

Projections for Planning Purposes Only -- Not to be Used without Updating
2025 Estimated Costs and Returns per Acre
Rice West of Houston, 1st Crop, Surface Water
Coastal Bend Extension District - 11

Crop Acres		450			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Rice 1st Crop Loan	70.00	CWT	\$11.06	\$774.20	\$348,390.00
Rice 1st Crop Premium	70.00	CWT	\$5.04	\$352.80	\$158,760.00
Total Revenue				\$1,127.00	\$507,150.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Seed				\$42.75	
Rice	0.9	CWT	\$47.50	\$42.75	\$19,237.50
Fertilizer				\$220.09	
17-21-14-4.3S'	0.141	Ton	\$705.16	\$99.43	\$44,742.40
33-0-0'	0.1	Ton	\$837.60	\$83.76	\$37,692.00
46-0-0'	0.075	Ton	\$492.00	\$36.90	\$16,605.00
Custom				\$304.97	
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	\$12.00	\$12.00	\$5,400.00
Aerial Application	4.5	Acre	\$8.00	\$36.00	\$16,200.00
Top Dress	1	Acre	\$10.00	\$10.00	\$4,500.00
Rice Hauling	80.5	CWT	\$0.67	\$53.61	\$24,125.85
Rice Drying	80.5	CWT	\$2.00	\$161.00	\$72,450.00
Miscellaneous				\$169.53	
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	\$19.39	\$19.39	\$8,725.50
Base Water Charge	1	Acre	\$69.95	\$69.95	\$31,477.50
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	\$0.10	\$7.00	\$3,150.00
Check Off	70	CWT	\$0.15	\$10.19	\$4,586.40
Rice Storage	70	CWT	\$0.44	\$30.80	\$13,860.00
Insecticide				\$12.4	
Waterweevil	1.6	Ounce	\$1.27	\$2.03	\$914.40
Stinkbug Pyrthyroid Rice	3.2	Ounce	\$3.24	\$10.37	\$4,665.60
Herbicide				\$48.43	
Clomazone	0.1	Gallon	\$112.00	\$11.20	\$5,040.00
Rice PostEmerge Herbicide 1	1	Acre	\$20.50	\$20.50	\$9,225.00
Rice PostEmerge Herbicide 2	7	Ounce	\$2.39	\$16.73	\$7,528.50
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				\$26.48	
Rice Fungicide	1	Acre	\$26.48	\$26.48	\$11,916.00
Irrigation				\$93.32	
Water Cost	2.75	AcreFoot	\$24.80	\$68.20	\$30,690.00
Irrigation Labor	1.57	Hour	\$16.00	\$25.12	\$11,304.00
Machinery Labor				\$14.24	
Tractors/Self-Propelled	0.89	Hour	\$16.00	\$14.24	\$6,408.00
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			8.60%	\$52.45	\$23,600.87
Total Variable Costs				\$1,054.03	\$474,313.11
Planned Returns Above Variable Costs:				\$72.97	\$32,836.89
Breakeven Price to Cover Variable Costs			\$10.02	CWT	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation				\$44.28	
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				\$30.59	
Irrigation Equipment	\$1.78	Dollars	8.60%	\$0.15	\$68.80
Tractors/Self-Propelled	\$206.43	Dollars	8.60%	\$17.75	\$7,988.97
Implements	\$147.50	Dollars	8.60%	\$12.68	\$5,708.16
Management Fee, Owner/Operator Labor	1	Acre	\$56.35	\$56.35	\$25,357.50
Rice - Land Charge	1	Acre	\$130.00	\$130.00	\$58,500.00
Total Fixed Costs				\$261.22	\$117,550.75
Total Specified Costs				\$1,315.25	\$591,863.86
Returns Above Specified Costs				(\$188.25)	(\$84,713.86)
Breakeven Price to Cover Total Costs			\$13.75	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	52.50	\$13.36	\$18.33
90%	63.00	\$11.13	\$15.28
100%	70.00	\$10.02	\$13.75
110%	77.00	\$9.11	\$12.50
125%	87.50	\$8.01	\$11.00

Developed by Yuri Calil, Assistant Professor & Extension Economist, Texas A&M AgriLife Extension, 361-265-9203.

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.