

Projections for Planning Purposes Only -- Not to be Used without Updating
2013 Estimated Costs and Returns per Acre
First Crop Rice (Jefferson-Liberty Counties) - 450 Acres
Southeast Extension District - 9

Crop Acres		450			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
1st Crop Loan	55.00	CWT	\$ 6.90	\$379.50	\$170,775.00
1st Crop Premium	55.00	CWT	\$ 8.00	\$440.00	\$198,000.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00
Total Revenue				\$819.50	\$368,775.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
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
Fertilizer					
Phosphate	100	Pounds	\$0.65	\$65.00	\$29,250.00
Potash	50	Pounds	\$0.46	\$23.00	\$10,350.00
80-0-0	80	Pounds	\$0.96	\$76.52	\$34,434.78
46-0-0	40	Pounds	\$0.55	\$22.00	\$9,900.00
Herbicide					
Propanil	2	Gallon	\$29.10	\$58.20	\$26,190.00
Facet	0.5	Pound	\$49.15	\$24.58	\$11,058.75
Premit	1	Ounce	\$19.50	\$19.50	\$8,775.00
Insecticide					
Mustang Max	6.4	Ounce	\$1.56	\$10.00	\$4,500.00
Fungicide					
Quilt XL	14	Ounce	\$1.91	\$26.80	\$12,058.59
Seed					
Rice Seed	1	CWT	\$46.50	\$46.50	\$20,925.00
Irrigation					
Water	1	Acre	\$45.00	\$45.00	\$20,250.00
Irrigation Labor	1	Acre	\$9.00	\$9.00	\$4,050.00
Operator Labor					
Tractor	3.61105	Hours	\$13.75	\$49.65	\$22,343.37
Self-Propelled Equipment	0.194	Hours	\$13.75	\$2.67	\$1,200.38
Diesel Fuel					
Tractors	10.5866	Gallons	\$3.30	\$34.94	\$15,721.13
Self-Propelled Equipment	1.1446	Gallons	\$3.30	\$3.78	\$1,699.73
Gasoline					
Pickup Truck	3.6	Gallons	\$3.20	\$11.52	\$5,184.00
Repairs & Maintenance					
Tractor	1	Acre	\$10.18	\$10.18	\$4,581.51
Implements	1	Acre	\$7.04	\$7.04	\$3,169.76
Self Propelled	1	Acre	\$15.89	\$15.89	\$7,149.81
Interest on Credit Line			5.50%	\$11.75	\$5,289.03
Total Variable Costs				\$728.44	\$327,796.42
Planned Returns Above Variable Costs:				\$91.06	\$40,978.58
Breakeven Price to Cover Variable Costs			\$5.24 CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery					
Implements	1	Acre	\$13.03	\$13.03	\$5,863.54
Tractors	1	Acre	\$20.72	\$20.72	\$9,322.50
Self Propelled	1	Acre	\$29.56	\$29.56	\$13,303.66
Cash Rent	1	Acre	\$55.00	\$55.00	\$24,750.00
Total Fixed Costs				\$118.31	\$53,239.70
Total Specified Costs				\$846.75	\$381,036.12
Returns Above Specified Costs				(\$27.25)	(\$12,261.12)
Breakeven Price to Cover Total Costs			\$7.40 CWT		

Breakeven Prices						
Yield Percent	Yield CWT	Variable Costs		Total Costs		
		Full	Tenant	Full	Tenant	Landlord
75%	41.25	\$6.99	\$6.99	\$9.86	\$9.86	\$0.00
90%	49.50	\$5.83	\$5.83	\$8.22	\$8.22	\$0.00
100%	55.00	\$5.24	\$5.24	\$7.40	\$7.40	\$0.00
110%	60.50	\$4.77	\$4.77	\$6.72	\$6.72	\$0.00
125%	68.75	\$4.20	\$4.20	\$5.92	\$5.92	\$0.00

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation.