.56 1.09 | 11.15        | 4.01 8.18   | 23.36      |
| Boll Buggy-Stripper  | 19' Bcast  | MFWD 150   | 30,500         | 200        | 10          | 0.172     | 2.50  | 4.65  | 1.31 0.92 | 9.39         | 3.38 6.89   | 19.67      |
| Boll Buggy-Stripper  | 4R30"2X1Br | MFWD 150   | 30,500         | 200        | 10          | 0.218     | 3.17  | 5.89  | 1.66 1.16 | 11.89        | 4.28 8.73   | 24.91      |
| Boll Buggy-Stripper  | 4R30"Brush | MFWD 150   | 30,500         | 200        | 10          | 0.327     | 4.75  | 8.84  | 2.49 1.74 | 17.84        | 6.43 13.09  | 37.38      |
| Boll Buggy-Stripper  | 4R38"2X1Br | MFWD 150   | 30,500         | 200        | 10          | 0.172     | 2.50  | 4.65  | 1.31 0.92 | 9.39         | 3.38 6.89   | 19.67      |
| Boll Buggy-Stripper  | 4R38"Brush | MFWD 150   | 30,500         | 200        | 10          | 0.257     | 3.74  | 6.96  | 1.96 1.37 | 14.05        | 5.06 10.31  | 29.43      |
| Boll Buggy-Stripper  | 5R30"Brush | MFWD 150   | 30,500         | 200        | 10          | 0.261     | 3.80  | 7.07  | 1.99 1.39 | 14.27        | 5.14 10.47  | 29.90      |
| Boll Buggy-Stripper  | 5R38"Brush | MFWD 150   | 30,500         | 200        | 10          | 0.207     | 3.01  | 5.59  | 1.57 1.10 | 11.29        | 4.07 8.29   | 23.65      |
| Boll Buggy-Stripper  | 6R30"Brush | MFWD 150   | 30,500         | 200        | 10          | 0.218     | 3.17  | 5.89  | 1.66 1.16 | 11.89        | 4.28 8.73   | 24.91      |
| Chisel Plow(Folding) | 16'        | 2WD 130    | 22,500         | 150        | 12          | 0.115     | 1.67  | 2.70  | 0.93 0.48 | 5.81         | 2.09 3.66   | 11.56      |
| Chisel Plow(Folding) | 24'        | MFWD 190   | 57,300         | 150        | 12          | 0.076     | 1.11  | 2.61  | 1.58 0.58 | 5.89         | 3.52 4.54   | 13.97      |
| Chisel Plow(Folding) | 32'        | MFWD 225   | 72,800         | 150        | 12          | 0.057     | 0.83  | 2.34  | 1.51 0.55 | 5.25         | 3.38 4.31   | 12.95      |
| Chisel Plow(Folding) | 42'        | MFWD 225   | 86,400         | 150        | 12          | 0.044     | 0.63  | 1.78  | 1.37 0.42 | 4.22         | 3.06 3.28   | 10.57      |
| Chisel Plow(Rigid)   | 15'        | 2WD 130    | 20,300         | 150        | 12          | 0.123     | 1.79  | 2.88  | 0.90 0.52 | 6.10         | 2.01 3.90   | 12.02      |
| Chisel Plow(Rigid)   | 24'        | MFWD 190   | 16,000         | 150        | 12          | 0.077     | 1.11  | 2.63  | 0.44 0.59 | 4.79         | 0.99 4.57   | 10.36      |
| Chisel-Harrow        | 21 shank   | 2WD 190    | 6,750          | 150        | 12          | 0.088     | 1.27  | 3.01  | 0.21 0.39 | 4.90         | 0.47 3.04   | 8.42       |
| Chisel-Harrow        | 27 shank   | MFWD 225   | 14,100         | 150        | 12          | 0.068     | 0.99  | 2.77  | 0.34 0.66 | 4.78         | 0.77 5.11   | 10.67      |
| Colter-Chisel-Harrow | 21 shank   | 2WD 190    | 19,200         | 150        | 12          | 0.088     | 1.27  | 3.01  | 0.61 0.39 | 5.29         | 1.36 3.04   | 9.70       |
| Colter-Chisel-Harrow | 27 shank   | MFWD 225   | 24,000         | 150        | 12          | 0.068     | 0.99  | 2.77  | 0.59 0.66 | 5.02         | 1.32 5.11   | 11.46      |
| Corn Grain Cart 8R30 | 500 bu     | MFWD 190   | 35,100         | 200        | 12          | 0.031     | 0.46  | 1.09  | 0.30 0.24 | 2.10         | 0.67 1.89   | 4.68       |
| Corn Grain Cart 8R40 | 700bu      | MFWD 190   | 51,600         | 200        | 12          | 0.025     | 0.36  | 0.85  | 0.34 0.19 | 1.76         | 0.77 1.48   | 4.02       |
| Cult & Post          | 4R-38      | 2WD 105    | 27,300         | 150        | 10          | 0.173     | 3.77  | 3.27  | 1.26 0.45 | 8.76         | 4.16 3.40   | 16.34      |
| Cult & Post          | 6R-30      | MFWD 150   | 33,900         | 150        | 10          | 0.146     | 6.39  | 3.96  | 1.32 0.78 | 12.46        | 4.38 5.86   | 22.71      |
| Cult & Post          | 6R-38      | MFWD 150   | 33,800         | 150        | 10          | 0.115     | 2.52  | 3.12  | 1.04 0.61 | 7.71         | 3.44 4.63   | 15.39      |
| Cult & Post          | 8R-30      | MFWD 190   | 44,200         | 150        | 10          | 0.110     | 2.39  | 3.76  | 1.29 0.84 | 8.30         | 4.28 6.54   | 19.12      |
| Cult & Post          | 8R-38      | MFWD 190   | 44,100         | 150        | 10          | 0.086     | 1.89  | 2.97  | 1.02 0.66 | 6.56         | 3.37 5.17   | 15.11      |
| Cult & Post          | 8R-38 2x1  | MFWD 190   | 64,900         | 150        | 10          | 0.057     | 1.26  | 1.98  | 1.00 0.44 | 4.69         | 3.31 3.44   | 11.44      |
| Cult & Post          | 10R-30     | MFWD 225   | 32,000         | 150        | 10          | 0.088     | 1.91  | 3.56  | 0.75 0.84 | 7.08         | 2.48 6.57   | 16.13      |
| Cult & Post          | 10R-38     | MFWD 225   | 0              | 150        | 10          | 0.065     | 1.41  | 2.63  | 0.00 0.62 | 4.68         | 0.00 4.85   | 9.54       |
| Cult & Post          | 12R-30     | MFWD 225   | 67,800         | 150        | 10          | 0.073     | 1.59  | 2.97  | 1.32 0.70 | 6.60         | 4.38 5.47   | 16.46      |
| Cult & Post          | 12R-38     | MFWD 225   | 64,900         | 150        | 10          | 0.057     | 1.26  | 2.34  | 1.00 0.55 | 5.16         | 3.31 4.32   | 12.80      |
| Cultipacker          | 12'        | 2WD 130    | 6,720          | 300        | 12          | 0.124     | 1.80  | 2.91  | 0.19 0.52 | 5.44         | 0.34 3.94   | 9.73       |
| Cultipacker          | 20'        | MFWD 150   | 10,900         | 300        | 12          | 0.074     | 1.08  | 2.01  | 0.19 0.39 | 3.69         | 0.33 2.98   | 7.01       |
| Cultivate            | 4R-38      | 2WD 105    | 21,500         | 150        | 10          | 0.162     | 2.35  | 3.07  | 0.93 0.42 | 6.78         | 3.07 3.19   | 13.05      |
| Cultivate            | 6R-30      | MFWD 150   | 28,100         | 150        | 10          | 0.137     | 1.99  | 3.71  | 1.03 0.73 | 7.47         | 3.40 5.50   | 16.38      |
| Cultivate            | 6R-38      | MFWD 150   | 28,000         | 150        | 10          | 0.108     | 1.57  | 2.93  | 0.81 0.58 | 5.90         | 2.67 4.34   | 12.92      |
| Cultivate            | 8R-30      | MFWD 190   | 38,400         | 150        | 10          | 0.103     | 1.49  | 3.53  | 1.05 0.79 | 6.87         | 3.48 6.13   | 16.49      |
| Cultivate            | 8R-38      | MFWD 190   | 39,800         | 150        | 10          | 0.081     | 1.18  | 2.79  | 0.86 0.62 | 5.46         | 2.85 4.84   | 13.17      |
| Cultivate            | 8R-38 2x1  | MFWD 190   | 59,000         | 150        | 10          | 0.054     | 0.78  | 1.85  | 0.85 0.41 | 3.91         | 2.82 3.22   | 9.96       |
| Cultivate            | 10R-30     | MFWD 225   | 28,200         | 150        | 10          | 0.082     | 1.19  | 3.34  | 0.62 0.79 | 5.95         | 2.05 6.16   | 14.17      |
| Cultivate            | 10R-38     | MFWD 225   | 0              | 150        | 10          | 0.065     | 0.94  | 2.63  | 0.00 0.62 | 4.21         | 0.00 4.85   | 9.06       |
| Cultivate            | 12R-30     | MFWD 225   | 62,000         | 150        | 10          | 0.068     | 0.99  | 2.78  | 1.13 0.66 | 5.58         | 3.75 5.13   | 14.47      |
| Cultivate            | 12R-38     | MFWD 225   | 59,100         | 150        | 10          | 0.054     | 0.78  | 2.20  | 0.85 0.52 | 4.36         | 2.82 4.05   | 11.24      |
| Disk & Incorporate   | 14'        | 2WD 130    | 45,300         | 200        | 10          | 0.149     | 3.26  | 3.50  | 2.03 0.63 | 9.43         | 4.48 4.74   | 18.65      |
| Disk & Incorporate   | 24'        | MFWD 190   | 77,700         | 200        | 10          | 0.087     | 1.90  | 2.98  | 2.03 0.67 | 7.59         | 4.48 5.19   | 17.27      |
| Disk & Incorporate   | 32'        | 4WD 225    | 95,100         | 200        | 10          | 0.068     | 1.49  | 2.78  | 1.96 0.31 | 6.56         | 4.32 2.44   | 13.32      |
| Disk & Incorporate   | 42'        | MFWD 225   | 30,542         | 200        | 10          | 0.049     | 1.07  | 1.99  | 0.44 0.47 | 3.98         | 0.99 3.66   | 8.64       |
| Disk Bed (Hipper)    | 4R-38      | MFWD 150   | 15,700         | 160        | 10          | 0.147     | 2.14  | 3.98  | 0.57 0.78 | 7.50         | 1.91 5.90   | 15.32      |
| Disk Bed (Hipper)    | 6R-30      | MFWD 170   | 23,900         | 160        | 10          | 0.125     | 1.81  | 3.82  | 0.74 0.78 | 7.17         | 2.46 6.07   | 15.71      |
| Disk Bed (Hipper)    | 6R-38      | MFWD 170   | 23,900         | 160        | 10          | 0.098     | 1.43  | 3.02  | 0.58 0.61 | 5.66         | 1.94 4.79   | 12.40      |
| Disk Bed (Hipper)    | 8R-30      | MFWD 190   | 33,100         | 160        | 10          | 0.093     | 1.36  | 3.20  | 0.77 0.72 | 6.06         | 2.56 5.57   | 14.20      |
| Disk Bed (Hipper)    | 8R-38 2x1  | MFWD 190   | 114,000        | 160        | 10          | 0.049     | 0.71  | 1.68  | 1.40 0.37 | 4.19         | 4.64 2.93   | 11.77      |
