

Farm Revenues and Profitability for Mississippi Row Crop Producers: 2016



This report is intended as a guide for producers and farm financial specialists to estimate expected farm profitability per acre for selected Mississippi row crops. Crops in this report include corn, soybeans, rice, wheat, sorghum, peanuts, and sweet potatoes. Distinctions are made between irrigated and non-irrigated crops for corn, soybeans, and cotton as these crops typically have large amounts of planted acres in both categories. Other crops either are primarily not irrigated, such as sorghum and wheat, or are mostly produced on irrigated land, as is the case with rice.

Soybeans, cotton, and corn are further subdivided into Delta and non-Delta regions in Mississippi. Irrigated farmland in the non-Delta area is not included in this report due to its infrequency; however, the Delta irrigated tables may be used to estimate non-Delta numbers by adjusting the cash rental rate down by approximately \$50 per acre. **Figure 1** illustrates the regional distinction between Delta and non-Delta areas. Production cost data, including operating and fixed costs for each crop, were calculated using the Mississippi State University enterprise budgets for 2016. Most crops, especially corn, cotton, and rice, have multiple irrigated and non-irrigated budgets using different cropping practices within specific regions. In such cases, the operating (direct) and fixed (specified) expenses were averaged across methods while maintaining the same yield goal. Peanuts, sweet potatoes, grain sorghum, and wheat use a statewide budget.

Cash rental rates for each crop/region/watering practice were taken from the 2016 survey of Mississippi lenders (MSU Extension Publication 2967 *Mississippi Agricultural Land Values and Cash Rents Report: 2016 Survey of Lenders*). Peanuts, sweet potatoes, sorghum, and wheat are evaluated using the statewide non-Delta cash rental rate, while rice uses only the Delta area rental rate for irrigated tracts. Cotton, corn, and soybeans use the average rental rate with the corresponding location and irrigation considerations.

Table 1 details the direct (operating), specified (fixed), and rental costs for irrigated and non-irrigated crops in Mississippi's two distinct regions. Costs are statewide for rice, sorghum, wheat, peanuts, and sweet potatoes. The projected prices for peanuts and sweet potatoes are from the USDA Economic Research Service (<http://www.ers.usda.gov/data-products/>).

Price projections for corn, soybeans, wheat, sorghum, rice, and cotton are from the University of Missouri's Food and Agricultural Policy Research Institute (<https://www.fapri.missouri.edu/wp-content/uploads/2016/05/Bulletin-02-16.pdf>).

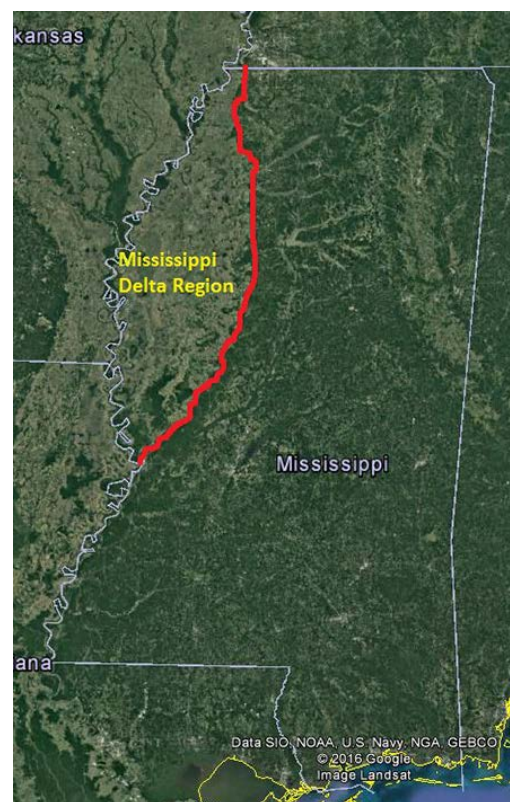


Figure 1. The Mississippi Delta Region. Map created from Google Earth.

With the exception of sweet potatoes, row crop production expenses are highest for rice and Delta irrigated and non-irrigated cotton, as all three are well above \$800 an acre on average, including fixed and operating expenses. The most inexpensive crops to produce are dry-land soybeans, sorghum, and wheat, with all three being produced at a specified operating and fixed expense below \$400 per acre. Irrigated corn, non-Delta cotton, and peanuts are all above \$700 per acre in specified expenses. Dry-land corn and Delta irrigated soybeans require nearly \$500 per acre in specified expenses.

Tables 2–29 present returns above operating expenses, returns above fixed (specified) expenses, and rent for each of the crops, irrigation statuses, and regions presented in **Table 1**. The top row in each table gives a price assumption, while the left column presents a yield assumption. Target yields for each crop are presented in bold on the left side of each chart, while the FAPRI projections for price are in bold across the top row and are rounded to the nearest projected price.

Table 1. Operating, fixed, and rent expenses in dollars per acre with yield expectations and forecasted prices in commodity-specified units.

Crop/Area/Irrigation	Direct Expense	Specified Expense	Rent	Yield Expectation	Price Projection
Delta irrigated corn	\$599.17	\$702.98	\$176	210 bu/acre	\$3.48/bu
Delta non-irrigated corn	\$442.97	\$488.63	\$117	150 bu/acre	
Non-Delta corn	\$420.96	\$463.98	\$79	135 bu/acre	
*Delta irrigated cotton	\$752.64	\$872.32	\$176	1,100 lb/acre	\$0.57/lb
*Delta non-irrigated cotton	\$718.95	\$827.96	\$117	900 lb/acre	
*Non-Delta cotton	\$602.62	\$715.32	\$79	750 lb/acre	
Delta irrigated soybeans	\$398.24	\$478.26	\$176	54 bu/acre	\$9.08/bu
Delta non-irrigated soybeans	\$352.21	\$390.69	\$117	42 bu/acre	
Non-Delta soybeans	\$284.48	\$320.14	\$79	40 bu/acre	
Rice	\$732.52	\$848.44	\$176	156 bu/acre	\$5.75/bu
Sorghum	\$358.35	\$396.33	\$79	100 bu/acre	\$3.25/bu
Wheat	\$360.78	\$390.99	\$79	70 bu/acre	\$4.69/bu
Peanuts	\$631.51	\$740.08	\$79	1.8 ton/acre	\$382/ton
Sweet potatoes	\$3,578.53	\$3,752.84	\$79	180 cwt/acre	\$19.10/cwt

*Expect cotton seed production of 1,650 lb for Delta irrigated cotton, 1,350 lb for Delta non-irrigated cotton, and 1,125 lb for non-Delta cotton at an expected price of \$0.11 per lb.

Profit/loss estimates are in dollars per acre. If we use Delta irrigated corn in **Table 2** as an example, a price per bushel of \$3.70 and a yield of 200 bu/acre would net a return above operating expenses of \$140.83/acre and a return above fixed (specified) expense and rent (see **Table 3**) of -\$138.98 per acre. Individual results may vary de-

pending on farm-specific variations in operating costs and rental rates negotiated. Sale of cotton seed is included in the revenue calculation at each price/yield combination for cotton only. Projected government payments are not included in any revenue calculation.

Guide to Net Returns per Acre Tables

Tables 2 and 3	Delta Irrigated Corn
Tables 4 and 5	Delta Non-irrigated Corn
Tables 6 and 7	Non-Delta Non-irrigated Corn
Tables 8 and 9	Delta Irrigated Cotton
Tables 10 and 11	Delta Non-irrigated Cotton
Tables 12 and 13	Non-Delta Non-irrigated Cotton
Tables 14 and 15	Delta Irrigated Soybeans
Tables 16 and 17	Delta Non-irrigated Soybeans
Tables 18 and 19	Non-Delta Non-irrigated Soybeans
Tables 20 and 21	Delta Irrigated Rice
Tables 22 and 23	Statewide Peanuts
Tables 24 and 25	Statewide Sweet Potatoes
Tables 26 and 27	Statewide Grain Sorghum
Tables 28 and 29	Statewide Wheat

