

**2023 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	\$7.26	\$508.20	\$228,690.00
Rice 1st Crop Premium	70.00	CWT	\$8.74	\$611.80	\$275,310.00
<b>Total Revenue</b>				<b>\$1,120.00</b>	<b>\$504,000.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Seed				<b>\$46.75</b>	
Rice	0.9	CWT	\$51.94	\$46.75	\$21,035.70
Fertilizer				<b>\$192.3</b>	
17-21-14-4.3S'	0.141	Ton	\$643.42	\$90.72	\$40,825.00
33-0-0'	0.1	Ton	\$609.50	\$60.95	\$27,427.50
46-0-0'	0.075	Ton	\$541.66	\$40.62	\$18,281.03
Custom				<b>\$232.21</b>	
Base Fertilizer	1	Acre	\$11.93	\$11.93	\$5,366.25
Ground Application	1	Acre	\$9.54	\$9.54	\$4,293.00
Survey Levees	1	Acre	\$6.36	\$6.36	\$2,862.00
Pre-Flood Application	1	Acre	\$12.58	\$12.58	\$5,661.99
Aerial Application	4.5	Acre	\$8.27	\$37.21	\$16,742.70
Top Dress	1	Acre	\$9.54	\$9.54	\$4,293.00
Rice Hauling	80.5	CWT	\$0.48	\$38.40	\$17,279.33
Rice Drying	80.5	CWT	\$1.33	\$106.66	\$47,998.13
Miscellaneous				<b>\$157.73</b>	
Crop Insurance -Rice Enterprise	1	Acre	\$11.00	\$11.00	\$4,950.00
G&A Overhead	1	Acre	\$11.13	\$11.13	\$5,008.50
Pickup Milage Charge - Rice	1	Acre	\$19.61	\$19.61	\$8,824.50
Base Water Charge	1	Acre	\$70.30	\$70.30	\$31,634.64
Butt Up Field	1	Acre	\$4.24	\$4.24	\$1,908.00
Plastic	1	Acre	\$2.65	\$2.65	\$1,192.50
Pipe	1	Acre	\$3.18	\$3.18	\$1,431.00
Commission	70	CWT	\$0.08	\$5.94	\$2,671.20
Check Off	70	CWT	\$0.08	\$5.94	\$2,671.20
Rice Storage	70	CWT	\$0.34	\$23.74	\$10,684.80
Insecticide				<b>\$13.64</b>	
Waterweevil	1.6	Ounce	\$2.84	\$4.55	\$2,045.38
Stinkbug Pyrthyroid Rice	3.2	Ounce	\$2.84	\$9.09	\$4,090.75
Herbicide				<b>\$51.36</b>	
Clomazone	0.1	Gallon	\$145.00	\$14.50	\$6,525.00
Rice PostEmerge Herbicide 1	1	Acre	\$21.20	\$21.20	\$9,540.00
Rice PostEmerge Herbicide 2	7	Ounce	\$2.24	\$15.66	\$7,045.29
Other Chemicals				<b>\$4.45</b>	
Herbicide Surfactant	2.5	Acre	\$1.59	\$3.98	\$1,788.75
Fungicide Surfactant	1	Acre	\$0.48	\$0.48	\$214.65
Fungicides				<b>\$31.78</b>	
Rice Fungicide	1	Acre	\$31.78	\$31.78	\$14,300.46
Irrigation				<b>\$70.93</b>	
Water Cost	2.75	AcreFoot	\$15.80	\$43.45	\$19,552.50
Irrigation Labor	1.57	Hour	\$17.50	\$27.48	\$12,363.75
Machinery Labor				<b>\$15.32</b>	
Tractors/Self-Propelled	0.89	Hour	\$17.21	\$15.32	\$6,892.61
Diesel Fuel				<b>\$18.64</b>	
Tractors/Self-Propelled	8.32	Gallon	\$2.24	\$18.64	\$8,386.56
Repairs & Maintenance				<b>\$40.18</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			8.00%	\$44.05	\$19,823.79
<b>Total Variable Costs</b>				<b>\$919.32</b>	<b>\$413,693.88</b>
Planned Returns Above Variable Costs:				\$200.68	\$90,306.12
Breakeven Price to Cover Variable Costs			\$4.39	CWT	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise 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	8.00%	\$0.14	\$64.00
Tractors/Self-Propelled	\$206.43	Dollars	8.00%	\$16.51	\$7,431.60
Implements	\$147.50	Dollars	8.00%	\$11.80	\$5,309.91
Management Fee, Owner/Operator Labor	1	Acre	\$56.00	\$56.00	\$25,200.00
Rice - Land Charge	1	Acre	\$130.00	\$130.00	\$58,500.00
<b>Total Fixed Costs</b>				<b>\$258.74</b>	<b>\$116,432.83</b>
<b>Total Specified Costs</b>				<b>\$1,178.06</b>	<b>\$530,126.71</b>
Returns Above Specified Costs				<b>(\$58.06)</b>	<b>(\$26,126.71)</b>
<b>Breakeven Price to Cover Total Costs</b>			<b>\$8.09</b>	CWT	

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.*