

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2017 Estimated Costs and Returns per Acre**  
**Rice West of Houston, 2nd Crop, Surface Water - 450 Acres**  
**Coastal Bend Extension District - 11**

Crop Acres	450					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
Rice 2nd Crop Loan	16.00	CWT	\$6.75	\$108.00		\$48,600.00
Rice 2nd Crop Premium	16.00	CWT	\$5.55	\$88.80		\$39,960.00
<b>Total Revenue</b>				<b>\$196.80</b>		<b>\$88,560.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
<b>Production Costs</b>						
Fertilizer						
46-0-0	0.075	Ton	\$308.30	\$23.12		\$10,405.13
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	\$18.71	\$4.16		\$1,871.00
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	\$2.10	\$4.10		\$1,842.75
Repairs & Maintenance						
Irrigation Equipment	1	Acre	\$0.01	\$0.01		\$5.33
Tractors/Self-Propelled	1	Acre	\$7.71	\$7.71		\$3,471.57
Implements	1	Acre	\$1.78	\$1.78		\$801.15
Interest on Credit Line			4.25%	\$0.74		\$331.12
<b>Total Variable Costs</b>				<b>\$151.57</b>		<b>\$68,207.35</b>
Planned Returns Above Variable Costs:				\$45.23		\$20,352.65
Breakeven Price to Cover Variable Costs			\$3.92	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
<b>Machinery Depreciation</b>						
Irrigation Equipment	1	Acre	\$0.24	\$0.24		\$106.67
Tractors/Self-Propelled	1	Acre	\$7.06	\$7.06		\$3,175.65
Implements	1	Acre	\$1.94	\$1.94		\$872.79
<b>Equipment Investment</b>						
Irrigation Equipment	\$1.78	Dollars	7.00%	\$0.12		\$56.00
Tractors/Self-Propelled	\$53.15	Dollars	7.00%	\$3.72		\$1,674.15
Implements	\$27.26	Dollars	7.00%	\$1.91		\$858.56
Management Fee, Owner/Operator Labor	1	Acre	\$9.84	\$9.84		\$4,428.00
<b>Total Fixed Costs</b>				<b>\$24.83</b>		<b>\$11,171.82</b>
<b>Total Specified Costs</b>				<b>\$176.40</b>		<b>\$79,379.17</b>
Returns Above Specified Costs				\$20.40		\$9,180.83
<b>Breakeven Price to Cover Total Costs</b>			\$5.47	CWT		

Example Breakeven Prices			
Exempl Yield	Example Yield	To Cover Variable Costs	To Cover Total Costs
75%	12.00	\$5.23	\$7.30
90%	14.40	\$4.36	\$6.08
100%	16.00	\$3.92	\$5.47
110%	17.60	\$3.57	\$4.98
125%	20.00	\$3.14	\$4.38

Developed by Extension Economists, Texas A&M AgriLife Extension Service.

**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.**