| Disk Bed (Hipper)    | 10R-30     | MFWD 225   | 19,900         | 160        | 10          | 0.075     | 1.08  | 3.04  | 0.37 0.72 | 5.22         | 1.23 5.60   | 12.06      |
| Disk Bed (Hipper)    | 10R-38     | MFWD 225   | 23,100         | 160        | 10          | 0.059     | 0.85  | 2.39  | 0.34 0.57 | 4.16         | 1.12 4.41   | 9.71       |
| Disk Bed (Hipper)    | 12R-30     | MFWD 225   | 87,500         | 160        | 10          | 0.062     | 0.90  | 2.53  | 1.36 0.60 | 5.41         | 4.51 4.66   | 14.59      |

Appendix Table 6. Implements: estimated purchase price, annual use, useful life, performance rate,  
(Continued) and direct and fixed cost per acre, Louisiana 2024.

| 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----- |       |                        |       |              |                        |       |            |
| Disk Bed (Hipper)    | 12R-38    | MFWD 225   | 114,000        | 160        | 10          | 0.049     | 0.71              | 1.99  | 1.40                   | 0.47  | 4.59         | 4.64                   | 3.68  | 12.93      |
| Disk Bed (Hipper)Fld | 8R-38     | MFWD 190   | 45,800         | 160        | 10          | 0.074     | 1.07              | 2.53  | 0.84                   | 0.56  | 5.03         | 2.80                   | 4.40  | 12.24      |
| Disk Bed (Hipper)Rdg | 8R-38     | MFWD 190   | 36,100         | 160        | 10          | 0.074     | 1.07              | 2.53  | 0.66                   | 0.56  | 4.85         | 2.21                   | 4.40  | 11.46      |
| Disk Bed w/roller    | 8R-30     | 2WD 190    | 40,100         | 160        | 10          | 0.093     | 1.36              | 3.20  | 0.93                   | 0.41  | 5.92         | 3.10                   | 3.24  | 12.27      |
| Disk Bed w/roller    | 12R-30    | MFWD 225   | 76,000         | 160        | 10          | 0.062     | 0.90              | 2.53  | 1.18                   | 0.60  | 5.23         | 3.92                   | 4.66  | 13.82      |
| Disk Harrow          | 14'       | 2WD 130    | 39,400         | 180        | 10          | 0.140     | 2.03              | 3.28  | 1.53                   | 0.59  | 7.45         | 4.05                   | 4.44  | 15.95      |
| Disk Harrow          | 24'       | MFWD 190   | 71,900         | 180        | 10          | 0.081     | 1.18              | 2.80  | 1.63                   | 0.62  | 6.25         | 4.32                   | 4.86  | 15.44      |
| Disk Harrow          | 28'       | MFWD 225   | 74,700         | 180        | 10          | 0.070     | 1.01              | 2.84  | 1.45                   | 0.67  | 5.99         | 3.84                   | 5.23  | 15.08      |
| Disk Harrow          | 32'       |            | 89,300         | 180        | 10          | 0.061     | 1.10              | 0.00  | 1.52                   | 0.00  | 0.00         | 4.02                   | 0.00  | 0.00       |
| Disk Harrow          | 42'       | MFWD 225   | 145,000        | 180        | 10          | 0.046     | 0.67              | 1.89  | 1.88                   | 0.45  | 4.91         | 4.98                   | 3.49  | 13.38      |
| Ditcher              |           | 2WD 130    | 8,760          | 200        | 10          | 0.020     | 0.29              | 0.46  | 0.07                   | 0.08  | 0.91         | 0.11                   | 0.63  | 1.66       |
| Ditcher (1m/160a)    |           | 2WD 130    | 8,760          | 200        | 10          | 0.009     | 0.13              | 0.21  | 0.03                   | 0.03  | 0.42         | 0.05                   | 0.29  | 0.77       |
| Fert Appl (Liquid)   | 4R-38     | MFWD 150   | 25,400         | 150        | 8           | 0.154     | 3.37              | 4.17  | 2.61                   | 0.82  | 10.99        | 3.67                   | 6.18  | 20.86      |
| Fert Appl (Liquid)   | 6R-30     | MFWD 170   | 25,300         | 150        | 8           | 0.130     | 2.85              | 4.01  | 2.20                   | 0.82  | 9.89         | 3.10                   | 6.36  | 19.35      |
| Fert Appl (Liquid)   | 6R-38     | MFWD 170   | 25,300         | 150        | 8           | 0.103     | 2.25              | 3.16  | 1.74                   | 0.64  | 7.81         | 2.44                   | 5.02  | 15.28      |
| Fert Appl (Liquid)   | 8R-30     | MFWD 190   | 26,300         | 150        | 8           | 0.098     | 2.14              | 3.36  | 1.72                   | 0.75  | 7.97         | 2.41                   | 5.83  | 16.23      |
| Fert Appl (Liquid)   | 8R-38     | MFWD 190   | 29,500         | 150        | 8           | 0.077     | 1.69              | 2.65  | 1.52                   | 0.59  | 6.47         | 2.14                   | 4.61  | 13.23      |
| Fert Appl (Liquid)   | 8R-38 2x1 | MFWD 190   | 32,900         | 150        | 8           | 0.051     | 1.12              | 1.76  | 1.13                   | 0.39  | 4.42         | 1.59                   | 3.07  | 9.09       |
| Fert Appl (Liquid)   | 10R-30    | MFWD 225   | 18,600         | 150        | 8           | 0.078     | 1.71              | 3.18  | 0.97                   | 0.75  | 6.63         | 1.36                   | 5.86  | 13.86      |
| Fert Appl (Liquid)   | 10R-38    | MFWD 225   | 20,300         | 150        | 8           | 0.061     | 1.35              | 2.51  | 0.83                   | 0.59  | 5.29         | 1.17                   | 4.62  | 11.10      |
| Fert Appl (Liquid)   | 12R-30    | MFWD 225   | 30,600         | 150        | 8           | 0.078     | 1.71              | 3.18  | 1.60                   | 0.75  | 7.25         | 2.25                   | 5.86  | 15.37      |
| Fert Appl (Liquid)   | 12R-38    | MFWD 225   | 31,100         | 150        | 8           | 0.051     | 1.12              | 2.09  | 1.07                   | 0.49  | 4.79         | 1.50                   | 3.86  | 10.15      |
| Field Cultivate      | 12'       | 2WD 150    | 23,000         | 100        | 10          | 0.124     | 1.80              | 3.36  | 0.71                   | 0.53  | 6.42         | 3.78                   | 4.00  | 14.20      |
| Field Cultivate      | 24'       | MFWD 170   | 38,600         | 100        | 10          | 0.062     | 0.90              | 1.90  | 0.60                   | 0.39  | 3.80         | 3.17                   | 3.02  | 9.99       |
| Field Cultivate      | 32'       | MFWD 190   | 61,400         | 100        | 10          | 0.046     | 0.67              | 1.59  | 0.71                   | 0.35  | 3.35         | 3.78                   | 2.77  | 9.91       |
| Field Cultivate      | 42'       | MFWD 225   | 80,900         | 100        | 10          | 0.035     | 0.51              | 1.44  | 0.71                   | 0.34  | 3.01         | 3.80                   | 2.65  | 9.47       |
| Field Cultivate      | 50'       | MFWD 225   | 82,900         | 100        | 10          | 0.029     | 0.43              | 1.21  | 0.61                   | 0.28  | 2.55         | 3.27                   | 2.23  | 8.05       |
| Gate Installer       |           | 2WD 130    | 2,960          | 10         | 10          | 0.020     | 0.58              | 0.46  | 0.17                   | 0.08  | 1.31         | 0.76                   | 0.63  | 2.70       |
| Grain Drill          | 12'       | 2WD 130    | 51,400         | 150        | 8           | 0.157     | 4.56              | 3.68  | 3.02                   | 0.66  | 11.94        | 7.31                   | 4.97  | 24.23      |
| Grain Drill          | 15'       | MFWD 150   | 46,800         | 150        | 8           | 0.125     | 3.65              | 3.39  | 2.20                   | 0.67  | 9.92         | 5.32                   | 5.03  | 20.28      |
| Grain Drill          | 20'       | MFWD 170   | 53,500         | 150        | 8           | 0.094     | 2.74              | 2.88  | 1.89                   | 0.59  | 8.11         | 4.56                   | 4.58  | 17.25      |
| Grain Drill          | 24'       | MFWD 190   | 80,300         | 150        | 8           | 0.078     | 2.28              | 2.68  | 2.36                   | 0.60  | 7.94         | 5.71                   | 4.67  | 18.32      |
| Grain Drill          | 30'       | MFWD 225   | 96,600         | 150        | 8           | 0.062     | 1.82              | 2.54  | 2.27                   | 0.60  | 7.25         | 5.49                   | 4.69  | 17.45      |
| Grain Drill & Pre    | 12'       | 2WD 130    | 57,200         | 150        | 8           | 0.169     | 4.91              | 3.96  | 3.62                   | 0.71  | 13.22        | 8.76                   | 5.36  | 27.35      |
| Grain Drill & Pre    | 15'       | MFWD 150   | 52,600         | 150        | 8           | 0.135     | 3.93              | 3.65  | 2.67                   | 0.72  | 10.98        | 6.44                   | 5.41  | 22.85      |
| Grain Drill & Pre    | 20'       | MFWD 170   | 59,300         | 150        | 8           | 0.101     | 2.95              | 3.10  | 2.25                   | 0.63  | 8.95         | 5.45                   | 4.93  | 19.33      |