Table 2. Returns above operating expenses for Delta irrigated corn (210 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$2.90	\$3.10	\$3.30	\$3.50	\$3.70	\$3.90	\$4.10	\$4.30	\$4.50	\$4.70
140	(\$193.17)	(\$165.17)	(\$137.17)	(\$109.17)	(\$81.17)	(\$53.17)	(\$25.17)	\$2.83	\$30.83	\$58.83
150	(\$164.17)	(\$134.17)	(\$104.17)	(\$74.17)	(\$44.17)	(\$14.17)	\$15.83	\$45.83	\$75.83	\$105.83
160	(\$135.17)	(\$103.17)	(\$71.17)	(\$39.17)	(\$7.17)	\$24.83	\$56.83	\$88.83	\$120.83	\$152.83
170	(\$106.17)	(\$72.17)	(\$38.17)	(\$4.17)	\$29.83	\$63.83	\$97.83	\$131.83	\$165.83	\$199.83
180	(\$77.17)	(\$41.17)	(\$5.17)	\$30.83	\$66.83	\$102.83	\$138.83	\$174.83	\$210.83	\$246.83
190	(\$48.17)	(\$10.17)	\$27.83	\$65.83	\$103.83	\$141.83	\$179.83	\$217.83	\$255.83	\$293.83
200	(\$19.17)	\$20.83	\$60.83	\$100.83	\$140.83	\$180.83	\$220.83	\$260.83	\$300.83	\$340.83
210	\$9.83	\$51.83	\$93.83	\$135.83	\$177.83	\$219.83	\$261.83	\$303.83	\$345.83	\$387.83
220	\$38.83	\$82.83	\$126.83	\$170.83	\$214.83	\$258.83	\$302.83	\$346.83	\$390.83	\$434.83
230	\$67.83	\$113.83	\$159.83	\$205.83	\$251.83	\$297.83	\$343.83	\$389.83	\$435.83	\$481.83

Table 3. Returns above specified expenses and rent for Delta irrigated corn (210 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$2.90	\$3.10	\$3.30	\$3.50	\$3.70	\$3.90	\$4.10	\$4.30	\$4.50	\$4.70
140	(\$472.98)	(\$444.98)	(\$416.98)	(\$388.98)	(\$360.98)	(\$332.98)	(\$304.98)	(\$276.98)	(\$248.98)	(\$220.98)
150	(\$443.98)	(\$413.98)	(\$383.98)	(\$353.98)	(\$323.98)	(\$293.98)	(\$263.98)	(\$233.98)	(\$203.98)	(\$173.98)
160	(\$414.98)	(\$382.98)	(\$350.98)	(\$318.98)	(\$286.98)	(\$254.98)	(\$222.98)	(\$190.98)	(\$158.98)	(\$126.98)
170	(\$385.98)	(\$351.98)	(\$317.98)	(\$283.98)	(\$249.98)	(\$215.98)	(\$181.98)	(\$147.98)	(\$113.98)	(\$79.98)
180	(\$356.98)	(\$320.98)	(\$284.98)	(\$248.98)	(\$212.98)	(\$176.98)	(\$140.98)	(\$104.98)	(\$68.98)	(\$32.98)
190	(\$327.98)	(\$289.98)	(\$251.98)	(\$213.98)	(\$175.98)	(\$137.98)	(\$99.98)	(\$61.98)	(\$23.98)	\$14.02
200	(\$298.98)	(\$258.98)	(\$218.98)	(\$178.98)	(\$138.98)	(\$98.98)	(\$58.98)	(\$18.98)	\$21.02	\$61.02
210	(\$269.98)	(\$227.98)	(\$185.98)	(\$143.98)	(\$101.98)	(\$59.98)	(\$17.98)	\$24.02	\$66.02	\$108.02
220	(\$240.98)	(\$196.98)	(\$152.98)	(\$108.98)	(\$64.98)	(\$20.98)	\$23.02	\$67.02	\$111.02	\$155.02
230	(\$211.98)	(\$165.98)	(\$119.98)	(\$73.98)	(\$27.98)	\$18.02	\$64.02	\$110.02	\$156.02	\$202.02

Table 4. Returns above operating expenses and rent for Delta non-irrigated corn (150 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$2.90	\$3.10	\$3.30	\$3.50	\$3.70	\$3.90	\$4.10	\$4.30	\$4.50	\$4.70
80	(\$210.97)	(\$194.97)	(\$178.97)	(\$162.97)	(\$146.97)	(\$130.97)	(\$114.97)	(\$98.97)	(\$82.97)	(\$66.97)
90	(\$181.97)	(\$163.97)	(\$145.97)	(\$127.97)	(\$109.97)	(\$91.97)	(\$73.97)	(\$55.97)	(\$37.97)	(\$19.97)
100	(\$152.97)	(\$132.97)	(\$112.97)	(\$92.97)	(\$72.97)	(\$52.97)	(\$32.97)	(\$12.97)	\$7.03	\$27.03
110	(\$123.97)	(\$101.97)	(\$79.97)	(\$57.97)	(\$35.97)	(\$13.97)	\$8.03	\$30.03	\$52.03	\$74.03
120	(\$94.97)	(\$70.97)	(\$46.97)	(\$22.97)	\$1.03	\$25.03	\$49.03	\$73.03	\$97.03	\$121.03
130	(\$65.97)	(\$39.97)	(\$13.97)	\$12.03	\$38.03	\$64.03	\$90.03	\$116.03	\$142.03	\$168.03
140	(\$36.97)	(\$8.97)	\$19.03	\$47.03	\$75.03	\$103.03	\$131.03	\$159.03	\$187.03	\$215.03
150	(\$7.97)	\$22.03	\$52.03	\$82.03	\$112.03	\$142.03	\$172.03	\$202.03	\$232.03	\$262.03
160	\$21.03	\$53.03	\$85.03	\$117.03	\$149.03	\$181.03	\$213.03	\$245.03	\$277.03	\$309.03
170	\$50.03	\$84.03	\$118.03	\$152.03	\$186.03	\$220.03	\$254.03	\$288.03	\$322.03	\$356.03

Table 5. Returns above specified expenses and rent for non-irrigated Delta corn (150 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$2.90	\$3.10	\$3.30	\$3.50	\$3.70	\$3.90	\$4.10	\$4.30	\$4.50	\$4.70
80	(\$373.63)	(\$357.63)	(\$341.63)	(\$325.63)	(\$309.63)	(\$293.63)	(\$277.63)	(\$261.63)	(\$245.63)	(\$229.63)
90	(\$344.63)	(\$326.63)	(\$308.63)	(\$290.63)	(\$272.63)	(\$254.63)	(\$236.63)	(\$218.63)	(\$200.63)	(\$182.63)
100	(\$315.63)	(\$295.63)	(\$275.63)	(\$255.63)	(\$235.63)	(\$215.63)	(\$195.63)	(\$175.63)	(\$155.63)	(\$135.63)
110	(\$286.63)	(\$264.63)	(\$242.63)	(\$220.63)	(\$198.63)	(\$176.63)	(\$154.63)	(\$132.63)	(\$110.63)	(\$88.63)
120	(\$257.63)	(\$233.63)	(\$209.63)	(\$185.63)	(\$161.63)	(\$137.63)	(\$113.63)	(\$89.63)	(\$65.63)	(\$41.63)
130	(\$228.63)	(\$202.63)	(\$176.63)	(\$150.63)	(\$124.63)	(\$98.63)	(\$72.63)	(\$46.63)	(\$20.63)	\$5.37
140	(\$199.63)	(\$171.63)	(\$143.63)	(\$115.63)	(\$87.63)	(\$59.63)	(\$31.63)	(\$3.63)	\$24.37	\$52.37
150	(\$170.63)	(\$140.63)	(\$110.63)	(\$80.63)	(\$50.63)	(\$20.63)	\$9.37	\$39.37	\$69.37	\$99.37
160	(\$141.63)	(\$109.63)	(\$77.63)	(\$45.63)	(\$13.63)	\$18.37	\$50.37	\$82.37	\$114.37	\$146.37
170	(\$112.63)	(\$78.63)	(\$44.63)	(\$10.63)	\$23.37	\$57.37	\$91.37	\$125.37	\$159.37	\$193.37

