

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2015 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	Total
Rice 1st Crop Loan	55.00	CWT	\$7.50	\$412.50		\$185,625.00
Rice 1st Crop Premium	55.00	CWT	\$6.50	\$357.50		\$160,875.00
<b>Total Revenue</b>				<b>\$770.00</b>		<b>\$346,500.00</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
Custom						
Pre-Plant Fertilization	1	Acre	\$9.36	\$9.36		\$4,212.00
Survey Levees	1	Acre	\$6.00	\$6.00		\$2,700.00
Rice Hauling	62.37	CWT	\$0.30	\$18.71		\$8,419.95
Rice Drying	62.37	CWT	\$1.40	\$87.32		\$39,293.10
Commission	55	CWT	\$0.08	\$4.40		\$1,980.00
Top Dress Fertilization	330	Pound	\$0.09	\$29.70		\$13,365.00
Air Herbicide	1	Acre	\$9.00	\$9.00		\$4,050.00
Air Insecticide	1	Acre	\$9.00	\$9.00		\$4,050.00
Fertilizer						
Potash (0-0-60)	50	Pound	\$0.23	\$11.50		\$5,175.00
Urea (46-0-0)	330	Pound	\$0.24	\$79.20		\$35,640.00
DAP (18-46-0)	100	Pound	\$0.28	\$28.00		\$12,600.00
Herbicide						
Propanil	2	Gallon	\$29.10	\$58.20		\$26,190.00
Facet	0.5	Pound	\$49.15	\$24.58		\$11,058.75
Permit	1	Ounce	\$20.50	\$20.50		\$9,225.00
Insecticide						
Mustang Max	3.2	Ounce	\$1.45	\$4.62		\$2,080.80
Seed						
Seed - Rice	0.7	CWT	\$48.00	\$33.60		\$15,120.00
Fungicides						
Quilt XL	17	Ounce	\$1.80	\$30.60		\$13,770.00
Irrigation						
Water Cost	1.00	Acre	\$45.00	\$45.00		\$20,250.00
Machinery Labor						
Tractors/Self-Propelled	3.99	Hour	\$13.75	\$54.86		\$24,688.13
Diesel Fuel						
Tractors/Self-Propelled	15.09	Gallon	\$3.28	\$49.50		\$22,272.84
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	\$32.80	\$32.80		\$14,761.16
Implements	1	Acre	\$25.54	\$25.54		\$11,493.85
Interest on Credit Line			5.00%	\$7.85		\$3,532.22
<b>Total Variable Costs</b>				<b>\$683.57</b>		<b>\$307,605.55</b>
Planned Returns Above Variable Costs:				\$86.43		\$38,894.45
Breakeven Price to Cover Variable Costs			\$5.93	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$1.07	\$1.07		\$481.95
Tractors/Self-Propelled	1	Acre	\$30.70	\$30.70		\$13,814.90
Implements	1	Acre	\$33.24	\$33.24		\$14,956.92
Equipment Investment						
Pickup/General Use Equipment	\$12.75	Dollars	5.00%	\$0.64		\$286.88
Tractors/Self-Propelled	\$348.01	Dollars	5.00%	\$17.40		\$7,830.19
Implements	\$263.63	Dollars	5.00%	\$13.18		\$5,931.74
Cash Rent - Rice	1	Acre	\$55.00	\$55.00		\$24,750.00
<b>Total Fixed Costs</b>				<b>\$151.23</b>		<b>\$68,052.58</b>
<b>Total Specified Costs</b>				<b>\$834.80</b>		<b>\$375,658.13</b>
Returns Above Specified Costs						(\$64.80) (\$29,158.13)
<b>Breakeven Price to Cover Total Costs</b>			<b>\$8.68</b>	<b>CWT</b>		

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	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	41.25	\$7.90	\$7.90	\$11.57	\$11.57	\$0.00
90%	49.50	\$6.59	\$6.59	\$9.64	\$9.64	\$0.00
100%	55.00	\$5.93	\$5.93	\$8.68	\$8.68	\$0.00
110%	60.50	\$5.39	\$5.39	\$7.89	\$7.89	\$0.00
125%	68.75	\$4.74	\$4.74	\$6.94	\$6.94	\$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.**