| Grain Drill & Pre    | 24'       | MFWD 190   | 86,100         | 150        | 8           | 0.084     | 2.45              | 2.89  | 2.73                   | 0.65  | 8.73         | 6.59                   | 5.03  | 20.36      |
| Grain Drill & Pre    | 30'       | MFWD 225   | 102,000        | 150        | 8           | 0.067     | 1.96              | 2.74  | 2.58                   | 0.65  | 7.95         | 6.25                   | 5.05  | 19.25      |
| Harrow               | 13'       | 2WD 130    | 4,360          | 200        | 10          | 0.119     | 1.73              | 2.79  | 0.18                   | 0.50  | 5.22         | 0.34                   | 3.78  | 9.35       |
| Harrow               | 21'       | 2WD 150    | 6,750          | 200        | 10          | 0.073     | 1.07              | 1.99  | 0.17                   | 0.31  | 3.56         | 0.32                   | 2.37  | 6.27       |
| Harrow               | 40'       | MFWD 190   | 21,300         | 200        | 10          | 0.038     | 0.56              | 1.32  | 0.28                   | 0.29  | 2.48         | 0.54                   | 2.30  | 5.33       |
| Harrow               | 47'       | MFWD 190   | 26,000         | 200        | 10          | 0.033     | 0.48              | 1.13  | 0.30                   | 0.25  | 2.16         | 0.56                   | 1.96  | 4.69       |
| Header - Corn        | 4R-38     | 240hp      | 25,147         | 300        | 8           | 0.201     | 3.60              | 8.69  | 1.26                   | 3.38  | 16.95        | 2.36                   | 16.20 | 35.52      |
| Header - Corn        | 6R30"     | 240hp      | 72,300         | 300        | 8           | 0.170     | 3.05              | 7.36  | 3.07                   | 2.86  | 16.35        | 5.76                   | 13.72 | 35.84      |
| Header - Corn        | 6R38"     | 240hp      | 73,500         | 300        | 8           | 0.134     | 2.41              | 5.81  | 2.47                   | 2.26  | 12.95        | 4.62                   | 10.83 | 28.41      |
| Header - Corn        | 8R-30     | 240hp      | 99,100         | 300        | 8           | 0.127     | 2.29              | 5.52  | 3.16                   | 2.14  | 13.12        | 5.92                   | 10.29 | 29.33      |
| Header - Corn        | 8R-38     | 275hp      | 87,300         | 300        | 8           | 0.100     | 1.81              | 5.00  | 2.20                   | 4.86  | 13.88        | 4.12                   | 23.31 | 41.32      |
| Header - Corn        | 12R-20    | 275hp      | 148,000        | 300        | 8           | 0.127     | 2.29              | 6.32  | 4.72                   | 6.15  | 19.50        | 8.84                   | 29.49 | 57.83      |
| Header - Corn        | 12R-30    | 275hp      | 135,000        | 300        | 8           | 0.085     | 1.52              | 4.21  | 2.87                   | 4.10  | 12.72        | 5.37                   | 19.66 | 37.76      |
| Header - Rice (CL)   | 22' Rigid | 240hp      | 83,200         | 300        | 8           | 0.288     | 5.17              | 12.46 | 5.99                   | 4.85  | 28.49        | 11.23                  | 23.24 | 62.97      |
| Header - Rice (CL)   | 25' Rigid | 240hp      | 83,200         | 300        | 8           | 0.253     | 4.55              | 10.97 | 5.28                   | 4.27  | 25.07        | 9.88                   | 20.45 | 55.41      |
| Header - Rice (CL)   | 30' Rigid | 275hp      | 85,600         | 300        | 8           | 0.211     | 3.79              | 10.47 | 4.52                   | 10.20 | 29.00        | 8.47                   | 48.85 | 86.32      |
| Header - Rice (SL)   | 22' Rigid | 240hp      | 83,200         | 300        | 8           | 0.250     | 4.48              | 10.80 | 5.20                   | 4.20  | 24.69        | 9.73                   | 20.14 | 54.57      |
| Header - Rice (SL)   | 25' Rigid | 240hp      | 83,200         | 300        | 8           | 0.220     | 3.94              | 9.50  | 4.57                   | 3.70  | 21.73        | 8.56                   | 17.72 | 48.02      |
| Header - Rice (SL)   | 30' Rigid | 275hp      | 85,600         | 300        | 8           | 0.183     | 3.28              | 9.07  | 3.92                   | 8.84  | 25.13        | 7.34                   | 42.33 | 74.81      |
| Header - Soybean     | 15' Flex  | 240hp      | 0              | 300        | 8           | 0.170     | 3.05              | 7.36  | 0.00                   | 2.86  | 13.28        | 0.00                   | 13.72 | 27.00      |
| Header - Soybean     | 18' Flex  | 240hp      | 41,750         | 300        | 8           | 0.141     | 2.54              | 6.13  | 1.48                   | 2.38  | 12.54        | 2.77                   | 11.43 | 26.75      |
| Header - Soybean     | 22' Flex  | 240hp      | 42,600         | 300        | 8           | 0.116     | 2.08              | 5.01  | 1.23                   | 1.95  | 10.29        | 2.31                   | 9.35  | 21.96      |
| Header - Soybean     | 25' Flex  | 275hp      | 42,000         | 300        | 8           | 0.102     | 1.83              | 5.05  | 1.07                   | 4.92  | 12.89        | 2.00                   | 23.59 | 38.49      |
| Header - Soybean     | 30' Flex  | 275hp      | 48,600         | 300        | 8           | 0.085     | 1.52              | 4.21  | 1.03                   | 4.10  | 10.88        | 1.93                   | 19.66 | 32.48      |
| Header Wheat/Sorghum | 18' Rigid | 240hp      | 19,800         | 300        | 8           | 0.141     | 2.54              | 6.13  | 0.70                   | 2.38  | 11.76        | 1.31                   | 11.43 | 24.51      |
| Header Wheat/Sorghum | 22' Rigid | 240hp      | 19,800         | 300        | 8           | 0.116     | 2.08              | 5.01  | 0.57                   | 1.95  | 9.62         | 1.07                   | 9.35  | 20.06      |
| Header Wheat/Sorghum | 25' Rigid | 240hp      | 41,800         | 300        | 8           | 0.102     | 1.83              | 4.41  | 1.06                   | 1.71  | 9.03         | 1.99                   | 8.23  | 19.26      |
| Header Wheat/Sorghum | 30' Rigid | 275hp      | 55,100         | 300        | 8           | 0.085     | 1.52              | 4.21  | 1.17                   | 4.10  | 11.02        | 2.19                   | 19.66 | 32.87      |
| Header-Cotton-Bcast  | 13'       | 173hp      | 21,300         | 200        | 8           | 0.251     | 8.17              | 7.12  | 1.00                   | 6.68  | 22.99        | 3.76                   | 32.02 | 58.78      |
| Header-Cotton-Bcast  | 16'       | 173hp      | 23,800         | 200        | 8           | 0.204     | 6.64              | 5.78  | 0.91                   | 5.43  | 18.77        | 3.41                   | 26.02 | 48.22      |
| Header-Cotton-Bcast  | 19'       | 173hp      | 26,200         | 200        | 8           | 0.172     | 5.59              | 4.87  | 0.84                   | 4.57  | 15.89        | 3.16                   | 21.91 | 40.97      |
| Header-Cotton-Brush  | 4R30"     | 173hp      | 20,520         | 200        | 8           | 0.327     | 10.63             | 9.25  | 1.25                   | 8.69  | 29.84        | 4.71                   | 41.63 | 76.19      |
| Header-Cotton-Brush  | 4R30"2X1  | 173hp      | 34,400         | 200        | 8           | 0.218     | 7.08              | 6.17  | 1.40                   | 5.79  | 20.46        | 5.27                   | 27.75 | 53.49      |
| Header-Cotton-Brush  | 4R38"     | 173hp      | 34,000         | 200        | 8           | 0.257     | 8.37              | 7.29  | 1.64                   | 6.84  | 24.15        | 6.15                   | 32.78 | 63.08      |
| Header-Cotton-Brush  | 4R38"2X1  | 173hp      | 36,000         | 200        | 8           | 0.172     | 5.59              | 4.87  | 1.16                   | 4.57  | 16.20        | 4.35                   | 21.91 | 42.47      |
| Header-Cotton-Brush  | 5R-30     | 173hp      | 42,800         | 200        | 8           | 0.261     | 8.50              | 7.40  | 2.10                   | 6.95  | 24.96        | 7.86                   | 33.31 | 66.14      |
| Header-Cotton-Brush  | 5R-38     | 173hp      | 44,300         | 200        | 8           | 0.207     | 6.72              | 5.85  | 1.72                   | 5.50  | 19.81        | 6.44                   | 26.35 | 52.60      |
| Header-Cotton-Brush  | 6R-30     | 173hp      | 52,700         | 200        | 8           | 0.218     | 7.08              | 6.17  | 2.15                   | 5.79  | 21.21        | 8.07                   | 27.75 | 57.04      |
| Heavy Disk           | 14'       | MFWD 150   | 25,900         | 180        | 10          | 0.145     | 2.12              | 3.94  | 1.05                   | 0.77  | 7.89         | 2.77                   | 5.83  | 16.51      |

Appendix Table 6. Implements: estimated purchase price, annual use, useful life, performance rate, (Continued) and direct and fixed cost per acre, Louisiana 2024.