Table 6. Returns above operating expenses for non-Delta corn (135 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$2.90	\$3.10	\$3.30	\$3.50	\$3.70	\$3.90	\$4.10	\$4.30	\$4.50	\$4.70
72	(\$211.73)	(\$197.30)	(\$182.87)	(\$168.44)	(\$154.01)	(\$139.58)	(\$125.15)	(\$110.72)	(\$96.29)	(\$81.86)
83	(\$179.54)	(\$162.89)	(\$146.24)	(\$129.59)	(\$112.94)	(\$96.28)	(\$79.63)	(\$62.99)	(\$46.33)	(\$29.68)
94	(\$147.35)	(\$128.48)	(\$109.61)	(\$90.74)	(\$71.87)	(\$52.99)	(\$34.13)	(\$15.25)	\$3.62	\$22.49
105	(\$115.16)	(\$94.06)	(\$72.98)	(\$51.89)	(\$30.80)	(\$9.70)	\$11.39	\$32.48	\$53.57	\$74.66
117	(\$82.97)	(\$59.65)	(\$36.35)	(\$13.03)	\$10.28	\$33.59	\$56.90	\$80.21	\$103.52	\$126.83
128	(\$50.78)	(\$25.24)	\$0.29	\$25.82	\$51.35	\$76.88	\$102.41	\$127.94	\$153.47	\$179.00
135	(\$29.46)	(\$2.46)	\$24.54	\$51.54	\$78.54	\$105.54	\$132.54	\$159.54	\$186.54	\$213.54
149	\$9.69	\$39.39	\$69.09	\$98.79	\$128.49	\$158.19	\$187.89	\$217.59	\$247.29	\$276.99
160	\$41.59	\$73.49	\$105.39	\$137.29	\$169.19	\$201.09	\$232.99	\$264.89	\$296.79	\$328.69
165	\$57.54	\$90.54	\$123.54	\$156.54	\$189.54	\$222.54	\$255.54	\$288.54	\$321.54	\$354.54

Table 7. Returns above specified expenses and rent for non-Delta corn (135 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$2.90	\$3.10	\$3.30	\$3.50	\$3.70	\$3.90	\$4.10	\$4.30	\$4.50	\$4.70
72	(\$333.75)	(\$319.32)	(\$304.89)	(\$290.46)	(\$276.03)	(\$261.60)	(\$247.17)	(\$232.74)	(\$218.31)	(\$203.88)
83	(\$301.56)	(\$284.91)	(\$268.26)	(\$251.61)	(\$234.96)	(\$218.31)	(\$201.66)	(\$185.01)	(\$168.36)	(\$151.71)
94	(\$269.37)	(\$250.50)	(\$231.63)	(\$212.76)	(\$193.89)	(\$175.02)	(\$156.15)	(\$137.28)	(\$118.41)	(\$99.54)
105	(\$237.18)	(\$216.09)	(\$195.00)	(\$173.91)	(\$152.82)	(\$131.73)	(\$110.64)	(\$89.55)	(\$68.46)	(\$47.37)
117	(\$204.99)	(\$181.68)	(\$158.37)	(\$135.06)	(\$111.75)	(\$88.44)	(\$65.13)	(\$41.82)	(\$18.51)	\$4.81
128	(\$172.80)	(\$147.27)	(\$121.74)	(\$96.21)	(\$70.68)	(\$45.15)	(\$19.62)	\$5.91	\$31.45	\$56.98
135	(\$151.48)	(\$124.48)	(\$97.48)	(\$70.48)	(\$43.48)	(\$16.48)	\$10.52	\$37.52	\$64.52	\$91.52
149	(\$112.33)	(\$82.63)	(\$52.93)	(\$23.23)	\$6.47	\$36.17	\$65.87	\$95.57	\$125.27	\$154.97
160	(\$80.43)	(\$48.53)	(\$16.63)	\$15.27	\$47.17	\$79.07	\$110.97	\$142.87	\$174.77	\$206.67
165	(\$64.48)	(\$31.48)	\$1.52	\$34.52	\$67.52	\$100.52	\$133.52	\$166.52	\$199.52	\$232.52

Table 8. Returns above operating expense for Delta irrigated cotton (1,100 lb/acre yield goal).										
	Price in dollars per pound									
Yield lb/Acre	\$0.50	\$0.55	\$0.60	\$0.65	\$0.70	\$0.75	\$0.80	\$0.85	\$0.90	\$0.95
550	(\$386.89)	(\$359.39)	(\$331.89)	(\$304.39)	(\$276.89)	(\$249.39)	(\$221.89)	(\$194.39)	(\$166.89)	(\$139.39)
660	(\$313.74)	(\$280.74)	(\$247.74)	(\$214.74)	(\$181.74)	(\$148.74)	(\$115.74)	(\$82.74)	(\$49.74)	(\$16.74)
770	(\$240.59)	(\$202.09)	(\$163.59)	(\$125.09)	(\$86.59)	(\$48.09)	(\$9.59)	\$28.91	\$67.41	\$105.91
880	(\$167.44)	(\$123.44)	(\$79.44)	(\$35.44)	\$8.56	\$52.56	\$96.56	\$140.56	\$184.56	\$228.56
990	(\$94.29)	(\$44.79)	\$4.71	\$54.21	\$103.71	\$153.21	\$202.71	\$252.21	\$301.71	\$351.21
1100	(\$21.14)	\$33.86	\$88.86	\$143.86	\$198.86	\$253.86	\$308.86	\$363.86	\$418.86	\$473.86
1210	\$52.01	\$112.51	\$173.01	\$233.51	\$294.01	\$354.51	\$415.01	\$475.51	\$536.01	\$596.51
1320	\$125.16	\$191.16	\$257.16	\$323.16	\$389.16	\$455.16	\$521.16	\$587.16	\$653.16	\$719.16
1430	\$198.31	\$269.81	\$341.31	\$412.81	\$484.31	\$555.81	\$627.31	\$698.81	\$770.31	\$841.81
1540	\$271.46	\$348.46	\$425.46	\$502.46	\$579.46	\$656.46	\$733.46	\$810.46	\$887.46	\$964.46

Table 9. Returns above specified expense for Delta irrigated cotton (1,100 lb/acre yield goal).										
	Price in dollars per pound									
Yield lb/Acre	\$0.50	\$0.55	\$0.60	\$0.65	\$0.70	\$0.75	\$0.80	\$0.85	\$0.90	\$0.95
550	(\$682.57)	(\$655.07)	(\$627.57)	(\$600.07)	(\$572.57)	(\$545.07)	(\$517.57)	(\$490.07)	(\$462.57)	(\$435.07)
660	(\$609.42)	(\$576.42)	(\$543.42)	(\$510.42)	(\$477.42)	(\$444.42)	(\$411.42)	(\$378.42)	(\$345.42)	(\$312.42)
770	(\$536.27)	(\$497.77)	(\$459.27)	(\$420.77)	(\$382.27)	(\$343.77)	(\$305.27)	(\$266.77)	(\$228.27)	(\$189.77)
880	(\$463.12)	(\$419.12)	(\$375.12)	(\$331.12)	(\$287.12)	(\$243.12)	(\$199.12)	(\$155.12)	(\$111.12)	(\$67.12)
990	(\$389.97)	(\$340.47)	(\$290.97)	(\$241.47)	(\$191.97)	(\$142.47)	(\$92.97)	(\$43.47)	\$6.03	\$55.53
1100	(\$316.82)	(\$261.82)	(\$206.82)	(\$151.82)	(\$96.82)	(\$41.82)	\$13.18	\$68.18	\$123.18	\$178.18
1210	(\$243.67)	(\$183.17)	(\$122.67)	(\$62.17)	(\$1.67)	\$58.83	\$119.33	\$179.83	\$240.33	\$300.83
1320	(\$170.52)	(\$104.52)	(\$38.52)	\$27.48	\$93.48	\$159.48	\$225.48	\$291.48	\$357.48	\$423.48
1430	(\$97.37)	(\$25.87)	\$45.63	\$117.13	\$188.63	\$260.13	\$331.63	\$403.13	\$474.63	\$546.13
1540	(\$24.22)	\$52.78	\$129.78	\$206.78	\$283.78	\$360.78	\$437.78	\$514.78	\$591.78	\$668.78

