

**2023 Estimated Costs and Returns per Acre
First Crop Rice (Jefferson-Liberty Counties)
Southeast Extension District - 9**

Crop Acres		450				Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total		
Rice 1st Crop Loan	55.00	CWT	\$7.26	\$399.30	\$179,685.00		
Rice 1st Crop Premium	55.00	CWT	\$8.74	\$480.70	\$216,315.00		
Total Revenue				\$880.00	\$396,000.00		
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Production Costs							
Custom							
Pre-Plant Fertilization	1	Acre	\$9.36	\$9.36	\$4,212.00		
Survey Levees	1	Acre	\$7.72	\$7.72	\$3,474.00		
Air Herbicide	1	Acre	\$9.00	\$9.00	\$4,050.00		
Top Dress Fertilization	330	Pound	\$0.09	\$29.70	\$13,365.00		
Air Insecticide	1	Acre	\$9.00	\$9.00	\$4,050.00		
Rice Hauling	62.37	CWT	\$0.30	\$18.71	\$8,419.95		
Rice Drying	62.37	CWT	\$1.40	\$87.32	\$39,293.10		
Commission	55	CWT	\$0.08	\$4.40	\$1,980.00		
Fertilizer							
DAP (18-46-0)	100	Pound	\$0.39	\$39.00	\$17,550.00		
Potash (0-0-60)	50	Pound	\$0.21	\$10.50	\$4,725.00		
Urea (46-0-0)	330	Pound	\$0.62	\$204.60	\$92,070.00		
Herbicide							
Propanil	2	Gallon	\$28.00	\$56.00	\$25,200.00		
Facet L	1	Quart	\$27.25	\$27.25	\$12,262.50		
Permit	1	Ounce	\$19.10	\$19.10	\$8,595.00		
Insecticide							
Mustang Max	3.2	Ounce	\$1.19	\$3.80	\$1,710.00		
Seed							
Seed - Rice	0.7	CWT	\$55.00	\$38.50	\$17,325.00		
Fungicides							
Quilt XL	17	Ounce	\$1.45	\$24.57	\$11,056.64		
Irrigation							
Water Cost	1.00	Acre	\$45.00	\$45.00	\$20,250.00		
Machinery Labor							
Tractors/Self-Propelled	3.01	Hour	\$17.21	\$51.80	\$23,310.95		
Diesel Fuel							
Tractors/Self-Propelled	11.86	Gallon	\$2.24	\$26.57	\$11,954.88		
Gasoline							
Pickup/General Use Equipment	1	Acre	\$1.74	\$1.74	\$783.75		
Repairs & Maintenance							
Pickup/General Use Equipment	1	Acre	\$1.02	\$1.02	\$459.00		
Tractors/Self-Propelled	1	Acre	\$29.77	\$29.77	\$13,394.86		
Implements	1	Acre	\$31.79	\$31.79	\$14,304.89		
Interest on Credit Line			8.00%	\$16.05	\$7,221.90		
Total Variable Costs				\$802.26	\$361,018.42		
Planned Returns Above Variable Costs:				\$77.74	\$34,981.58		
Breakeven Price to Cover Variable Costs			\$5.85	CWT			
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise		
Machinery Depreciation							
Pickup/General Use Equipment	1	Acre	\$1.07	\$1.07	\$481.95		
Tractors/Self-Propelled	1	Acre	\$27.91	\$27.91	\$12,560.07		
Implements	1	Acre	\$40.39	\$40.39	\$18,175.04		
Equipment Investment							
Pickup/General Use Equipment	\$7.40	Dollars	8.00%	\$0.59	\$266.22		
Tractors/Self-Propelled	\$215.44	Dollars	8.00%	\$17.23	\$7,755.74		
Implements	\$186.46	Dollars	8.00%	\$14.92	\$6,712.73		
Cash Rent - Rice	1	Acre	\$55.00	\$55.00	\$24,750.00		
Total Fixed Costs				\$157.11	\$70,701.75		
Total Specified Costs				\$959.38	\$431,720.17		
Returns Above Specified Costs					(\$79.38)	(\$35,720.17)	
Breakeven Price to Cover Total Costs			\$8.70	CWT			

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.