| 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----- |            |            |                |            |             |           |       |       |                        |              |                        |            |
| Heavy Disk                                  | 21'        | MFWD 170   | 40,600         | 180        | 10          | 0.097     | 1.41  | 2.97  | 1.09 0.61              | 6.10         | 2.90 4.72              | 13.73      |
| Heavy Disk                                  | 27'        | MFWD 190   | 50,400         | 180        | 10          | 0.075     | 1.09  | 2.59  | 1.05 0.58              | 5.33         | 2.80 4.49              | 12.63      |
| LA Boom Sprayer                             | 30 ft      | MFWD 150   | 3,000          | 150        | 10          | 0.059     | 0.87  | 1.62  | 0.13 0.32              | 2.94         | 0.17 2.40              | 5.52       |
| Land Plane                                  | 40'x10'    | MFWD 190   | 6,020          | 200        | 10          | 0.242     | 3.52  | 8.30  | 0.29 1.86              | 13.98        | 0.96 14.42             | 29.38      |
| Land Plane                                  | 50'x16'    | MFWD 190   | 13,500         | 200        | 10          | 0.151     | 2.20  | 5.19  | 0.40 1.16              | 8.96         | 1.35 9.01              | 19.33      |
| LARice Backhoe-Rrmnt                        | 2 ft       | MFWD 150   | 6,000          | 100        | 10          | 0.500     | 7.26  | 13.51 | 2.64 2.67              | 26.08        | 4.37 20.00             | 50.46      |
| LARice Land Level                           | 13 ft      | MFWD 150   | 7,500          | 200        | 15          | 0.190     | 2.76  | 5.13  | 0.15 1.01              | 9.07         | 0.83 7.60              | 17.51      |
| LARice Levee Plow                           | 8 ft       | 4WD 300    | 4,600          | 150        | 10          | 0.050     | 0.72  | 2.70  | 0.07 0.67              | 4.18         | 0.22 5.22              | 9.62       |
| LARice Water Level                          | 24 ft      | 4WD 300    | 3,500          | 100        | 15          | 0.149     | 2.17  | 8.10  | 0.23 2.02              | 12.53        | 0.61 15.65             | 28.80      |
| Levee Splitter (1/80                        | 2 blade    | 2WD 150    | 9,220          | 50         | 10          | 0.004     | 0.06  | 0.11  | 0.00 0.01              | 0.19         | 0.10 0.13              | 0.43       |
| Lo-Till & Bed                               | 4R-38      | MFWD 190   | 5,100          | 150        | 12          | 0.145     | 2.11  | 4.98  | 0.26 1.11              | 8.48         | 0.61 8.65              | 17.75      |
| Middle Buster                               | 6R-38      | MFWD 150   | 12,800         | 160        | 8           | 0.120     | 1.74  | 3.24  | 0.36 0.64              | 5.99         | 1.39 4.80              | 12.20      |
| Middle Buster                               | 8R-30      | MFWD 190   | 20,800         | 160        | 8           | 0.114     | 1.65  | 3.90  | 0.55 0.87              | 7.00         | 2.15 6.78              | 15.94      |
| Middle Buster                               | 8R-38      | MFWD 190   | 18,100         | 160        | 8           | 0.090     | 1.31  | 3.08  | 0.38 0.69              | 5.47         | 1.48 5.36              | 12.32      |
| Middle Buster                               | 8R-40 2x1  | MFWD 190   | 29,200         | 160        | 8           | 0.060     | 0.87  | 2.05  | 0.41 0.46              | 3.80         | 1.59 3.57              | 8.96       |
| Middle Buster                               | 10R-30     | MFWD 225   | 29,300         | 160        | 8           | 0.091     | 1.32  | 3.70  | 0.62 0.88              | 6.53         | 2.42 6.82              | 15.78      |
| Middle Buster                               | 10R-38     | MFWD 225   | 32,100         | 160        | 8           | 0.072     | 1.04  | 2.92  | 0.54 0.69              | 5.20         | 2.09 5.38              | 12.68      |
| Middle Buster                               | 12R-38     | MFWD 225   | 29,200         | 160        | 8           | 0.060     | 0.87  | 2.43  | 0.41 0.58              | 4.30         | 1.59 4.48              | 10.38      |
| Module Builder-1st                          | 2R-38(157) | MFWD 190   | 31,300         | 200        | 10          | 0.519     | 15.10 | 17.78 | 4.06 3.99              | 40.94        | 10.47 30.89            | 82.32      |
| Module Builder-1st                          | 4R-30(255) | MFWD 190   | 34,700         | 200        | 10          | 0.327     | 9.51  | 11.20 | 2.84 2.51              | 26.07        | 7.31 19.46             | 52.85      |
| Module Builder-1st                          | 4R-30(325) | MFWD 190   | 34,700         | 200        | 10          | 0.327     | 9.51  | 11.20 | 2.84 2.51              | 26.07        | 7.31 19.46             | 52.85      |
| Module Builder-1st                          | 4R-38(255) | MFWD 190   | 34,700         | 200        | 10          | 0.257     | 7.49  | 8.82  | 2.23 1.98              | 20.53        | 5.76 15.32             | 41.62      |
| Module Builder-1st                          | 4R-38(325) | MFWD 190   | 34,700         | 200        | 10          | 0.257     | 7.49  | 8.82  | 2.23 1.98              | 20.53        | 5.76 15.32             | 41.62      |
| Module Builder-1st                          | 4R2x1260hp | MFWD 190   | 34,700         | 200        | 10          | 0.172     | 5.00  | 5.89  | 1.49 1.32              | 13.72        | 3.85 10.24             | 27.81      |
| Module Builder-1st                          | 5R-30(255) | MFWD 190   | 34,700         | 200        | 10          | 0.261     | 7.61  | 8.96  | 2.27 2.01              | 20.86        | 5.85 15.57             | 42.28      |
| Module Builder-1st                          | 5R-38(255) | MFWD 190   | 34,700         | 200        | 10          | 0.207     | 6.02  | 7.09  | 1.79 1.59              | 16.50        | 4.63 12.31             | 33.45      |
| Module Builder-1st                          | 6R-30(325) | MFWD 190   | 34,700         | 200        | 10          | 0.218     | 6.34  | 7.47  | 1.89 1.67              | 17.38        | 4.87 12.97             | 35.23      |
| Module Builder-1st                          | 6R-38(325) | MFWD 190   | 34,700         | 200        | 10          | 0.172     | 5.00  | 5.89  | 1.49 1.32              | 13.72        | 3.85 10.24             | 27.81      |
| Module Builder-2nd                          | 2R-38(157) | MFWD 190   | 34,700         | 200        | 10          | 0.440     | 12.79 | 15.06 | 3.81 3.38              | 35.06        | 9.83 26.17             | 71.06      |
| Module Builder-2nd                          | 4R-30(255) | MFWD 190   | 34,700         | 200        | 10          | 0.277     | 8.05  | 9.49  | 2.40 2.13              | 22.08        | 6.19 16.48             | 44.77      |
| Module Builder-2nd                          | 4R-30(325) | MFWD 190   | 34,700         | 200        | 10          | 0.277     | 8.05  | 9.49  | 2.40 2.13              | 22.08        | 6.19 16.48             | 44.77      |
| Module Builder-2nd                          | 4R-38(255) | MFWD 190   | 34,700         | 200        | 10          | 0.218     | 6.34  | 7.47  | 1.89 1.67              | 17.39        | 4.88 12.98             | 35.25      |
| Module Builder-2nd                          | 4R-38(325) | MFWD 190   | 34,700         | 200        | 10          | 0.218     | 6.34  | 7.47  | 1.89 1.67              | 17.39        | 4.88 12.98             | 35.25      |
| Module Builder-2nd                          | 4R2x1 255  | MFWD 190   | 34,700         | 200        | 10          | 0.145     | 4.24  | 4.99  | 1.26 1.12              | 11.62        | 3.26 8.67              | 23.56      |
| Module Builder-2nd                          | 5R-30(255) | MFWD 190   | 34,700         | 200        | 10          | 0.221     | 6.44  | 7.59  | 1.92 1.70              | 17.67        | 4.95 13.19             | 35.81      |
| Module Builder-2nd                          | 5R-38(255) | MFWD 190   | 34,700         | 200        | 10          | 0.175     | 5.10  | 6.00  | 1.52 1.34              | 13.97        | 3.92 10.43             | 28.33      |