Table 10. Returns above operating expenses for Delta non-irrigated cotton (900 lb/acre yield goal).										
	Price in dollars per pound									
Yield lb/Acre	\$0.50	\$0.55	\$0.60	\$0.65	\$0.70	\$0.75	\$0.80	\$0.85	\$0.90	\$0.95
450	(\$419.70)	(\$397.20)	(\$374.70)	(\$352.20)	(\$329.70)	(\$307.20)	(\$284.70)	(\$262.20)	(\$239.70)	(\$217.20)
540	(\$359.85)	(\$332.85)	(\$305.85)	(\$278.85)	(\$251.85)	(\$224.85)	(\$197.85)	(\$170.85)	(\$143.85)	(\$116.85)
630	(\$300.00)	(\$268.50)	(\$237.00)	(\$205.50)	(\$174.00)	(\$142.50)	(\$111.00)	(\$79.50)	(\$48.00)	(\$16.50)
720	(\$240.15)	(\$204.15)	(\$168.15)	(\$132.15)	(\$96.15)	(\$60.15)	(\$24.15)	\$11.85	\$47.85	\$83.85
810	(\$180.30)	(\$139.80)	(\$99.30)	(\$58.80)	(\$18.30)	\$22.20	\$62.70	\$103.20	\$143.70	\$184.20
900	(\$120.45)	(\$75.45)	(\$30.45)	\$14.55	\$59.55	\$104.55	\$149.55	\$194.55	\$239.55	\$284.55
990	(\$60.60)	(\$11.10)	\$38.40	\$87.90	\$137.40	\$186.90	\$236.40	\$285.90	\$335.40	\$384.90
1080	(\$0.75)	\$53.25	\$107.25	\$161.25	\$215.25	\$269.25	\$323.25	\$377.25	\$431.25	\$485.25
1170	\$59.10	\$117.60	\$176.10	\$234.60	\$293.10	\$351.60	\$410.10	\$468.60	\$527.10	\$585.60
1450	\$245.30	\$317.80	\$390.30	\$462.80	\$535.30	\$607.80	\$680.30	\$752.80	\$825.30	\$897.80

Table 11. Returns above specified expenses and rent for Delta non-irrigated cotton (900 lb/acre yield goal).

	Price in dollars per pound									
Yield lb/Acre	\$0.50	\$0.55	\$0.60	\$0.65	\$0.70	\$0.75	\$0.80	\$0.85	\$0.90	\$0.95
450	(\$645.71)	(\$623.21)	(\$600.71)	(\$578.21)	(\$555.71)	(\$533.21)	(\$510.71)	(\$488.21)	(\$465.71)	(\$443.21)
540	(\$585.86)	(\$558.86)	(\$531.86)	(\$504.86)	(\$477.86)	(\$450.86)	(\$423.86)	(\$396.86)	(\$369.86)	(\$342.86)
630	(\$526.01)	(\$494.51)	(\$463.01)	(\$431.51)	(\$400.01)	(\$368.51)	(\$337.01)	(\$305.51)	(\$274.01)	(\$242.51)
720	(\$466.16)	(\$430.16)	(\$394.16)	(\$358.16)	(\$322.16)	(\$286.16)	(\$250.16)	(\$214.16)	(\$178.16)	(\$142.16)
810	(\$406.31)	(\$365.81)	(\$325.31)	(\$284.81)	(\$244.31)	(\$203.81)	(\$163.31)	(\$122.81)	(\$82.31)	(\$41.81)
900	(\$346.46)	(\$301.46)	(\$256.46)	(\$211.46)	(\$166.46)	(\$121.46)	(\$76.46)	(\$31.46)	\$13.54	\$58.54
990	(\$286.61)	(\$237.11)	(\$187.61)	(\$138.11)	(\$88.61)	(\$39.11)	\$10.39	\$59.89	\$109.39	\$158.89
1080	(\$226.76)	(\$172.76)	(\$118.76)	(\$64.76)	(\$10.76)	\$43.24	\$97.24	\$151.24	\$205.24	\$259.24
1170	(\$166.91)	(\$108.41)	(\$49.91)	\$8.59	\$67.09	\$125.59	\$184.09	\$242.59	\$301.09	\$359.59
1450	\$19.29	\$91.79	\$164.29	\$236.79	\$309.29	\$381.79	\$454.29	\$526.79	\$599.29	\$671.79

Table 12. Returns above operating expenses for non-Delta cotton (750 lb/acre yield goal).

	Price in dollars per pound									
Yield lb/Acre	\$0.50	\$0.55	\$0.60	\$0.65	\$0.70	\$0.75	\$0.80	\$0.85	\$0.90	\$0.95
375	(\$353.25)	(\$334.50)	(\$315.75)	(\$297.00)	(\$278.25)	(\$259.50)	(\$240.75)	(\$222.00)	(\$203.25)	(\$184.50)
450	(\$303.37)	(\$280.87)	(\$258.37)	(\$235.87)	(\$213.37)	(\$190.87)	(\$168.37)	(\$145.87)	(\$123.37)	(\$100.87)
525	(\$253.50)	(\$227.25)	(\$201.00)	(\$174.75)	(\$148.50)	(\$122.25)	(\$96.00)	(\$69.75)	(\$43.50)	(\$17.25)
600	(\$203.62)	(\$173.62)	(\$143.62)	(\$113.62)	(\$83.62)	(\$53.62)	(\$23.62)	\$6.38	\$36.38	\$66.38
675	(\$153.75)	(\$120.00)	(\$86.25)	(\$52.50)	(\$18.75)	\$15.01	\$48.76	\$82.51	\$116.26	\$150.01
750	(\$103.87)	(\$66.37)	(\$28.87)	\$8.63	\$46.13	\$83.63	\$121.13	\$158.63	\$196.13	\$233.63
825	(\$54.00)	(\$12.74)	\$28.51	\$69.76	\$111.01	\$152.26	\$193.51	\$234.76	\$276.01	\$317.26
900	(\$4.12)	\$40.88	\$85.88	\$130.88	\$175.88	\$220.88	\$265.88	\$310.88	\$355.88	\$400.88
975	\$45.76	\$94.51	\$143.26	\$192.01	\$240.76	\$289.51	\$338.26	\$387.01	\$435.76	\$484.51
1050	\$95.63	\$148.13	\$200.63	\$253.13	\$305.63	\$358.13	\$410.63	\$463.13	\$515.63	\$568.13

Table 13. Returns above specified expenses and rent for non-Delta cotton (750 lb/acre yield goal).

	Price in dollars per pound									
Yield lb/Acre	\$0.50	\$0.55	\$0.60	\$0.65	\$0.70	\$0.75	\$0.80	\$0.85	\$0.90	\$0.95
375	(\$544.95)	(\$526.20)	(\$507.45)	(\$488.70)	(\$469.95)	(\$451.20)	(\$432.45)	(\$413.70)	(\$394.95)	(\$376.20)
450	(\$495.07)	(\$472.57)	(\$450.07)	(\$427.57)	(\$405.07)	(\$382.57)	(\$360.07)	(\$337.57)	(\$315.07)	(\$292.57)
525	(\$445.20)	(\$418.95)	(\$392.70)	(\$366.45)	(\$340.20)	(\$313.95)	(\$287.70)	(\$261.45)	(\$235.20)	(\$208.95)
600	(\$395.32)	(\$365.32)	(\$335.32)	(\$305.32)	(\$275.32)	(\$245.32)	(\$215.32)	(\$185.32)	(\$155.32)	(\$125.32)
675	(\$345.45)	(\$311.70)	(\$277.95)	(\$244.20)	(\$210.45)	(\$176.70)	(\$142.95)	(\$109.20)	(\$75.45)	(\$41.70)
750	(\$295.57)	(\$258.07)	(\$220.57)	(\$183.07)	(\$145.57)	(\$108.07)	(\$70.57)	(\$33.07)	\$4.43	\$41.93
825	(\$245.70)	(\$204.45)	(\$163.20)	(\$121.95)	(\$80.70)	(\$39.45)	\$1.80	\$43.05	\$84.30	\$125.56
900	(\$195.82)	(\$150.82)	(\$105.82)	(\$60.82)	(\$15.82)	\$29.18	\$74.18	\$119.18	\$164.18	\$209.18
975	(\$145.95)	(\$97.20)	(\$48.45)	\$0.30	\$49.05	\$97.80	\$146.56	\$195.31	\$244.06	\$292.81
1050	(\$96.07)	(\$43.57)	\$8.93	\$61.43	\$113.93	\$166.43	\$218.93	\$271.43	\$323.93	\$376.43

