

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2020 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	\$7.00	\$112.00	\$50,400.00	
Rice 2nd Crop Premium		16.00	CWT	\$5.50	\$88.00	\$39,600.00	
Total Revenue					\$200.00	\$90,000.00	
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs						Total	
Fertilizer							
46-0-0'		0.075	Ton	\$365.00	\$27.38	\$12,318.75	
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	\$2.20	\$4.29	\$1,930.50	
Repairs & Maintenance							
Irrigation Equipment		1	Acre	\$0.01	\$0.01	\$5.33	
Tractors/Self-Propelled		1	Acre	\$8.64	\$8.64	\$3,887.28	
Implements		1	Acre	\$1.51	\$1.51	\$680.04	
Interest on Credit Line				6.00%	\$1.11	\$500.48	
Total Variable Costs					\$157.19	\$70,737.69	
Planned Returns Above Variable Costs:					\$42.81	\$19,262.31	
Breakeven Price to Cover Variable Costs				\$4.32	CWT		
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise	
Machinery Depreciation						Total	
Irrigation Equipment		1	Acre	\$0.24	\$0.24	\$106.67	
Tractors/Self-Propelled		1	Acre	\$7.92	\$7.92	\$3,562.23	
Implements		1	Acre	\$1.70	\$1.70	\$765.73	
Equipment Investment							
Irrigation Equipment		\$1.78	Dollars	6.00%	\$0.11	\$48.00	
Tractors/Self-Propelled		\$59.65	Dollars	6.00%	\$3.58	\$1,610.52	
Implements		\$26.83	Dollars	6.00%	\$1.61	\$724.42	
Management Fee, Owner/Operator Labor		1	Acre	\$10.00	\$10.00	\$4,500.00	
Total Fixed Costs					\$25.15	\$11,317.57	
Total Specified Costs					\$182.35	\$82,055.26	
Returns Above Specified Costs					\$17.65	\$7,944.74	
Breakeven Price to Cover Total Costs				\$5.90	CWT		

Example Breakeven Prices			
Exempl	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percen	CWT	Costs	Costs
75%	12.00	\$5.77	\$7.86
90%	14.40	\$4.81	\$6.55
100%	16.00	\$4.32	\$5.90
110%	17.60	\$3.93	\$5.36
125%	20.00	\$3.46	\$4.72

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.