

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Rice West of Houston, 2nd Crop, Surface Water
Coastal Bend Extension District - 11

Crop Acres		450				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Rice 2nd Crop Loan	16.00	CWT	\$6.79	\$108.64	\$48,888.00	
Rice 2nd Crop Premium	16.00	CWT	\$4.71	\$75.36	\$33,912.00	
Total Revenue				\$184.00	\$82,800.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Fertilizer						
46-0-0	0.075	Ton	\$419.00	\$31.43	\$14,141.25	
Custom						
Top Dress	1	Acre	\$9.18	\$9.18	\$4,131.00	
Aerial Application	1	Acre	\$7.80	\$7.80	\$3,510.00	
Rice Hauling	19.3	CWT	\$0.36	\$6.95	\$3,126.60	
Rice Drying	19.3	CWT	\$1.25	\$24.13	\$10,856.25	
Miscellaneous						
Check Off	16	CWT	\$0.08	\$1.28	\$576.00	
Commission	16	CWT	\$0.08	\$1.28	\$576.00	
Rice Storage	16	CWT	\$0.32	\$5.12	\$2,304.00	
Insecticide						
Stinkbug Rice	0.222222	Pint	\$19.36	\$4.30	\$1,936.00	
Irrigation						
Water Cost	1.90	AcreFoot	\$18.89	\$35.89	\$16,150.95	
Irrigation Labor	0.71	Hour	\$19.50	\$13.85	\$6,230.25	
Machinery Labor						
Tractors/Self-Propelled	0.23	Hour	\$19.50	\$4.49	\$2,018.25	
Diesel Fuel						
Tractors/Self-Propelled	1.95	Gallon	\$2.46	\$4.80	\$2,158.65	
Repairs & Maintenance						
Irrigation Equipment	1	Acre	\$0.01	\$0.01	\$5.33	
Tractors/Self-Propelled	1	Acre	\$8.27	\$8.27	\$3,720.71	
Implements	1	Acre	\$1.44	\$1.44	\$648.40	
Interest on Credit Line			6.75%	\$1.25	\$562.41	
Total Variable Costs				\$161.45	\$72,652.05	
Planned Returns Above Variable Costs:				\$22.55	\$10,147.95	
Breakeven Price to Cover Variable Costs			\$5.38	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Machinery Depreciation						
Irrigation Equipment	1	Acre	\$0.24	\$0.24	\$106.67	
Tractors/Self-Propelled	1	Acre	\$7.58	\$7.58	\$3,409.84	
Implements	1	Acre	\$1.61	\$1.61	\$726.18	
Equipment Investment						
Irrigation Equipment	\$1.78	Dollars	6.00%	\$0.11	\$48.00	
Tractors/Self-Propelled	\$57.10	Dollars	6.00%	\$3.43	\$1,541.66	
Implements	\$25.00	Dollars	6.00%	\$1.50	\$674.98	
Management Fee, Owner/Operator Labor	1	Acre	\$9.20	\$9.20	\$4,140.00	
Total Fixed Costs				\$23.66	\$10,647.32	
Total Specified Costs				\$185.11	\$83,299.37	
Returns Above Specified Costs				(\$1.11)	(\$499.37)	
Breakeven Price to Cover Total Costs			\$6.86	CWT		

Example Breakeven Prices			
Exmpl Yield	Example Yield	To Cover Variable Costs	To Cover Total Costs
75%	12.00	\$7.17	\$9.15
90%	14.40	\$5.98	\$7.62
100%	16.00	\$5.38	\$6.86
110%	17.60	\$4.89	\$6.24
125%	20.00	\$4.30	\$5.49

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.