Table 14. Returns above operating costs for Delta irrigated soybeans (54 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$7.18	\$7.63	\$8.08	\$8.53	\$8.98	\$9.42	\$9.87	\$10.32	\$10.77	\$11.22
24	(\$225.92)	(\$215.12)	(\$204.32)	(\$193.52)	(\$182.72)	(\$172.16)	(\$161.36)	(\$150.56)	(\$139.76)	(\$128.96)
30	(\$182.84)	(\$169.34)	(\$155.84)	(\$142.34)	(\$128.84)	(\$115.64)	(\$102.14)	(\$88.64)	(\$75.14)	(\$61.64)
36	(\$139.76)	(\$123.56)	(\$107.36)	(\$91.16)	(\$74.96)	(\$59.12)	(\$42.92)	(\$26.72)	(\$10.52)	\$5.68
42	(\$96.68)	(\$77.78)	(\$58.88)	(\$39.98)	(\$21.08)	(\$2.60)	\$16.30	\$35.20	\$54.10	\$73.00
48	(\$53.60)	(\$32.00)	(\$10.40)	\$11.20	\$32.80	\$53.92	\$75.52	\$97.12	\$118.72	\$140.32
54	(\$10.52)	\$13.78	\$38.08	\$62.38	\$86.68	\$110.44	\$134.74	\$159.04	\$183.34	\$207.64
60	\$32.56	\$59.56	\$86.56	\$113.56	\$140.56	\$166.96	\$193.96	\$220.96	\$247.96	\$274.96
66	\$75.64	\$105.34	\$135.04	\$164.74	\$194.44	\$223.48	\$253.18	\$282.88	\$312.58	\$342.28
72	\$118.72	\$151.12	\$183.52	\$215.92	\$248.32	\$280.00	\$312.40	\$344.80	\$377.20	\$409.60
78	\$161.80	\$196.90	\$232.00	\$267.10	\$302.20	\$336.52	\$371.62	\$406.72	\$441.82	\$476.92

Table 15. Returns above specified expenses and rent for Delta irrigated soybeans (54 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$7.18	\$7.63	\$8.08	\$8.53	\$8.98	\$9.42	\$9.87	\$10.32	\$10.77	\$11.22
24	(\$481.94)	(\$471.14)	(\$460.34)	(\$449.54)	(\$438.74)	(\$428.18)	(\$417.38)	(\$406.58)	(\$395.78)	(\$384.98)
30	(\$438.86)	(\$425.36)	(\$411.86)	(\$398.36)	(\$384.86)	(\$371.66)	(\$358.16)	(\$344.66)	(\$331.16)	(\$317.66)
36	(\$395.78)	(\$379.58)	(\$363.38)	(\$347.18)	(\$330.98)	(\$315.14)	(\$298.94)	(\$282.74)	(\$266.54)	(\$250.34)
42	(\$352.70)	(\$333.80)	(\$314.90)	(\$296.00)	(\$277.10)	(\$258.62)	(\$239.72)	(\$220.82)	(\$201.92)	(\$183.02)
48	(\$309.62)	(\$288.02)	(\$266.42)	(\$244.82)	(\$223.22)	(\$202.10)	(\$180.50)	(\$158.90)	(\$137.30)	(\$115.70)
54	(\$266.54)	(\$242.24)	(\$217.94)	(\$193.64)	(\$169.34)	(\$145.58)	(\$121.28)	(\$96.98)	(\$72.68)	(\$48.38)
60	(\$223.46)	(\$196.46)	(\$169.46)	(\$142.46)	(\$115.46)	(\$89.06)	(\$62.06)	(\$35.06)	(\$8.06)	\$18.94
66	(\$180.38)	(\$150.68)	(\$120.98)	(\$91.28)	(\$61.58)	(\$32.54)	(\$2.84)	\$26.86	\$56.56	\$86.26
72	(\$137.30)	(\$104.90)	(\$72.50)	(\$40.10)	(\$7.70)	\$23.98	\$56.38	\$88.78	\$121.18	\$153.58
78	(\$94.22)	(\$59.12)	(\$24.02)	\$11.08	\$46.18	\$80.50	\$115.60	\$150.70	\$185.80	\$220.90

Table 16. Returns above operating expenses for Delta non-irrigated soybeans (42 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$7.18	\$7.63	\$8.08	\$8.53	\$8.98	\$9.42	\$9.87	\$10.32	\$10.77	\$11.22
18	(\$222.97)	(\$214.87)	(\$206.77)	(\$198.67)	(\$190.57)	(\$182.65)	(\$174.55)	(\$166.45)	(\$158.35)	(\$150.25)
22	(\$194.25)	(\$184.35)	(\$174.45)	(\$164.55)	(\$154.65)	(\$144.97)	(\$135.07)	(\$125.17)	(\$115.27)	(\$105.37)
26	(\$165.53)	(\$153.83)	(\$142.13)	(\$130.43)	(\$118.73)	(\$107.29)	(\$95.59)	(\$83.89)	(\$72.19)	(\$60.49)
30	(\$136.81)	(\$123.31)	(\$109.81)	(\$96.31)	(\$82.81)	(\$69.61)	(\$56.11)	(\$42.61)	(\$29.11)	(\$15.61)
34	(\$108.09)	(\$92.79)	(\$77.49)	(\$62.19)	(\$46.89)	(\$31.93)	(\$16.63)	(\$1.33)	\$13.97	\$29.27
38	(\$79.37)	(\$62.27)	(\$45.17)	(\$28.07)	(\$10.97)	\$5.75	\$22.85	\$39.95	\$57.05	\$74.15
42	(\$50.65)	(\$31.75)	(\$12.85)	\$6.05	\$24.95	\$43.43	\$62.33	\$81.23	\$100.13	\$119.03
46	(\$21.93)	(\$1.23)	\$19.47	\$40.17	\$60.87	\$81.11	\$101.81	\$122.51	\$143.21	\$163.91
50	\$6.79	\$29.29	\$51.79	\$74.29	\$96.79	\$118.79	\$141.29	\$163.79	\$186.29	\$208.79
54	\$35.51	\$59.81	\$84.11	\$108.41	\$132.71	\$156.47	\$180.77	\$205.07	\$229.37	\$253.67

Table 17. Returns above specified expenses and rent for Delta non-irrigated soybeans (42 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$7.18	\$7.63	\$8.08	\$8.53	\$8.98	\$9.42	\$9.87	\$10.32	\$10.77	\$11.22
18	(\$378.45)	(\$370.35)	(\$362.25)	(\$354.15)	(\$346.05)	(\$338.13)	(\$330.03)	(\$321.93)	(\$313.83)	(\$305.73)
22	(\$349.73)	(\$339.83)	(\$329.93)	(\$320.03)	(\$310.13)	(\$300.45)	(\$290.55)	(\$280.65)	(\$270.75)	(\$260.85)
26	(\$321.01)	(\$309.31)	(\$297.61)	(\$285.91)	(\$274.21)	(\$262.77)	(\$251.07)	(\$239.37)	(\$227.67)	(\$215.97)
30	(\$292.29)	(\$278.79)	(\$265.29)	(\$251.79)	(\$238.29)	(\$225.09)	(\$211.59)	(\$198.09)	(\$184.59)	(\$171.09)
34	(\$263.57)	(\$248.27)	(\$232.97)	(\$217.67)	(\$202.37)	(\$187.41)	(\$172.11)	(\$156.81)	(\$141.51)	(\$126.21)
38	(\$234.85)	(\$217.75)	(\$200.65)	(\$183.55)	(\$166.45)	(\$149.73)	(\$132.63)	(\$115.53)	(\$98.43)	(\$81.33)
42	(\$206.13)	(\$187.23)	(\$168.33)	(\$149.43)	(\$130.53)	(\$112.05)	(\$93.15)	(\$74.25)	(\$55.35)	(\$36.45)
46	(\$177.41)	(\$156.71)	(\$136.01)	(\$115.31)	(\$94.61)	(\$74.37)	(\$53.67)	(\$32.97)	(\$12.27)	\$8.43
50	(\$148.69)	(\$126.19)	(\$103.69)	(\$81.19)	(\$58.69)	(\$36.69)	(\$14.19)	\$8.31	\$30.81	\$53.31
54	(\$119.97)	(\$95.67)	(\$71.37)	(\$47.07)	(\$22.77)	\$0.99	\$25.29	\$49.59	\$73.89	\$98.19

