

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2016 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	\$4.50	\$247.50		\$111,375.00
<b>Total Revenue</b>				<b>\$660.00</b>		<b>\$297,000.00</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
Air Herbicide	1	Acre	\$9.00	\$9.00		\$4,050.00
Top Dress Fertilization	330	Pound	\$0.09	\$29.70		\$13,365.00
Air Insecticide	1	Acre	\$9.00	\$9.00		\$4,050.00
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
Fertilizer						
DAP (18-46-0)	100	Pound	\$0.28	\$28.00		\$12,600.00
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
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	\$2.00	\$30.18		\$13,581.00
Gasoline						
Pickup/General Use Equipment	1	Acre	\$1.58	\$1.58		\$712.50
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%	\$7.43		\$3,343.44
<b>Total Variable Costs</b>				<b>\$662.71</b>		<b>\$298,218.67</b>
Planned Returns Above Variable Costs:						
Breakeven Price to Cover Variable Costs			\$7.55	CWT		Enterprise Total
						(\$2,711.67) (\$1,218.67)
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	\$7.40	Dollars	5.00%	\$0.37		\$166.39
Tractors/Self-Propelled	\$235.50	Dollars	5.00%	\$11.78		\$5,298.83
Implements	\$148.48	Dollars	5.00%	\$7.42		\$3,340.70
Cash Rent - Rice	1	Acre	\$55.00	\$55.00		\$24,750.00
<b>Total Fixed Costs</b>				<b>\$139.58</b>		<b>\$62,809.70</b>
<b>Total Specified Costs</b>				<b>\$802.29</b>		<b>\$361,028.37</b>
Returns Above Specified Costs						(\$142.29) (\$64,028.37)
<b>Breakeven Price to Cover Total Costs</b>			<b>\$10.09</b>	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	41.25	\$10.07	\$13.45
90%	49.50	\$8.39	\$11.21
100%	55.00	\$7.55	\$10.09
110%	60.50	\$6.86	\$9.17
125%	68.75	\$6.04	\$8.07

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.**