

**2022 Estimated Costs and Returns per Acre  
Rice West of Houston, 1st Crop, Surface Water  
Coastal Bend Extension District - 11**

Crop Acres		450		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Rice 1st Crop Loan	70.00	CWT	\$7.00	\$490.00	\$220,500.00
Rice 1st Crop Premium	70.00	CWT	\$5.50	\$385.00	\$173,250.00
<b>Total Revenue</b>				<b>\$875.00</b>	<b>\$393,750.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total
<b>Production Costs</b>					
<b>Seed</b>					
Rice	0.9	CWT	\$49.00	\$44.10	\$19,845.00
<b>Fertilizer</b>					
17-21-14-4.3S'	0.141	Ton	\$607.00	\$85.59	\$38,514.15
33-0-0'	0.1	Ton	\$575.00	\$57.50	\$25,875.00
46-0-0'	0.075	Ton	\$511.00	\$38.33	\$17,246.25
<b>Custom</b>					
Base Fertilizer	1	Acre	\$11.25	\$11.25	\$5,062.50
Ground Application	1	Acre	\$9.00	\$9.00	\$4,050.00
Survey Levees	1	Acre	\$6.00	\$6.00	\$2,700.00
Pre-Flood Application	1	Acre	\$11.87	\$11.87	\$5,341.50
Aerial Application	4.5	Acre	\$7.80	\$35.10	\$15,795.00
Top Dress	1	Acre	\$9.00	\$9.00	\$4,050.00
Rice Hauling	80.5	CWT	\$0.45	\$36.23	\$16,301.25
Rice Drying	80.5	CWT	\$1.25	\$100.63	\$45,281.25
<b>Miscellaneous</b>					
Crop Insurance -Rice Enterprise	1	Acre	\$8.55	\$8.55	\$3,847.50
G&A Overhead	1	Acre	\$10.50	\$10.50	\$4,725.00
Pickup Milage Charge - Rice	1	Acre	\$18.50	\$18.50	\$8,325.00
Base Water Charge	1	Acre	\$66.32	\$66.32	\$29,844.00
Butt Up Field	1	Acre	\$4.00	\$4.00	\$1,800.00
Plastic	1	Acre	\$2.50	\$2.50	\$1,125.00
Pipe	1	Acre	\$3.00	\$3.00	\$1,350.00
Commission	70	CWT	\$0.08	\$5.60	\$2,520.00
Check Off	70	CWT	\$0.08	\$5.60	\$2,520.00
Rice Storage	70	CWT	\$0.32	\$22.40	\$10,080.00
<b>Insecticide</b>					
Waterweevil	1.6	Ounce	\$2.68	\$4.29	\$1,929.60
Stinkbug Pyrthyroid Rice	3.2	Ounce	\$2.68	\$8.58	\$3,859.20
<b>Herbicide</b>					
Clomazone	0.1	Gallon	\$140.15	\$14.02	\$6,306.75
Rice PostEmerge Herbicide 1	1	Acre	\$20.00	\$20.00	\$9,000.00
Rice PostEmerge Herbicide 2	7	Ounce	\$2.11	\$14.77	\$6,646.50
<b>Other Chemicals</b>					
Herbicide Surfactant	2.5	Acre	\$1.50	\$3.75	\$1,687.50
Fungicide Surfactant	1	Acre	\$0.45	\$0.45	\$202.50
<b>Fungicides</b>					
Rice Fungicide	1	Acre	\$29.98	\$29.98	\$13,491.00
<b>Irrigation</b>					
Water Cost	2.75	AcreFoot	\$15.80	\$43.45	\$19,552.50
Irrigation Labor	1.57	Hour	\$19.50	\$30.62	\$13,776.75
<b>Machinery Labor</b>					
Tractors/Self-Propelled	0.89	Hour	\$19.50	\$17.36	\$7,809.75
<b>Diesel Fuel</b>					
Tractors/Self-Propelled	8.32	Gallon	\$2.67	\$22.21	\$9,996.48
<b>Repairs &amp; Maintenance</b>					
Irrigation Equipment	1	Acre	\$0.01	\$0.01	\$5.33
Tractors/Self-Propelled	1	Acre	\$26.86	\$26.86	\$12,087.39
Implements	1	Acre	\$13.31	\$13.31	\$5,989.72
Interest on Credit Line			6.30%	\$33.00	\$14,851.50
<b>Total Variable Costs</b>				<b>\$874.20</b>	<b>\$393,390.87</b>
<b>Planned Returns Above Variable Costs:</b>				<b>\$0.80</b>	<b>\$359.13</b>
<b>Breakeven Price to Cover Variable Costs</b>			<b>\$6.99</b>	<b>CWT</b>	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
<b>Machinery Depreciation</b>					
Irrigation Equipment	1	Acre	\$0.24	\$0.24	\$106.67
Tractors/Self-Propelled	1	Acre	\$26.76	\$26.76	\$12,039.97
Implements	1	Acre	\$17.29	\$17.29	\$7,780.69
<b>Equipment Investment</b>					
Irrigation Equipment	\$1.78	Dollars	6.30%	\$0.11	\$50.40
Tractors/Self-Propelled	\$206.43	Dollars	6.30%	\$13.01	\$5,852.38
Implements	\$147.50	Dollars	6.30%	\$9.29	\$4,181.56
Management Fee, Owner/Operator Labor	1	Acre	\$43.75	\$43.75	\$19,687.50
Rice - Land Charge	1	Acre	\$130.00	\$130.00	\$58,500.00
<b>Total Fixed Costs</b>				<b>\$240.44</b>	<b>\$108,199.16</b>
<b>Total Specified Costs</b>				<b>\$1,114.64</b>	<b>\$501,590.04</b>
<b>Returns Above Specified Costs</b>				<b>(\$239.64)</b>	<b>(\$107,840.04)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$10.42</b>	<b>CWT</b>	

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.*