Table 18. Returns above operating costs for non-Delta soybeans (40 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$7.18	\$7.63	\$8.08	\$8.53	\$8.98	\$9.42	\$9.87	\$10.32	\$10.77	\$11.22
16	(\$169.60)	(\$162.40)	(\$155.20)	(\$148.00)	(\$140.80)	(\$133.76)	(\$126.56)	(\$119.36)	(\$112.16)	(\$104.96)
20	(\$140.88)	(\$131.88)	(\$122.88)	(\$113.88)	(\$104.88)	(\$96.08)	(\$87.08)	(\$78.08)	(\$69.08)	(\$60.08)
24	(\$112.16)	(\$101.36)	(\$90.56)	(\$79.76)	(\$68.96)	(\$58.40)	(\$47.60)	(\$36.80)	(\$26.00)	(\$15.20)
28	(\$83.44)	(\$70.84)	(\$58.24)	(\$45.64)	(\$33.04)	(\$20.72)	(\$8.12)	\$4.48	\$17.08	\$29.68
32	(\$54.72)	(\$40.32)	(\$25.92)	(\$11.52)	\$2.88	\$16.96	\$31.36	\$45.76	\$60.16	\$74.56
36	(\$26.00)	(\$9.80)	\$6.40	\$22.60	\$38.80	\$54.64	\$70.84	\$87.04	\$103.24	\$119.44
40	\$2.72	\$20.72	\$38.72	\$56.72	\$74.72	\$92.32	\$110.32	\$128.32	\$146.32	\$164.32
44	\$31.44	\$51.24	\$71.04	\$90.84	\$110.64	\$130.00	\$149.80	\$169.60	\$189.40	\$209.20
48	\$60.16	\$81.76	\$103.36	\$124.96	\$146.56	\$167.68	\$189.28	\$210.88	\$232.48	\$254.08
52	\$88.88	\$112.28	\$135.68	\$159.08	\$182.48	\$205.36	\$228.76	\$252.16	\$275.56	\$298.96

Table 19. Returns above specified expenses and rent for non-Delta soybeans (40 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$7.18	\$7.63	\$8.08	\$8.53	\$8.98	\$9.42	\$9.87	\$10.32	\$10.77	\$11.22
16	(\$284.26)	(\$277.06)	(\$269.86)	(\$262.66)	(\$255.46)	(\$248.42)	(\$241.22)	(\$234.02)	(\$226.82)	(\$219.62)
20	(\$255.54)	(\$246.54)	(\$237.54)	(\$228.54)	(\$219.54)	(\$210.74)	(\$201.74)	(\$192.74)	(\$183.74)	(\$174.74)
24	(\$226.82)	(\$216.02)	(\$205.22)	(\$194.42)	(\$183.62)	(\$173.06)	(\$162.26)	(\$151.46)	(\$140.66)	(\$129.86)
28	(\$198.10)	(\$185.50)	(\$172.90)	(\$160.30)	(\$147.70)	(\$135.38)	(\$122.78)	(\$110.18)	(\$97.58)	(\$84.98)
32	(\$169.38)	(\$154.98)	(\$140.58)	(\$126.18)	(\$111.78)	(\$97.70)	(\$83.30)	(\$68.90)	(\$54.50)	(\$40.10)
36	(\$140.66)	(\$124.46)	(\$108.26)	(\$92.06)	(\$75.86)	(\$60.02)	(\$43.82)	(\$27.62)	(\$11.42)	\$4.78
40	(\$111.94)	(\$93.94)	(\$75.94)	(\$57.94)	(\$39.94)	(\$22.34)	(\$4.34)	\$13.66	\$31.66	\$49.66
44	(\$83.22)	(\$63.42)	(\$43.62)	(\$23.82)	(\$4.02)	\$15.34	\$35.14	\$54.94	\$74.74	\$94.54
48	(\$54.50)	(\$32.90)	(\$11.30)	\$10.30	\$31.90	\$53.02	\$74.62	\$96.22	\$117.82	\$139.42
52	(\$25.78)	(\$2.38)	\$21.02	\$44.42	\$67.82	\$90.70	\$114.10	\$137.50	\$160.90	\$184.30

Table 20. Returns above operating expenses for Delta irrigated rice (156 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$3.50	\$3.90	\$4.20	\$4.60	\$5.00	\$5.40	\$5.80	\$6.20	\$6.60	\$7.00
78	(\$450.52)	(\$419.32)	(\$395.92)	(\$364.72)	(\$333.52)	(\$302.32)	(\$271.12)	(\$239.92)	(\$208.72)	(\$177.52)
94	(\$394.52)	(\$356.92)	(\$328.72)	(\$291.12)	(\$253.52)	(\$215.92)	(\$178.32)	(\$140.72)	(\$103.12)	(\$65.52)
109	(\$342.02)	(\$298.42)	(\$265.72)	(\$222.12)	(\$178.52)	(\$134.92)	(\$91.32)	(\$47.72)	(\$4.12)	\$39.48
125	(\$286.02)	(\$236.02)	(\$198.52)	(\$148.52)	(\$98.52)	(\$48.52)	\$1.48	\$51.48	\$101.48	\$151.48
140	(\$233.52)	(\$177.52)	(\$135.52)	(\$79.52)	(\$23.52)	\$32.48	\$88.48	\$144.48	\$200.48	\$256.48
156	(\$177.52)	(\$115.12)	(\$68.32)	(\$5.92)	\$56.48	\$118.88	\$181.28	\$243.68	\$306.08	\$368.48
172	(\$121.52)	(\$52.72)	(\$1.12)	\$67.68	\$136.48	\$205.28	\$274.08	\$342.88	\$411.68	\$480.48
187	(\$69.02)	\$5.78	\$61.88	\$136.68	\$211.48	\$286.28	\$361.08	\$435.88	\$510.68	\$585.48
203	(\$13.02)	\$68.18	\$129.08	\$210.28	\$291.48	\$372.68	\$453.88	\$535.08	\$616.28	\$697.48
218	\$39.48	\$126.68	\$192.08	\$279.28	\$366.48	\$453.68	\$540.88	\$628.08	\$715.28	\$802.48

Table 21. Returns above specified expenses and rent for Delta irrigated rice (156 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$3.50	\$3.90	\$4.20	\$4.60	\$5.00	\$5.40	\$5.80	\$6.20	\$6.60	\$7.00
78	(\$751.44)	(\$720.24)	(\$696.84)	(\$665.64)	(\$634.44)	(\$603.24)	(\$572.04)	(\$540.84)	(\$509.64)	(\$478.44)
94	(\$695.44)	(\$657.84)	(\$629.64)	(\$592.04)	(\$554.44)	(\$516.84)	(\$479.24)	(\$441.64)	(\$404.04)	(\$366.44)
109	(\$642.94)	(\$599.34)	(\$566.64)	(\$523.04)	(\$479.44)	(\$435.84)	(\$392.24)	(\$348.64)	(\$305.04)	(\$261.44)
125	(\$586.94)	(\$536.94)	(\$499.44)	(\$449.44)	(\$399.44)	(\$349.44)	(\$299.44)	(\$249.44)	(\$199.44)	(\$149.44)
140	(\$534.44)	(\$478.44)	(\$436.44)	(\$380.44)	(\$324.44)	(\$268.44)	(\$212.44)	(\$156.44)	(\$100.44)	(\$44.44)
156	(\$478.44)	(\$416.04)	(\$369.24)	(\$306.84)	(\$244.44)	(\$182.04)	(\$119.64)	(\$57.24)	\$5.16	\$67.56
172	(\$422.44)	(\$353.64)	(\$302.04)	(\$233.24)	(\$164.44)	(\$95.64)	(\$26.84)	\$41.96	\$110.76	\$179.56
187	(\$369.94)	(\$295.14)	(\$239.04)	(\$164.24)	(\$89.44)	(\$14.64)	\$60.16	\$134.96	\$209.76	\$284.56
203	(\$313.94)	(\$232.74)	(\$171.84)	(\$90.64)	(\$9.44)	\$71.76	\$152.96	\$234.16	\$315.36	\$396.56
218	(\$261.44)	(\$174.24)	(\$108.84)	(\$21.64)	\$65.56	\$152.76	\$239.96	\$327.16	\$414.36	\$501.56

Table 22. Returns above operating expenses for Mississippi peanuts (1.8 ton/acre yield goal).

