

**2024 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
Total Revenue				\$1,120.00	\$504,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Seed				\$46.75	
Rice	0.9	CWT	\$51.94	\$46.75	\$21,035.70
Fertilizer				\$188.8	
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	\$495.00	\$37.13	\$16,706.25
Custom				\$235.54	
Base Fertilizer	1	Acre	\$14.00	\$14.00	\$6,300.00
Ground Application	1	Acre	\$12.00	\$12.00	\$5,400.00
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	\$8.00	\$36.00	\$16,200.00
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				\$147.73	
Crop Insurance -Rice Enterprise	1	Acre	\$1.00	\$1.00	\$450.00
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				\$13.64	
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				\$51.36	
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				\$4.23	
Herbicide Surfactant	2.5	Acre	\$1.50	\$3.75	\$1,687.50
Fungicide Surfactant	1	Acre	\$0.48	\$0.48	\$214.65
Fungicides				\$31.78	
Rice Fungicide	1	Acre	\$31.78	\$31.78	\$14,300.46
Irrigation				\$71.62	
Water Cost	2.75	AcreFoot	\$15.80	\$43.45	\$19,552.50
Irrigation Labor	1.57	Hour	\$17.94	\$28.17	\$12,674.61
Machinery Labor				\$15.71	
Tractors/Self-Propelled	0.89	Hour	\$17.65	\$15.71	\$7,068.83
Diesel Fuel				\$24.96	
Tractors/Self-Propelled	8.32	Gallon	\$3.00	\$24.96	\$11,232.00
Repairs & Maintenance				\$40.18	
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			9.00%	\$49.12	\$22,102.82
Total Variable Costs				\$921.39	\$414,627.45
Planned Returns Above Variable Costs:				\$198.61	\$89,372.55
Breakeven Price to Cover Variable Costs			\$4.42	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	\$26.76	\$26.76	\$12,039.97
Implements	1	Acre	\$17.29	\$17.29	\$7,780.69
Equipment Investment					
Irrigation Equipment	\$1.78	Dollars	9.00%	\$0.16	\$72.00
Tractors/Self-Propelled	\$206.43	Dollars	9.00%	\$18.58	\$8,360.55
Implements	\$147.50	Dollars	9.00%	\$13.27	\$5,973.65
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
Total Fixed Costs				\$262.30	\$118,033.52
Total Specified Costs				\$1,183.69	\$532,660.97
Returns Above Specified Costs				(\$63.69)	(\$28,660.97)
Breakeven Price to Cover Total Costs			\$8.17	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.