

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2015 Estimated Costs and Returns per Acre**  
**Rice West of Houston, 2nd Crop, Surface Water - 450 Acres**  
**Coastal Bend Extension District - 11**

Crop Acres		450						
REVENUE				Quantity	Units	\$/Unit	Total	Enterprise Total
	Rice 2nd Crop Loan	16.00	CWT	\$6.75		\$108.00	\$48,600.00	
	Rice 2nd Crop Premium	16.00	CWT	\$5.05		\$80.80	\$36,360.00	
	<b>Total Revenue</b>					<b>\$188.80</b>	<b>\$84,960.00</b>	
VARIABLE COSTS				Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>								
	Fertilizer							
	46-0-0 ton	0.075	Ton	\$460.00		\$34.50	\$15,525.00	
	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	\$23.59		\$5.24	\$2,359.00	
	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	0.24	Hour	\$19.50		\$4.68	\$2,106.00	
	Diesel Fuel							
	Tractors/Self-Propelled	2.11	Gallon	\$3.30		\$6.96	\$3,133.35	
	Repairs & Maintenance							
	Irrigation Equipment	1	Acre	\$0.01		\$0.01	\$5.33	
	Tractors/Self-Propelled	1	Acre	\$8.87		\$8.87	\$3,991.54	
	Implements	1	Acre	\$1.33		\$1.33	\$600.05	
	Interest on Credit Line			5.00%		\$0.78	\$349.54	
	<b>Total Variable Costs</b>					<b>\$167.85</b>	<b>\$75,530.87</b>	
	Planned Returns Above Variable Costs:					\$20.95	\$9,429.13	
	Breakeven Price to Cover Variable Costs			\$5.44	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	\$8.07		\$8.07	\$3,630.62	
	Implements	1	Acre	\$1.48		\$1.48	\$664.53	
	Equipment Investment							
	Irrigation Equipment	\$3.56	Dollars	7.00%		\$0.25	\$112.00	
	Tractors/Self-Propelled	\$91.93	Dollars	7.00%		\$6.44	\$2,895.78	
	Implements	\$34.02	Dollars	7.00%		\$2.38	\$1,071.53	
	Management Fee, Owner/Operator Labor	1	Acre	\$9.44		\$9.44	\$4,248.00	
	<b>Total Fixed Costs</b>					<b>\$28.29</b>	<b>\$12,729.12</b>	
	<b>Total Specified Costs</b>					<b>\$196.13</b>	<b>\$88,259.99</b>	
	Returns Above Specified Costs					<b>(\$7.33)</b>	<b>(\$3,299.99)</b>	
	Breakeven Price to Cover Total Costs			\$7.21	CWT			

Example Breakeven Prices						
Example Yield Percent	Example Yield CWT	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	12.00	\$7.25	\$7.25	\$9.61	\$9.61	\$0.00
90%	14.40	\$6.04	\$6.04	\$8.01	\$8.01	\$0.00
100%	16.00	\$5.44	\$5.44	\$7.21	\$7.21	\$0.00
110%	17.60	\$4.95	\$4.95	\$6.55	\$6.55	\$0.00
125%	20.00	\$4.35	\$4.35	\$5.77	\$5.77	\$0.00

Developed by Levi Russell, Assistant Professor and Extension Economist, 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.**