	Price in dollars per ton									
Yield Ton/Acre	\$125.00	\$175.00	\$225.00	\$275.00	\$325.00	\$375.00	\$425.00	\$475.00	\$525.00	\$575.00
0.6	(\$556.51)	(\$526.51)	(\$496.51)	(\$466.51)	(\$436.51)	(\$406.51)	(\$376.51)	(\$346.51)	(\$316.51)	(\$286.51)
0.8	(\$531.51)	(\$491.51)	(\$451.51)	(\$411.51)	(\$371.51)	(\$331.51)	(\$291.51)	(\$251.51)	(\$211.51)	(\$171.51)
1	(\$506.51)	(\$456.51)	(\$406.51)	(\$356.51)	(\$306.51)	(\$256.51)	(\$206.51)	(\$156.51)	(\$106.51)	(\$56.51)
1.2	(\$481.51)	(\$421.51)	(\$361.51)	(\$301.51)	(\$241.51)	(\$181.51)	(\$121.51)	(\$61.51)	(\$1.51)	\$58.49
1.4	(\$456.51)	(\$386.51)	(\$316.51)	(\$246.51)	(\$176.51)	(\$106.51)	(\$36.51)	\$33.49	\$103.49	\$173.49
1.6	(\$431.51)	(\$351.51)	(\$271.51)	(\$191.51)	(\$111.51)	(\$31.51)	\$48.49	\$128.49	\$208.49	\$288.49
1.8	(\$406.51)	(\$316.51)	(\$226.51)	(\$136.51)	(\$46.51)	\$43.49	\$133.49	\$223.49	\$313.49	\$403.49
2	(\$381.51)	(\$281.51)	(\$181.51)	(\$81.51)	\$18.49	\$118.49	\$218.49	\$318.49	\$418.49	\$518.49
2.2	(\$356.51)	(\$246.51)	(\$136.51)	(\$26.51)	\$83.49	\$193.49	\$303.49	\$413.49	\$523.49	\$633.49
2.4	(\$331.51)	(\$211.51)	(\$91.51)	\$28.49	\$148.49	\$268.49	\$388.49	\$508.49	\$628.49	\$748.49

Table 23. Returns above specified expenses and rents for Mississippi peanuts (1.8 ton/acre yield goal).

	Price in dollars per ton									
Yield Ton/Acre	\$125.00	\$175.00	\$225.00	\$275.00	\$325.00	\$375.00	\$425.00	\$475.00	\$525.00	\$575.00
0.6	(\$744.08)	(\$714.08)	(\$684.08)	(\$654.08)	(\$624.08)	(\$594.08)	(\$564.08)	(\$534.08)	(\$504.08)	(\$474.08)
0.8	(\$719.08)	(\$679.08)	(\$639.08)	(\$599.08)	(\$559.08)	(\$519.08)	(\$479.08)	(\$439.08)	(\$399.08)	(\$359.08)
1	(\$694.08)	(\$644.08)	(\$594.08)	(\$544.08)	(\$494.08)	(\$444.08)	(\$394.08)	(\$344.08)	(\$294.08)	(\$244.08)
1.2	(\$669.08)	(\$609.08)	(\$549.08)	(\$489.08)	(\$429.08)	(\$369.08)	(\$309.08)	(\$249.08)	(\$189.08)	(\$129.08)
1.4	(\$644.08)	(\$574.08)	(\$504.08)	(\$434.08)	(\$364.08)	(\$294.08)	(\$224.08)	(\$154.08)	(\$84.08)	(\$14.08)
1.6	(\$619.08)	(\$539.08)	(\$459.08)	(\$379.08)	(\$299.08)	(\$219.08)	(\$139.08)	(\$59.08)	\$20.92	\$100.92
1.8	(\$594.08)	(\$504.08)	(\$414.08)	(\$324.08)	(\$234.08)	(\$144.08)	(\$54.08)	\$35.92	\$125.92	\$215.92
2	(\$569.08)	(\$469.08)	(\$369.08)	(\$269.08)	(\$169.08)	(\$69.08)	\$30.92	\$130.92	\$230.92	\$330.92
2.2	(\$544.08)	(\$434.08)	(\$324.08)	(\$214.08)	(\$104.08)	\$5.92	\$115.92	\$225.92	\$335.92	\$445.92
2.4	(\$519.08)	(\$399.08)	(\$279.08)	(\$159.08)	(\$39.08)	\$80.92	\$200.92	\$320.92	\$440.92	\$560.92

Table 24. Returns above operating expenses for Mississippi sweet potatoes (180 cwt/acre yield goal).

	Price in dollars per hundredweight								
Yield Cwt/Acre	\$10.00	\$12.00	\$14.00	\$16.00	\$18.00	\$20.00	\$22.00	\$24.00	\$26.00
120	(\$2,378.53)	(\$2,138.53)	(\$1,898.53)	(\$1,658.53)	(\$1,418.53)	(\$1,178.53)	(\$938.53)	(\$698.53)	(\$458.53)
130	(\$2,278.53)	(\$2,018.53)	(\$1,758.53)	(\$1,498.53)	(\$1,238.53)	(\$978.53)	(\$718.53)	(\$458.53)	(\$198.53)
140	(\$2,178.53)	(\$1,898.53)	(\$1,618.53)	(\$1,338.53)	(\$1,058.53)	(\$778.53)	(\$498.53)	(\$218.53)	\$61.47
150	(\$2,078.53)	(\$1,778.53)	(\$1,478.53)	(\$1,178.53)	(\$878.53)	(\$578.53)	(\$278.53)	\$21.47	\$321.47
160	(\$1,978.53)	(\$1,658.53)	(\$1,338.53)	(\$1,018.53)	(\$698.53)	(\$378.53)	(\$58.53)	\$261.47	\$581.47
170	(\$1,878.53)	(\$1,538.53)	(\$1,198.53)	(\$858.53)	(\$518.53)	(\$178.53)	\$161.47	\$501.47	\$841.47
180	(\$1,778.53)	(\$1,418.53)	(\$1,058.53)	(\$698.53)	(\$338.53)	\$21.47	\$381.47	\$741.47	\$1,101.47
190	(\$1,678.53)	(\$1,298.53)	(\$918.53)	(\$538.53)	(\$158.53)	\$221.47	\$601.47	\$981.47	\$1,361.47
200	(\$1,578.53)	(\$1,178.53)	(\$778.53)	(\$378.53)	\$21.47	\$421.47	\$821.47	\$1,221.47	\$1,621.47
210	(\$1,478.53)	(\$1,058.53)	(\$638.53)	(\$218.53)	\$201.47	\$621.47	\$1,041.47	\$1,461.47	\$1,881.47

Table 25. Returns above specified expenses and rent for Mississippi sweet potatoes (180 cwt/acre yield goal).

	Price in dollars per hundredweight								
Yield Cwt/Acre	\$10.00	\$12.00	\$14.00	\$16.00	\$18.00	\$20.00	\$22.00	\$24.00	\$26.00
120	(\$2,631.84)	(\$2,391.84)	(\$2,151.84)	(\$1,911.84)	(\$1,431.84)	(\$1,431.84)	(\$1,191.84)	(\$951.84)	(\$711.84)
130	(\$2,531.84)	(\$2,271.84)	(\$2,011.84)	(\$1,751.84)	(\$1,231.84)	(\$1,231.84)	(\$971.84)	(\$711.84)	(\$451.84)
140	(\$2,431.84)	(\$2,151.84)	(\$1,871.84)	(\$1,591.84)	(\$1,031.84)	(\$1,031.84)	(\$751.84)	(\$471.84)	(\$191.84)
150	(\$2,331.84)	(\$2,031.84)	(\$1,731.84)	(\$1,431.84)	(\$831.84)	(\$831.84)	(\$531.84)	(\$231.84)	\$68.16
160	(\$2,231.84)	(\$1,911.84)	(\$1,591.84)	(\$1,271.84)	(\$631.84)	(\$631.84)	(\$311.84)	\$8.16	\$328.16
170	(\$2,131.84)	(\$1,791.84)	(\$1,451.84)	(\$1,111.84)	(\$431.84)	(\$431.84)	(\$91.84)	\$248.16	\$588.16
180	(\$2,031.84)	(\$1,671.84)	(\$1,311.84)	(\$951.84)	(\$231.84)	(\$231.84)	\$128.16	\$488.16	\$848.16
190	(\$1,931.84)	(\$1,551.84)	(\$1,171.84)	(\$791.84)	(\$31.84)	(\$31.84)	\$348.16	\$728.16	\$1,108.16
200	(\$1,831.84)	(\$1,431.84)	(\$1,031.84)	(\$631.84)	\$168.16	\$168.16	\$568.16	\$968.16	\$1,368.16
210	(\$1,731.84)	(\$1,311.84)	(\$891.84)	(\$471.84)	\$368.16	\$368.16	\$788.16	\$1,208.16	\$1,628.16