| Module Builder-2nd                          | 6R-30(325) | MFWD 190   | 34,700         | 200        | 10          | 0.184     | 5.37  | 6.32  | 1.60 1.42              | 14.72        | 4.13 10.99             | 29.84      |
| Module Builder-2nd                          | 6R-38(325) | MFWD 190   | 34,700         | 200        | 10          | 0.145     | 4.24  | 4.99  | 1.26 1.12              | 11.62        | 3.26 8.67              | 23.56      |
| Module Builder-Strip                        | 13' Bcast  | MFWD 150   | 34,700         | 200        | 10          | 0.251     | 7.31  | 6.80  | 2.18 1.34              | 17.65        | 5.62 10.07             | 33.35      |
| Module Builder-Strip                        | 16' Bcast  | MFWD 150   | 34,700         | 200        | 10          | 0.204     | 5.94  | 5.52  | 1.77 1.09              | 14.34        | 4.57 8.18              | 27.10      |
| Module Builder-Strip                        | 19' Brush  | MFWD 150   | 34,700         | 200        | 10          | 0.172     | 5.00  | 4.65  | 1.49 0.92              | 12.07        | 3.85 6.89              | 22.82      |
| Module Builder-Strip                        | 4R-30      | MFWD 150   | 34,700         | 200        | 10          | 0.327     | 9.51  | 8.84  | 2.84 1.74              | 22.94        | 7.31 13.09             | 43.36      |
| Module Builder-Strip                        | 4R-30 2X1  | MFWD 150   | 34,700         | 200        | 10          | 0.218     | 6.34  | 5.89  | 1.89 1.16              | 15.29        | 4.87 8.73              | 28.91      |
| Module Builder-Strip                        | 4R-38      | MFWD 150   | 34,700         | 200        | 10          | 0.257     | 7.49  | 6.96  | 2.23 1.37              | 18.07        | 5.76 10.31             | 34.14      |
| Module Builder-Strip                        | 4R-38 2X1  | MFWD 150   | 34,700         | 200        | 10          | 0.172     | 5.00  | 4.65  | 1.49 0.92              | 12.07        | 3.85 6.89              | 22.82      |
| Module Builder-Strip                        | 5R-30      | MFWD 150   | 34,700         | 200        | 10          | 0.261     | 7.61  | 7.07  | 2.27 1.39              | 18.35        | 5.85 10.47             | 34.69      |
| Module Builder-Strip                        | 5R-38      | MFWD 150   | 34,700         | 200        | 10          | 0.207     | 6.02  | 5.59  | 1.79 1.10              | 14.52        | 4.63 8.29              | 27.44      |
| Module Builder-Strip                        | 6R-30      | MFWD 150   | 34,700         | 200        | 10          | 0.218     | 6.34  | 5.89  | 1.89 1.16              | 15.29        | 4.87 8.73              | 28.91      |
| Mulcher Plow                                | 30'        | MFWD 225   | 0              | 100        | 10          | 0.068     | 0.98  | 2.76  | 0.00 0.65              | 4.40         | 0.00 5.08              | 9.49       |
| NT Grain Drill                              | 12'        | 2WD 130    | 57,200         | 150        | 8           | 0.163     | 4.75  | 3.83  | 3.51 0.69              | 12.79        | 8.47 5.18              | 26.45      |
| NT Grain Drill                              | 15'        | MFWD 150   | 73,300         | 150        | 8           | 0.130     | 3.80  | 3.53  | 3.59 0.69              | 11.64        | 8.68 5.23              | 25.57      |
| NT Grain Drill                              | 20'        | MFWD 170   | 98,900         | 150        | 8           | 0.098     | 2.85  | 3.00  | 3.64 0.61              | 10.12        | 8.79 4.77              | 23.68      |
| NT Grain Drill                              | 24'        | MFWD 190   | 111,300        | 150        | 8           | 0.081     | 2.37  | 2.80  | 3.41 0.62              | 9.22         | 8.24 4.86              | 22.33      |
| NT Grain Drill                              | 30'        | MFWD 225   | 110,200        | 150        | 8           | 0.065     | 1.90  | 2.65  | 2.70 0.63              | 7.89         | 6.53 4.88              | 19.31      |
| NT Grain Drill & Pre                        | 12'        | 2WD 130    | 63,000         | 150        | 8           | 0.176     | 5.12  | 4.12  | 4.16 0.74              | 14.16        | 10.05 5.58             | 29.80      |
| NT Grain Drill & Pre                        | 20'        | MFWD 170   | 86,500         | 150        | 8           | 0.105     | 2.89  | 3.70  | 3.43 0.61              | 10.63        | 7.49 4.34              | 22.47      |
| NT Grain Drill & Pre                        | 24'        | MFWD 190   | 116,600        | 150        | 8           | 0.088     | 2.40  | 3.44  | 3.85 0.59              | 10.30        | 8.41 4.20              | 22.92      |
| NT Grain Drill & Pre                        | 30'        | MFWD 225   | 115,500        | 150        | 8           | 0.070     | 1.92  | 3.26  | 3.05 0.60              | 8.85         | 6.66 4.30              | 19.82      |
| NT Plant&Pre-Folding                        | 8R-38      | MFWD 170   | 67,800         | 150        | 8           | 0.083     | 2.28  | 2.92  | 2.12 0.48              | 7.82         | 4.64 3.43              | 15.90      |
| NT Plant&Pre-Folding                        | 8R-38 2x1  | MFWD 170   | 107,000        | 150        | 8           | 0.055     | 1.52  | 1.94  | 2.23 0.32              | 6.02         | 4.87 2.28              | 13.19      |
| NT Plant&Pre-Folding                        | 10R-30     | MFWD 190   | 57,555         | 150        | 8           | 0.084     | 2.31  | 3.31  | 1.82 0.57              | 8.02         | 3.98 4.03              | 16.04      |
| NT Plant&Pre-Folding                        | 10R-38     | MFWD 190   | 52,893         | 150        | 8           | 0.066     | 1.82  | 2.61  | 1.32 0.45              | 6.20         | 2.88 3.18              | 12.28      |
| NT Plant&Pre-Folding                        | 12R-20     | MFWD 190   | 82,800         | 150        | 8           | 0.105     | 2.89  | 4.13  | 3.28 0.71              | 11.02        | 7.16 5.04              | 23.24      |
| NT Plant&Pre-Folding                        | 12R-30     | MFWD 190   | 101,000        | 150        | 8           | 0.070     | 1.92  | 2.75  | 2.67 0.47              | 7.83         | 5.83 3.36              | 17.02      |
| NT Plant&Pre-Folding                        | 12R-38     | MFWD 190   | 111,800        | 150        | 8           | 0.055     | 1.52  | 2.17  | 2.33 0.37              | 6.40         | 5.09 2.65              | 14.16      |
| NT Plant&Pre-Folding                        | 16R-30     | MFWD 190   | 149,400        | 150        | 8           | 0.052     | 1.44  | 2.06  | 2.96 0.35              | 6.83         | 6.46 2.52              | 15.82      |
| NT Plant&Pre-Folding                        | 23R-15     | MFWD 190   | 203,900        | 150        | 8           | 0.073     | 2.00  | 2.87  | 5.61 0.49              | 10.99        | 12.26 3.50             | 26.75      |
| NT Plant&Pre-Folding                        | 24R-20     | MFWD 190   | 238,100        | 150        | 8           | 0.052     | 1.44  | 2.06  | 4.72 0.35              | 8.59         | 10.30 2.52             | 21.42      |
| NT Plant&Pre-Folding                        | 24R-30     | MFWD 190   | 224,900        | 150        | 8           | 0.035     | 0.96  | 1.37  | 2.97 0.23              | 5.55         | 6.49 1.68              | 13.72      |
| NT Plant&Pre-Rigid                          | 4R-21      | 2WD 130    | 37,700         | 150        | 8           | 0.211     | 5.78  | 5.66  | 2.99 0.77              | 15.21        | 6.52 5.29              | 27.03      |
| NT Plant&Pre-Rigid                          | 4R-38      | 2WD 130    | 34,500         | 150        | 8           | 0.166     | 4.55  | 4.45  | 2.15 0.61              | 11.77        | 4.70 4.16              | 20.65      |
| NT Plant&Pre-Rigid                          | 6R-30      | MFWD 150   | 47,400         | 150        | 8           | 0.141     | 3.85  | 4.35  | 2.50 0.69              | 11.41        | 5.47 4.74              | 21.62      |
| NT Plant&Pre-Rigid                          | 6R-38      | MFWD 150   | 47,500         | 150        | 8           | 0.111     | 3.04  | 3.43  | 1.98 0.54              | 9.01         | 4.32 3.74              | 17.08      |
