

**2021 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	\$7.00	\$385.00	\$173,250.00
Rice 1st Crop Premium	55.00	CWT	\$5.50	\$302.50	\$136,125.00
Total Revenue				\$687.50	\$309,375.00
				Enterprise	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
Production Costs					
Custom					
Pre-Plant Fertilization	1	Acre	\$9.36	\$9.36	\$4,212.00
Survey Levees	1	Acre	\$6.00	\$6.00	\$2,700.00
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	\$0.28	\$27.78	\$12,502.35
Potash (0-0-60)	50	Pound	\$0.15	\$7.50	\$3,375.00
Urea (46-0-0)	330	Pound	\$0.20	\$64.52	\$29,033.24
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	3.94	Hour	\$13.75	\$54.18	\$24,378.75
Diesel Fuel					
Tractors/Self-Propelled	14.68	Gallon	\$2.35	\$34.50	\$15,524.10
Gasoline					
Pickup/General Use Equipment	1	Acre	\$1.83	\$1.83	\$825.00
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$1.02	\$1.02	\$459.00
Tractors/Self-Propelled	1	Acre	\$38.58	\$38.58	\$17,361.27
Implements	1	Acre	\$41.19	\$41.19	\$18,537.46
Interest on Credit Line			5.00%	\$9.21	\$4,143.56
Total Variable Costs				\$668.02	\$300,608.91
Planned Returns Above Variable Costs:				\$19.48	\$8,766.09
Breakeven Price to Cover Variable Costs			\$6.65 CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$1.07	\$1.07	\$481.95
Tractors/Self-Propelled	1	Acre	\$36.15	\$36.15	\$16,268.51
Implements	1	Acre	\$52.33	\$52.33	\$23,547.38
Equipment Investment					
Pickup/General Use Equipment	\$7.40	Dollars	5.00%	\$0.37	\$166.39
Tractors/Self-Propelled	\$278.06	Dollars	5.00%	\$13.90	\$6,256.27
Implements	\$241.43	Dollars	5.00%	\$12.07	\$5,432.09
Cash Rent - Rice	1	Acre	\$55.00	\$55.00	\$24,750.00
Total Fixed Costs				\$170.89	\$76,902.59
Total Specified Costs				\$838.91	\$377,511.50
Returns Above Specified Costs				(\$151.41)	(\$68,136.50)
Breakeven Price to Cover Total Costs			\$9.75 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.