

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2018 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	\$5.71	\$91.36	\$41,112.00	
Total Revenue					\$200.00	\$90,000.00	
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise	
Production Costs						Total	
Fertilizer							
46-0-0'		0.075	Ton	\$332.00	\$24.90	\$11,205.00	
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	\$21.62	\$4.80	\$2,162.00	
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	\$2.30	\$4.49	\$2,018.25	
Repairs & Maintenance							
Irrigation Equipment		1	Acre	\$0.01	\$0.01	\$5.33	
Tractors/Self-Propelled		1	Acre	\$8.06	\$8.06	\$3,625.62	
Implements		1	Acre	\$1.41	\$1.41	\$632.31	
Interest on Credit Line				5.50%	\$0.98	\$442.47	
Total Variable Costs					\$154.60	\$69,570.28	
Planned Returns Above Variable Costs:					\$45.40	\$20,429.72	
Breakeven Price to Cover Variable Costs				\$3.95 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	\$7.40	\$7.40	\$3,329.45	
Implements		1	Acre	\$1.57	\$1.57	\$706.06	
Equipment Investment							
Irrigation Equipment		\$1.78	Dollars	6.00%	\$0.11	\$48.00	
Tractors/Self-Propelled		\$55.79	Dollars	6.00%	\$3.35	\$1,506.23	
Implements		\$24.07	Dollars	6.00%	\$1.44	\$649.84	
Management Fee, Owner/Operator Labor		1	Acre	\$10.00	\$10.00	\$4,500.00	
Total Fixed Costs					\$24.10	\$10,846.25	
Total Specified Costs					\$178.70	\$80,416.53	
Returns Above Specified Costs					\$21.30	\$9,583.47	
Breakeven Price to Cover Total Costs				\$5.46 CWT			

Example Breakeven Prices			
Exmpl	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percen	CWT	Costs	Costs
75%	12.00	\$5.27	\$7.28
90%	14.40	\$4.39	\$6.07
100%	16.00	\$3.95	\$5.46
110%	17.60	\$3.59	\$4.96
125%	20.00	\$3.16	\$4.37

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.**