| NT Plant&Pre-Rigid                          | 8R-22      | MFWD 170   | 26,219         | 150        | 8           | 0.143     | 3.93  | 5.03  | 1.41 0.83              | 11.22        | 3.08 5.91              | 20.22      |
| NT Plant&Pre-Rigid                          | 8R-30      | MFWD 170   | 60,300         | 150        | 8           | 0.105     | 2.89  | 3.70  | 2.39 0.61              | 9.60         | 5.22 4.34              | 19.16      |
| NT Plant&Pre-Rigid                          | 8R-38      | MFWD 170   | 56,200         | 150        | 8           | 0.077     | 2.11  | 2.70  | 1.62 0.44              | 6.88         | 3.55 3.17              | 13.60      |
| NT Plant&Pre-Rigid                          | 10R-30     | MFWD 190   | 51,900         | 150        | 8           | 0.084     | 2.31  | 3.31  | 1.64 0.57              | 7.84         | 3.59 4.03              | 15.47      |
| NT Plant&Pre-Rigid                          | 12R-20     | MFWD 190   | 66,600         | 150        | 8           | 0.105     | 2.89  | 4.13  | 2.64 0.71              | 10.38        | 5.76 5.04              | 21.20      |
| NT Plant&Pre-Rigid                          | 12R-30     | MFWD 190   | 86,600         | 150        | 8           | 0.070     | 1.92  | 2.75  | 2.28 0.47              | 7.45         | 4.99 3.36              | 15.81      |
| NT Plant-Folding                            | 8R-38      | MFWD 170   | 72,900         | 150        | 8           | 0.077     | 2.12  | 2.71  | 2.12 0.45              | 7.41         | 4.63 3.19              | 15.23      |
| NT Plant-Folding                            | 8R-38 2x1  | MFWD 170   | 102,200        | 150        | 8           | 0.051     | 1.41  | 1.80  | 1.98 0.30              | 5.50         | 4.32 2.12              | 11.95      |
| NT Plant-Folding                            | 10R-30     | MFWD 190   | 52,061         | 150        | 8           | 0.078     | 2.14  | 3.07  | 1.53 0.53              | 7.28         | 3.34 3.75              | 14.38      |
| NT Plant-Folding                            | 10R-38     | MFWD 190   | 47,646         | 150        | 8           | 0.061     | 1.69  | 2.42  | 1.10 0.41              | 5.64         | 2.41 2.95              | 11.01      |
| NT Plant-Folding                            | 12R-20     | MFWD 190   | 77,500         | 150        | 8           | 0.098     | 2.68  | 3.84  | 2.85 0.66              | 10.04        | 6.23 4.68              | 20.96      |
| NT Plant-Folding                            | 12R-30     | MFWD 190   | 91,300         | 150        | 8           | 0.065     | 1.79  | 2.56  | 2.24 0.44              | 7.03         | 4.89 3.12              | 15.05      |

Appendix Table 6. Implements: estimated purchase price, annual use, useful life, performance rate,  
(Continued) and direct and fixed cost per acre, Louisiana 2024.

| 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-----    |           |            |                |            |             |           |       |      |                        |              |                        |            |
| NT Plant&Pre-Rigid   | 4R-30     | 2WD 130    | 41,900         | 150        | 8           | 0.211     | 6.14  | 4.95 | 3.32 0.89              | 15.32        | 8.02 6.70              | 30.04      |
| NT Plant&Pre-Rigid   | 4R-38     | 2WD 130    | 37,500         | 150        | 8           | 0.166     | 4.84  | 3.90 | 2.34 0.70              | 11.78        | 5.65 5.27              | 22.71      |
| NT Plant&Pre-Rigid   | 6R-30     | MFWD 150   | 50,800         | 150        | 8           | 0.141     | 4.09  | 3.81 | 2.68 0.75              | 11.34        | 6.48 5.64              | 23.47      |
| NT Plant&Pre-Rigid   | 6R-38     | MFWD 150   | 49,500         | 150        | 8           | 0.111     | 3.23  | 3.00 | 2.06 0.59              | 8.90         | 4.98 4.45              | 18.34      |
| NT Plant&Pre-Rigid   | 8R-22     | MFWD 170   | 26,219         | 150        | 8           | 0.143     | 4.18  | 4.40 | 1.41 0.90              | 10.90        | 3.41 6.99              | 21.31      |
| NT Plant&Pre-Rigid   | 8R-30     | MFWD 170   | 65,200         | 150        | 8           | 0.105     | 3.07  | 3.23 | 2.58 0.66              | 9.56         | 6.24 5.13              | 20.94      |
| NT Plant&Pre-Rigid   | 8R-38     | MFWD 170   | 62,300         | 150        | 8           | 0.077     | 2.24  | 2.36 | 1.80 0.48              | 6.89         | 4.35 3.74              | 14.99      |
| NT Plant&Pre-Rigid   | 10R-30    | MFWD 190   | 51,900         | 150        | 8           | 0.084     | 2.45  | 2.89 | 1.64 0.65              | 7.65         | 3.97 5.03              | 16.65      |
| NT Plant&Pre-Rigid   | 12R-20    | MFWD 190   | 66,600         | 150        | 8           | 0.105     | 3.07  | 3.62 | 2.64 0.81              | 10.14        | 6.37 6.28              | 22.81      |
| NT Plant&Pre-Rigid   | 12R-30    | MFWD 190   | 100,400        | 150        | 8           | 0.070     | 2.04  | 2.41 | 2.65 0.54              | 7.65         | 6.40 4.19              | 18.26      |
| NT Plant&Pre-Rigid   | 8R-38     | MFWD 170   | 77,700         | 150        | 8           | 0.077     | 2.25  | 2.37 | 2.26 0.48              | 7.38         | 5.46 3.77              | 16.61      |
| NT Plant-Folding     | 8R-38 2x1 | MFWD 170   | 109,000        | 150        | 8           | 0.051     | 1.50  | 1.58 | 2.11 0.32              | 5.52         | 5.10 2.51              | 13.13      |
| NT Plant-Folding     | 10R-30    | MFWD 190   | 52,061         | 150        | 8           | 0.078     | 2.28  | 2.68 | 1.53 0.60              | 7.11         | 3.70 4.67              | 15.48      |
| NT Plant-Folding     | 10R-38    | MFWD 190   | 47,646         | 150        | 8           | 0.061     | 1.80  | 2.12 | 1.10 0.47              | 5.50         | 2.67 3.68              | 11.86      |
| NT Plant-Folding     | 12R-20    | MFWD 190   | 77,500         | 150        | 8           | 0.098     | 2.85  | 3.36 | 2.85 0.75              | 9.82         | 6.89 5.83              | 22.55      |
| NT Plant-Folding     | 12R-30    | MFWD 190   | 97,600         | 150        | 8           | 0.065     | 1.90  | 2.24 | 2.39 0.50              | 7.04         | 5.78 3.89              | 16.72      |
| NT Plant-Folding     | 12R-38    | MFWD 190   | 109,000        | 150        | 8           | 0.051     | 1.50  | 1.76 | 2.11 0.39              | 5.78         | 5.10 3.07              | 13.95      |
| NT Plant-Folding     | 16R-30    | MFWD 190   | 182,000        | 150        | 8           | 0.049     | 1.42  | 1.68 | 3.35 0.37              | 6.83         | 8.09 2.91              | 17.84      |
| NT Plant-Folding     | 23R-15    | MFWD 190   | 207,000        | 150        | 8           | 0.068     | 1.98  | 2.33 | 5.29 0.52              | 10.13        | 12.77 4.05             | 26.97      |
| NT Plant-Folding     | 24R-20    | MFWD 190   | 244,000        | 150        | 8           | 0.049     | 1.42  | 1.68 | 4.49 0.37              | 7.97         | 10.84 2.91             | 21.74      |
| NT Plant-Folding     | 24R-30    | MFWD 190   | 208,000        | 150        | 8           | 0.032     | 0.95  | 1.12 | 2.55 0.25              | 4.87         | 6.16 1.94              | 12.98      |
| Plant - Rigid        | 4R-30     | 2WD 130    | 32,000         | 150        | 8           | 0.188     | 5.47  | 4.41 | 2.26 0.79              | 12.95        | 5.46 5.97              | 24.39      |
| Plant - Rigid        | 4R-38     | 2WD 130    | 27,600         | 150        | 8           | 0.148     | 4.31  | 3.47 | 1.53 0.62              | 9.95         | 3.70 4.70              | 18.37      |
| Plant - Rigid        | 6R-30     | MFWD 150   | 38,900         | 150        | 8           | 0.125     | 3.65  | 3.39 | 1.83 0.67              | 9.55         | 4.42 5.03              | 19.01      |
| Plant - Rigid        | 6R-38     | MFWD 150   | 37,500         | 150        | 8           | 0.099     | 2.88  | 2.68 | 1.39 0.53              | 7.49         | 3.36 3.97              | 14.83      |
| Plant - Rigid        | 8R-22     | MFWD 170   | 18,473         | 150        | 8           | 0.127     | 3.71  | 3.91 | 0.88 0.80              | 9.32         | 2.13 6.21              | 17.67      |
| Plant - Rigid        | 8R-30     | MFWD 170   | 51,300         | 150        | 8           | 0.094     | 2.73  | 2.88 | 1.81 0.59              | 8.03         | 4.37 4.58              | 16.99      |