Table 26. Returns above operating expenses for Mississippi grain sorghum (100 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$2.75	\$2.95	\$3.15	\$3.35	\$3.55	\$3.90	\$4.10	\$4.30	\$4.50	\$4.70
75	(\$152.10)	(\$137.10)	(\$122.10)	(\$107.10)	(\$92.10)	(\$65.85)	(\$50.85)	(\$35.85)	(\$20.85)	(\$5.85)
80	(\$138.35)	(\$122.35)	(\$106.35)	(\$90.35)	(\$74.35)	(\$46.35)	(\$30.35)	(\$14.35)	\$1.65	\$17.65
85	(\$124.60)	(\$107.60)	(\$90.60)	(\$73.60)	(\$56.60)	(\$26.85)	(\$9.85)	\$7.15	\$24.15	\$41.15
90	(\$110.85)	(\$92.85)	(\$74.85)	(\$56.85)	(\$38.85)	(\$7.35)	\$10.65	\$28.65	\$46.65	\$64.65
95	(\$97.10)	(\$78.10)	(\$59.10)	(\$40.10)	(\$21.10)	\$12.15	\$31.15	\$50.15	\$69.15	\$88.15
100	(\$83.35)	(\$63.35)	(\$43.35)	(\$23.35)	(\$3.35)	\$31.65	\$51.65	\$71.65	\$91.65	\$111.65
105	(\$69.60)	(\$48.60)	(\$27.60)	(\$6.60)	\$14.40	\$51.15	\$72.15	\$93.15	\$114.15	\$135.15
110	(\$55.85)	(\$33.85)	(\$11.85)	\$10.15	\$32.15	\$70.65	\$92.65	\$114.65	\$136.65	\$158.65
115	(\$42.10)	(\$19.10)	\$3.90	\$26.90	\$49.90	\$90.15	\$113.15	\$136.15	\$159.15	\$182.15
120	(\$28.35)	(\$4.35)	\$19.65	\$43.65	\$67.65	\$109.65	\$133.65	\$157.65	\$181.65	\$205.65

Table 27. Returns above specified expenses and rent for Mississippi grain sorghum (100 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$2.75	\$2.95	\$3.15	\$3.35	\$3.55	\$3.90	\$4.10	\$4.30	\$4.50	\$4.70
75	(\$269.08)	(\$254.08)	(\$239.08)	(\$224.08)	(\$209.08)	(\$182.83)	(\$167.83)	(\$152.83)	(\$137.83)	(\$122.83)
80	(\$255.33)	(\$239.33)	(\$223.33)	(\$207.33)	(\$191.33)	(\$163.33)	(\$147.33)	(\$131.33)	(\$115.33)	(\$99.33)
85	(\$241.58)	(\$224.58)	(\$207.58)	(\$190.58)	(\$173.58)	(\$143.83)	(\$126.83)	(\$109.83)	(\$92.83)	(\$75.83)
90	(\$227.83)	(\$209.83)	(\$191.83)	(\$173.83)	(\$155.83)	(\$124.33)	(\$106.33)	(\$88.33)	(\$70.33)	(\$52.33)
95	(\$214.08)	(\$195.08)	(\$176.08)	(\$157.08)	(\$138.08)	(\$104.83)	(\$85.83)	(\$66.83)	(\$47.83)	(\$28.83)
100	(\$200.33)	(\$180.33)	(\$160.33)	(\$140.33)	(\$120.33)	(\$85.33)	(\$65.33)	(\$45.33)	(\$25.33)	(\$5.33)
105	(\$186.58)	(\$165.58)	(\$144.58)	(\$123.58)	(\$102.58)	(\$65.83)	(\$44.83)	(\$23.83)	(\$2.83)	\$18.17
110	(\$172.83)	(\$150.83)	(\$128.83)	(\$106.83)	(\$84.83)	(\$46.33)	(\$24.33)	(\$2.33)	\$19.67	\$41.67
115	(\$159.08)	(\$136.08)	(\$113.08)	(\$90.08)	(\$67.08)	(\$26.83)	(\$3.83)	\$19.17	\$42.17	\$65.17
120	(\$145.33)	(\$121.33)	(\$97.33)	(\$73.33)	(\$49.33)	(\$7.33)	\$16.67	\$40.67	\$64.67	\$88.67

Table 28. Returns above operating expenses for Mississippi wheat (70 bu/acre yield goal).

	Price in dollars per bushel									
Yield Bu/Acre	\$2.75	\$3.25	\$3.75	\$4.25	\$4.75	\$5.25	\$5.75	\$6.25	\$6.75	\$7.25
40	(\$250.78)	(\$230.78)	(\$210.78)	(\$190.78)	(\$170.78)	(\$150.78)	(\$130.78)	(\$110.78)	(\$90.78)	(\$70.78)
45	(\$237.03)	(\$214.53)	(\$192.03)	(\$169.53)	(\$147.03)	(\$124.53)	(\$102.03)	(\$79.53)	(\$57.03)	(\$34.53)
50	(\$223.28)	(\$198.28)	(\$173.28)	(\$148.28)	(\$123.28)	(\$98.28)	(\$73.28)	(\$48.28)	(\$23.28)	\$1.72
55	(\$209.53)	(\$182.03)	(\$154.53)	(\$127.03)	(\$99.53)	(\$72.03)	(\$44.53)	(\$17.03)	\$10.47	\$37.97
60	(\$195.78)	(\$165.78)	(\$135.78)	(\$105.78)	(\$75.78)	(\$45.78)	(\$15.78)	\$14.22	\$44.22	\$74.22
65	(\$182.03)	(\$149.53)	(\$117.03)	(\$84.53)	(\$52.03)	(\$19.53)	\$12.97	\$45.47	\$77.97	\$110.47
70	(\$168.28)	(\$133.28)	(\$98.28)	(\$63.28)	(\$28.28)	\$6.72	\$41.72	\$76.72	\$111.72	\$146.72
75	(\$154.53)	(\$117.03)	(\$79.53)	(\$42.03)	(\$4.53)	\$32.97	\$70.47	\$107.97	\$145.47	\$182.97
80	(\$140.78)	(\$100.78)	(\$60.78)	(\$20.78)	\$19.22	\$59.22	\$99.22	\$139.22	\$179.22	\$219.22
85	(\$127.03)	(\$84.53)	(\$42.03)	\$0.47	\$42.97	\$85.47	\$127.97	\$170.47	\$212.97	\$255.47

Table 29. Returns above specified expenses and rent for Mississippi wheat (70 bu/acre yield goal).

Yield Bu/Acre	Price in dollars per bushel									
	\$2.75	\$3.25	\$3.75	\$4.25	\$4.75	\$5.25	\$5.75	\$6.25	\$6.75	\$7.25
40	(\$359.99)	(\$339.99)	(\$319.99)	(\$299.99)	(\$279.99)	(\$259.99)	(\$239.99)	(\$219.99)	(\$199.99)	(\$179.99)
45	(\$346.24)	(\$323.74)	(\$301.24)	(\$278.74)	(\$256.24)	(\$233.74)	(\$211.24)	(\$188.74)	(\$166.24)	(\$143.74)
50	(\$332.49)	(\$307.49)	(\$282.49)	(\$257.49)	(\$232.49)	(\$207.49)	(\$182.49)	(\$157.49)	(\$132.49)	(\$107.49)
55	(\$318.74)	(\$291.24)	(\$263.74)	(\$236.24)	(\$208.74)	(\$181.24)	(\$153.74)	(\$126.24)	(\$98.74)	(\$71.24)
60	(\$304.99)	(\$274.99)	(\$244.99)	(\$214.99)	(\$184.99)	(\$154.99)	(\$124.99)	(\$94.99)	(\$64.99)	(\$34.99)
65	(\$291.24)	(\$258.74)	(\$226.24)	(\$193.74)	(\$161.24)	(\$128.74)	(\$96.24)	(\$63.74)	(\$31.24)	\$1.26
70	(\$277.49)	(\$242.49)	(\$207.49)	(\$172.49)	(\$137.49)	(\$102.49)	(\$67.49)	(\$32.49)	\$2.51	\$37.51
75	(\$263.74)	(\$226.24)	(\$188.74)	(\$151.24)	(\$113.74)	(\$76.24)	(\$38.74)	(\$1.24)	\$36.26	\$73.76
80	(\$249.99)	(\$209.99)	(\$169.99)	(\$129.99)	(\$89.99)	(\$49.99)	(\$9.99)	\$30.01	\$70.01	\$110.01
85	(\$236.24)	(\$193.74)	(\$151.24)	(\$108.74)	(\$66.24)	(\$23.74)	\$18.76	\$61.26	\$103.76	\$146.26

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