

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 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	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise 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	\$0.21	\$21.00	\$9,450.00	
Potash (0-0-60)	50	Pound	\$0.13	\$6.50	\$2,925.00	
Urea (46-0-0)	330	Pound	\$0.15	\$49.50	\$22,275.00	
Herbicide						
Propanil	2	Gallon	\$27.75	\$55.50	\$24,975.00	
Facet	1	Quart	\$28.23	\$28.23	\$12,703.50	
Permit	1	Ounce	\$21.25	\$21.25	\$9,562.50	
Insecticide						
Mustang Max	3.2	Ounce	\$1.13	\$3.63	\$1,631.25	
Seed						
Seed - Rice	0.7	CWT	\$53.00	\$37.10	\$16,695.00	
Fungicides						
Quilt XL	17	Ounce	\$1.80	\$30.60	\$13,770.00	
Irrigation						
Water Cost	1.00	Acre	\$45.00	\$45.00	\$20,250.00	
Machinery Labor						
Tractors/Self-Propelled	3.96	Hour	\$13.75	\$54.45	\$24,502.50	
Diesel Fuel						
Tractors/Self-Propelled	14.77	Gallon	\$2.00	\$29.54	\$13,293.00	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$1.58	\$1.58	\$712.50	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$1.02	\$1.02	\$459.00	
Tractors/Self-Propelled	1	Acre	\$35.44	\$35.44	\$15,947.92	
Implements	1	Acre	\$28.90	\$28.90	\$13,004.97	
Interest on Credit Line			5.00%	\$8.48	\$3,815.16	
Total Variable Costs				\$631.21	\$284,042.34	
Planned Returns Above Variable Costs:				\$56.29	\$25,332.66	
Breakeven Price to Cover Variable Costs			\$5.98 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	\$33.13	\$33.13	\$14,909.61	
Implements	1	Acre	\$37.44	\$37.44	\$16,845.96	
Equipment Investment						
Pickup/General Use Equipment	\$7.40	Dollars	5.00%	\$0.37	\$166.39	
Tractors/Self-Propelled	\$255.02	Dollars	5.00%	\$12.75	\$5,738.06	
Implements	\$171.77	Dollars	5.00%	\$8.59	\$3,864.87	
Cash Rent - Rice	1	Acre	\$55.00	\$55.00	\$24,750.00	
Total Fixed Costs				\$148.35	\$66,756.83	
Total Specified Costs				\$779.55	\$350,799.18	
Returns Above Specified Costs				(\$92.05)	(\$41,424.18)	
Breakeven Price to Cover Total Costs			\$8.67 CWT			

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	41.25	\$7.97	\$11.56
90%	49.50	\$6.64	\$9.64
100%	55.00	\$5.98	\$8.67
110%	60.50	\$5.43	\$7.89
125%	68.75	\$4.78	\$6.94

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.