| Plant - Rigid        | 8R-38     | MFWD 170   | 48,400         | 150        | 8           | 0.074     | 2.16  | 2.28 | 1.35 0.46              | 6.26         | 3.26 3.62              | 13.15      |
| Plant - Rigid        | 10R-30    | MFWD 190   | 40,700         | 150        | 8           | 0.075     | 2.19  | 2.58 | 1.15 0.57              | 6.50         | 2.77 4.48              | 13.76      |
| Plant - Rigid        | 12R-20    | MFWD 190   | 60,700         | 150        | 8           | 0.094     | 2.73  | 3.22 | 2.14 0.72              | 8.83         | 5.18 5.60              | 19.62      |
| Plant - Rigid        | 12R-30    | MFWD 190   | 77,800         | 150        | 8           | 0.062     | 1.82  | 2.15 | 1.83 0.48              | 6.29         | 4.42 3.73              | 14.45      |
| Plant - Rigid        | 15R-15    | 2WD 150    | 71,200         | 150        | 8           | 0.094     | 2.73  | 2.54 | 2.51 0.40              | 8.21         | 6.07 3.03              | 17.32      |
| Pull Levee (1m/80a)  | 4 blade   | 2WD 50     | 3,180          | 100        | 10          | 0.003     | 0.05  | 0.03 | 0.00 0.00              | 0.08         | 0.01 0.02              | 0.12       |
| Rice Grain Cart      | 500 Bu    | MFWD 190   | 35,100         | 200        | 12          | 0.057     | 0.82  | 1.95 | 0.54 0.43              | 3.76         | 1.21 3.39              | 8.37       |
| Rice Grain Cart      | 700 Bu    | MFWD 190   | 54,400         | 200        | 12          | 0.063     | 0.92  | 2.17 | 0.93 0.48              | 4.51         | 2.08 3.77              | 10.37      |
| Roller               | 32'       | MFWD 170   | 22,800         | 100        | 12          | 0.046     | 0.67  | 1.42 | 0.17 0.29              | 2.57         | 1.28 2.26              | 6.12       |
| Rotary Cutter        | 7'        | MFWD 130   | 6,580          | 185        | 10          | 0.168     | 2.44  | 3.94 | 0.89 0.89              | 8.18         | 0.79 6.73              | 15.71      |
| Rotary Cutter        | 12'       | 2WD 150    | 20,200         | 185        | 10          | 0.098     | 1.42  | 2.65 | 1.60 0.42              | 6.11         | 1.41 3.15              | 10.68      |
| Rotary Cutter        | 15'       | MFWD 150   | 27,300         | 185        | 10          | 0.078     | 1.14  | 2.12 | 1.73 0.41              | 5.42         | 1.53 3.14              | 10.10      |
| Row Cond & Inc       | 13'       | 2WD 130    | 18,700         | 100        | 10          | 0.137     | 2.82  | 3.69 | 0.64 0.50              | 7.67         | 3.09 3.45              | 14.21      |
| Row Cond & Inc       | 21'       | 2WD 170    | 26,900         | 100        | 10          | 0.085     | 1.75  | 2.98 | 0.57 0.44              | 5.75         | 2.75 3.13              | 11.64      |
| Row Cond & Inc       | 26'       | MFWD 190   | 29,300         | 100        | 10          | 0.063     | 1.30  | 2.48 | 0.46 0.42              | 4.67         | 2.22 3.02              | 9.92       |
| Row Cond & Inc       | 38'       | MFWD 225   | 40,100         | 100        | 10          | 0.047     | 0.96  | 2.18 | 0.47 0.40              | 4.03         | 2.26 2.87              | 9.18       |
| Row Cond & Inc       | 42'       | MFWD 225   | 20,400         | 100        | 10          | 0.040     | 0.82  | 1.86 | 0.20 0.34              | 3.23         | 0.98 2.45              | 6.67       |
| Row Cond (Plant)     | 13'       | 2WD 130    | 7,120          | 100        | 10          | 0.157     | 2.28  | 3.68 | 0.27 0.66              | 6.90         | 1.47 4.97              | 13.36      |
| Row Cond (Plant)     | 21'       | 2WD 170    | 11,700         | 100        | 10          | 0.097     | 1.41  | 2.97 | 0.28 0.50              | 5.18         | 1.50 3.90              | 10.59      |
| Row Cond (Plant)     | 27'       | MFWD 190   | 12,400         | 100        | 10          | 0.078     | 1.14  | 2.69 | 0.24 0.60              | 4.67         | 1.28 4.67              | 10.64      |
| Row Cond (Plant)     | 38'       | MFWD 225   | 16,587         | 100        | 10          | 0.053     | 0.78  | 2.17 | 0.22 0.51              | 3.70         | 1.17 4.01              | 8.89       |
| Row Cond (Plant)     | 42'       | MFWD 225   | 15,582         | 100        | 10          | 0.048     | 0.70  | 1.97 | 0.18 0.46              | 3.33         | 1.00 3.63              | 7.97       |
| RT Cult (Early)      | 8R-30     | 2WD 170    | 20,774         | 200        | 12          | 0.103     | 1.49  | 3.15 | 1.02 0.53              | 6.21         | 1.32 4.13              | 11.67      |
| RT Cult (Early)      | 12R-30    | 2WD 190    | 29,998         | 200        | 12          | 0.068     | 0.99  | 2.35 | 0.98 0.30              | 4.64         | 1.27 2.37              | 8.29       |
| RT Cult (Late)       | 8R-30     | 2WD 170    | 20,774         | 200        | 12          | 0.128     | 1.87  | 3.94 | 1.28 0.66              | 7.77         | 1.65 5.17              | 14.59      |
| RT Cult (Late)       | 12R-30    | 2WD 190    | 29,998         | 200        | 12          | 0.085     | 1.24  | 2.94 | 1.23 0.38              | 5.80         | 1.59 2.97              | 10.37      |
| RT Cult + PD (Early) | 8R-30     | 2WD 150    | 20,774         | 200        | 12          | 0.110     | 2.39  | 2.97 | 1.09 0.47              | 6.93         | 1.40 3.53              | 11.88      |
| RT Cult + PD (Early) | 12R-30    | MFWD 225   | 29,998         | 200        | 12          | 0.073     | 1.59  | 2.97 | 1.05 0.70              | 6.33         | 1.35 5.47              | 13.16      |
| RT Cult + PD (Late)  | 8R-30     | 2WD 170    | 26,264         | 200        | 12          | 0.137     | 2.99  | 4.21 | 1.73 0.71              | 9.65         | 2.22 5.51              | 17.39      |
| RT Cult + PD (Late)  | 12R-30    | 2WD 190    | 35,493         | 200        | 12          | 0.091     | 1.99  | 3.13 | 1.55 0.40              | 7.10         | 2.00 3.16              | 12.27      |
| Spin Spreader        | 5 ton     | MFWD 190   | 14,500         | 100        | 8           | 0.042     | 1.22  | 1.44 | 0.34 0.32              | 3.33         | 0.85 2.50              | 6.69       |
| Spin Spreader        | 5 ton     | MFWD 190   | 14,500         | 100        | 8           | 0.042     | 1.22  | 1.44 | 0.34 0.32              | 3.33         | 0.85 2.50              | 6.69       |
| Spray (Band)         | 27'       | MFWD 170   | 5,810          | 200        | 8           | 0.062     | 1.36  | 1.91 | 0.17 0.39              | 3.85         | 0.25 3.04              | 7.15       |
| Spray (Band)         | 40'       | MFWD 170   | 10,350         | 200        | 8           | 0.042     | 0.92  | 1.29 | 0.20 0.26              | 2.68         | 0.30 2.05              | 5.05       |
| Spray (Band)         | 50'       | MFWD 170   | 9,670          | 200        | 8           | 0.033     | 0.73  | 1.03 | 0.15 0.21              | 2.14         | 0.22 1.64              | 4.01       |
| Spray (Band)         | 53'       | MFWD 170   | 9,940          | 200        | 8           | 0.031     | 0.69  | 0.97 | 0.14 0.20              | 2.02         | 0.22 1.55              | 3.79       |
| Spray (Band)         | 60'       | MFWD 170   | 18,600         | 200        | 8           | 0.028     | 0.61  | 0.86 | 0.24 0.17              | 1.90         | 0.36 1.37              | 3.64       |
| Spray (Bcast/HB)     | 13' Rigid | MFWD 150   | 8,890          | 200        | 8           | 0.130     | 2.83  | 3.51 | 0.54 0.69              | 7.59         | 0.81 5.20              | 13.61      |
| Spray (Bcast/HB)     | 20' Rigid | 2WD 50     | 10,400         | 200        | 8           | 0.084     | 1.84  | 0.76 | 0.41 0.07              | 3.09         | 0.61 0.55              | 4.26       |
| Spray (Bcast/HB)     | 27' Fold  | MFWD 170   | 13,000         | 200        | 8           | 0.062     | 1.36  | 1.91 | 0.38 0.39              | 4.06         | 0.57 3.04              | 7.67       |
| Spray (Bcast/HB)     | 27' Rigid | MFWD 170   | 12,200         | 200        | 8           | 0.062     | 1.36  | 1.91 | 0.35 0.39              | 4.03         | 0.53 3.04              | 7.61       |
| Spray (Bcast/HB)     | 30' Fold  | MFWD 170   | 18,700         | 200        | 8           | 0.056     | 1.22  | 1.72 | 0.49 0.35              | 3.80         | 0.74 2.74              | 7.28       |
