

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 Estimated Costs and Returns per Acre
First Crop Rice (Jefferson-Liberty Counties) - 450 Acres
Southeast Extension District - 9

Crop Acres		450				Enterprise
REVENUE		Quantity	Units	\$/Unit	Total	Total
	Rice 1st Crop Loan	55.00	CWT	\$7.50	\$412.50	\$185,625.00
	Rice 1st Crop Premium	55.00	CWT	\$8.00	\$440.00	\$198,000.00
Total Revenue					\$852.50	\$383,625.00
VARIABLE COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs						
Seed						
	Seed - Rice	1	CWT	\$46.50	\$46.50	\$20,925.00
Fertilizer						
	Phosphate	100	Pound	\$0.65	\$65.00	\$29,250.00
	Potash	50	Pound	\$0.46	\$23.00	\$10,350.00
	80-0-0	80	Pound	\$0.96	\$76.80	\$34,560.00
	46-0-0	40	Pound	\$0.55	\$22.00	\$9,900.00
Herbicide						
	Propanil	1	Gallon	\$29.10	\$29.10	\$13,095.00
	Facet	0.5	Pound	\$49.15	\$24.58	\$11,058.75
	Propanil	1	Gallon	\$29.10	\$29.10	\$13,095.00
	Permit	1	Ounce	\$19.50	\$19.50	\$8,775.00
Insecticide						
	Mustang Max	6.4	Ounce	\$1.56	\$9.98	\$4,492.80
Fungicides						
	Quilt XL	14	Ounce	\$1.91	\$26.74	\$12,033.00
Custom						
	Pre-Plant Fertilization	1	Acre	\$9.36	\$9.36	\$4,212.00
	Seeding	1	Acre	\$5.89	\$5.89	\$2,650.50
	Survey Levees	1	Acre	\$3.00	\$3.00	\$1,350.00
	Herbicide Application	2	Acre	\$6.33	\$12.66	\$5,697.00
	1st Top Dress Fertilization	1	Acre	\$7.07	\$7.07	\$3,181.50
	Insecticide Application	1	Acre	\$4.88	\$4.88	\$2,196.00
	2nd Top Dress Fertilization	1	Acre	\$6.11	\$6.11	\$2,749.50
	Fungicide Application	1	Acre	\$4.88	\$4.88	\$2,196.00
	Rice Hauling	62.37	CWT	\$0.30	\$18.71	\$8,419.95
	Rice Drying	62.37	CWT	\$1.25	\$77.96	\$35,083.13
	Commission	55	CWT	\$0.08	\$4.40	\$1,980.00
Irrigation						
	Energy or Water Cost	1.00	Acre	\$45.00	\$45.00	\$20,250.00
	Irrigation Labor	1.00	Hour	\$9.00	\$9.00	\$4,050.00
Machinery Labor						
	Tractors/Self-Propelled	4.57	Hour	\$13.75	\$62.84	\$28,276.88
Diesel Fuel						
	Tractors/Self-Propelled	15.59	Gallon	\$3.28	\$51.14	\$23,010.84
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$2.71	\$2.71	\$1,218.75
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$1.02	\$1.02	\$459.00
	Tractors/Self-Propelled	1	Acre	\$49.61	\$49.61	\$22,323.04
	Implements	1	Acre	\$23.38	\$23.38	\$10,521.85
	Interest on Credit Line			5.50%	\$10.82	\$4,870.66
Total Variable Costs					\$782.74	\$352,231.14
Planned Returns Above Variable Costs:					\$69.76	\$31,393.86
Breakeven Price to Cover Variable Costs				\$6.23	CWT	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
	Pickup/General Use Equipment	1	Acre	\$1.07	\$1.07	\$481.95
	Tractors/Self-Propelled	1	Acre	\$64.03	\$64.03	\$28,815.71
	Implements	1	Acre	\$29.05	\$29.05	\$13,072.13
Equipment Investment						
	Pickup/General Use Equipment	\$12.75	Dollars	7.00%	\$0.89	\$401.63
	Tractors/Self-Propelled	\$463.23	Dollars	7.00%	\$32.43	\$14,591.84
	Implements	\$214.35	Dollars	7.00%	\$15.00	\$6,751.90
	Cash Rent - Rice	1	Acre	\$55.00	\$55.00	\$24,750.00
Total Fixed Costs					\$197.48	\$88,865.15
Total Specified Costs					\$980.21	\$441,096.29
Returns Above Specified Costs					(\$127.71)	(\$57,471.29)
Breakeven Price to Cover Total Costs				\$9.82	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	Share Tenant	Own/Rent	Share Tenant	Landlord
75%	41.25	\$8.31	\$8.31	\$13.10	\$13.10	\$0.00
90%	49.50	\$6.92	\$6.92	\$10.91	\$10.91	\$0.00
100%	55.00	\$6.23	\$6.23	\$9.82	\$9.82	\$0.00
110%	60.50	\$5.67	\$5.67	\$8.93	\$8.93	\$0.00
125%	68.75	\$4.99	\$4.99	\$7.86	\$7.86	\$0.00

Developed by Extension Economists, 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.