| Spray (Bcast/HB)     | 40' Fold  | MFWD 170   | 22,600         | 200        | 8           | 0.042     | 0.92  | 1.29 | 0.44 0.26              | 2.93         | 0.67 2.05              | 5.65       |
| Spray (Bcast/HB/HD)  | 27'       | MFWD 170   | 13,000         | 200        | 8           | 0.062     | 1.36  | 1.91 | 0.38 0.39              | 4.06         | 0.57 3.04              | 7.67       |
| Spray (Bcast/HB/HD)  | 40'       | MFWD 170   | 22,600         | 200        | 8           | 0.042     | 0.92  | 1.29 | 0.44 0.26              | 2.93         | 0.67 2.05              | 5.65       |
| Spray (Broadcast)    | 27'       | MFWD 170   | 5,810          | 200        | 8           | 0.062     | 1.36  | 1.91 | 0.17 0.39              | 3.85         | 0.25 3.04              | 7.15       |
| Spray (Broadcast)    | 40'       | MFWD 170   | 10,350         | 200        | 8           | 0.042     | 0.92  | 1.29 | 0.20 0.26              | 2.68         | 0.30 2.05              | 5.05       |
| Spray (Broadcast)    | 50'       | MFWD 170   | 9,670          | 200        | 8           | 0.033     | 0.73  | 1.03 | 0.15 0.21              | 2.14         | 0.22 1.64              | 4.01       |
| Spray (Broadcast)    | 53'       | MFWD 170   | 9,940          | 200        | 8           | 0.031     | 0.69  | 0.97 | 0.14 0.20              | 2.02         | 0.22 1.55              | 3.79       |
| Spray (Broadcast)    | 60'       | MFWD 170   | 18,600         | 200        | 8           | 0.028     | 0.61  | 0.86 | 0.24 0.17              | 1.90         | 0.36 1.37              | 3.64       |
| Spray (Direct/Hood)  | 8R-30     | MFWD 170   | 19,000         | 200        | 8           | 0.084     | 1.84  | 2.59 | 0.75 0.53              | 5.72         | 1.12 4.11              | 10.96      |
| Spray (Direct/Hood)  | 8R-38     | MFWD 170   | 19,800         | 200        | 8           | 0.066     | 1.45  | 2.04 | 0.62 0.42              | 4.54         | 0.92 3.24              | 8.72       |
| Spray (Direct/Hood)  | 12R-30    | MFWD 170   | 26,100         | 200        | 8           | 0.056     | 1.22  | 1.72 | 0.69 0.35              | 4.00         | 1.03 2.74              | 7.77       |

Appendix Table 6. Implements: estimated purchase price, annual use, useful life, performance rate,  
(Continued) and direct and fixed cost per acre, Louisiana 2024.

| 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 |       |
| Spray (Direct/Hood)  | 12R-38    | MFWD 170   | 26,100         | 200        | 8           | 0.044     | 0.97  | 1.36 | 0.54                   | 0.27         | 3.15                   | 0.81       | 2.16    | 6.13  |
| Spray (Direct/Layby) | 8R-30     | MFWD 170   | 19,500         | 200        | 8           | 0.084     | 1.84  | 2.59 | 0.77                   | 0.53         | 5.74                   | 1.15       | 4.11    | 11.01 |
| Spray (Direct/Layby) | 8R-38     | MFWD 170   | 19,500         | 200        | 8           | 0.066     | 1.45  | 2.04 | 0.61                   | 0.42         | 4.53                   | 0.91       | 3.24    | 8.70  |
| Spray (Direct/Layby) | 8R-38 2x1 | MFWD 170   | 29,500         | 200        | 8           | 0.044     | 0.97  | 1.36 | 0.61                   | 0.27         | 3.22                   | 0.92       | 2.16    | 6.31  |
| Spray (Direct/Layby) | 10R-30    | MFWD 170   | 12,200         | 200        | 8           | 0.067     | 1.47  | 2.07 | 0.38                   | 0.42         | 4.36                   | 0.57       | 3.28    | 8.22  |
| Spray (Direct/Layby) | 12R-30    | MFWD 170   | 29,500         | 200        | 8           | 0.056     | 1.22  | 1.72 | 0.78                   | 0.35         | 4.09                   | 1.16       | 2.74    | 8.00  |
| Spray (Direct/Layby) | 12R-38    | MFWD 170   | 29,500         | 200        | 8           | 0.044     | 0.97  | 1.36 | 0.61                   | 0.27         | 3.22                   | 0.92       | 2.16    | 6.31  |
| Spray (Direct/Layby) | 16R-20    | MFWD 170   | 34,600         | 200        | 8           | 0.063     | 1.38  | 1.94 | 1.02                   | 0.39         | 4.74                   | 1.53       | 3.07    | 9.36  |
| Spray (Spot)         | 27'       | MFWD 170   | 5,810          | 200        | 8           | 0.062     | 1.36  | 1.91 | 0.17                   | 0.39         | 3.85                   | 0.25       | 3.04    | 7.15  |
| Spray (Spot)         | 40'       | MFWD 170   | 10,350         | 200        | 8           | 0.042     | 0.92  | 1.29 | 0.20                   | 0.26         | 2.68                   | 0.30       | 2.05    | 5.05  |
| Spray (Spot)         | 50'       | MFWD 170   | 9,670          | 200        | 8           | 0.033     | 0.73  | 1.03 | 0.15                   | 0.21         | 2.14                   | 0.22       | 1.64    | 4.01  |
| Spray (Spot)         | 53'       | MFWD 170   | 10,100         | 200        | 8           | 0.031     | 0.69  | 0.97 | 0.15                   | 0.20         | 2.02                   | 0.22       | 1.55    | 3.80  |
| Spray (Spot)         | 60'       | MFWD 170   | 18,600         | 200        | 8           | 0.028     | 0.61  | 0.86 | 0.24                   | 0.17         | 1.90                   | 0.36       | 1.37    | 3.64  |
| Stalk Shredder       | 14'       | MFWD 150   | 36,300         | 200        | 10          | 0.117     | 1.71  | 3.18 | 3.74                   | 0.62         | 9.27                   | 2.82       | 4.71    | 16.81 |
| Stalk Shredder       | 20'       | MFWD 150   | 36,300         | 200        | 10          | 0.082     | 1.19  | 2.22 | 2.62                   | 0.44         | 6.48                   | 1.97       | 3.30    | 11.76 |
| Stalk Shredder-Flail | 12'       | MFWD 150   | 30,000         | 200        | 10          | 0.137     | 1.99  | 3.71 | 3.60                   | 0.73         | 10.05                  | 2.72       | 5.50    | 18.28 |
| Stalk Shredder-Flail | 20'       | MFWD 150   | 43,900         | 200        | 10          | 0.082     | 1.19  | 2.22 | 3.16                   | 0.44         | 7.03                   | 2.39       | 3.30    | 12.73 |
| Subsoiler            | 3 shank   | MFWD 190   | 5,690          | 100        | 15          | 0.204     | 2.96  | 6.99 | 0.38                   | 1.57         | 11.92                  | 1.27       | 12.14   | 25.34 |
| Subsoiler            | 4 shank   | MFWD 225   | 14,800         | 100        | 15          | 0.153     | 2.23  | 6.22 | 0.75                   | 1.48         | 10.70                  | 2.49       | 11.47   | 24.67 |
| Subsoiler            | 5 shank   | MFWD 225   | 18,300         | 100        | 15          | 0.122     | 1.77  | 4.95 | 0.74                   | 1.18         | 8.66                   | 2.45       | 9.13    | 20.26 |
| Subsoiler low-till   | 4 shank   | MFWD 225   | 9,830          | 100        | 15          | 0.153     | 2.23  | 6.22 | 0.50                   | 1.48         | 10.44                  | 1.65       | 11.47   | 23.57 |
| Subsoiler low-till   | 6 shank   | MFWD 225   | 26,600         | 100        | 15          | 0.102     | 1.48  | 4.14 | 0.90                   | 0.98         | 7.51                   | 2.98       | 7.63    | 18.13 |
| Subsoiler low-till   | 8 shank   | MFWD 225   | 25,700         | 100        | 15          | 0.076     | 1.11  | 3.10 | 0.65                   | 0.73         | 5.60                   | 2.15       | 5.71    | 13.48 |
| TerraTill Bed w/roll | 4R-38     | MFWD 225   | 14,300         | 150        | 12          | 0.160     | 2.33  | 6.52 | 0.83                   | 1.55         | 11.24                  | 1.85       | 12.01   | 25.11 |
| TerraTill Bed w/roll | 6R-38     | MFWD 225   | 19,400         | 150        | 12          | 0.107     | 1.56  | 4.35 | 0.75                   | 1.03         | 7.71                   | 1.68       | 8.03    | 17.42 |
| TerraTill Bed w/roll | 4R-30     | MFWD 225   | 14,300         | 150        | 12          | 0.204     | 2.96  | 8.28 | 1.05                   | 1.97         | 14.27                  | 2.35       | 15.25   | 31.89 |
| TerraTill Bed w/roll | 6R-30     | MFWD 225   | 15,310         | 150        | 12          | 0.136     | 1.97  | 5.52 | 0.75                   | 1.31         | 9.56                   | 1.67       | 10.17   | 21.42 |