

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2019 Estimated Costs and Returns per Acre**  
**First Crop Rice (Jefferson-Liberty Counties)**  
**Southeast Extension District - 9**

Crop Acres		450				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Rice 1st Crop Loan	55.00	CWT	\$7.00	\$385.00	\$173,250.00	
Rice 1st Crop Premium	55.00	CWT	\$5.50	\$302.50	\$136,125.00	
<b>Total Revenue</b>				<b>\$687.50</b>	<b>\$309,375.00</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	\$0.27	\$27.00	\$12,150.00	
Potash (0-0-60)	50	Pound	\$0.15	\$7.50	\$3,375.00	
Urea (46-0-0)	330	Pound	\$0.19	\$62.70	\$28,215.00	
Herbicide						
Propanil	2	Gallon	\$28.00	\$56.00	\$25,200.00	
Permit	1	Ounce	\$19.10	\$19.10	\$8,595.00	
Facet L	1	Quart	\$27.25	\$27.25	\$12,262.50	
Insecticide						
Mustang Max	3.2	Ounce	\$1.19	\$3.80	\$1,710.00	
Seed						
Seed - Rice	0.7	CWT	\$55.00	\$38.50	\$17,325.00	
Fungicides						
Quilt XL	17	Ounce	\$1.45	\$24.57	\$11,056.64	
Irrigation						
Water Cost	1.00	Acre	\$45.00	\$45.00	\$20,250.00	
Machinery Labor						
Tractors/Self-Propelled	3.94	Hour	\$13.75	\$54.18	\$24,378.75	
Diesel Fuel						
Tractors/Self-Propelled	14.68	Gallon	\$2.35	\$34.50	\$15,524.10	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$1.83	\$1.83	\$825.00	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$1.02	\$1.02	\$459.00	
Tractors/Self-Propelled	1	Acre	\$36.14	\$36.14	\$16,262.85	
Implements	1	Acre	\$30.02	\$30.02	\$13,508.14	
Interest on Credit Line			5.00%	\$8.81	\$3,965.04	
<b>Total Variable Costs</b>				<b>\$651.40</b>	<b>\$293,132.07</b>	
<b>Planned Returns Above Variable Costs:</b>				<b>\$36.10</b>	<b>\$16,242.93</b>	
Breakeven Price to Cover Variable Costs			\$6.34	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	\$33.73	\$33.73	\$15,179.38	
Implements	1	Acre	\$38.77	\$38.77	\$17,446.00	
Equipment Investment						
Pickup/General Use Equipment	\$7.40	Dollars	5.00%	\$0.37	\$166.39	
Tractors/Self-Propelled	\$259.56	Dollars	5.00%	\$12.98	\$5,840.16	
Implements	\$177.49	Dollars	5.00%	\$8.87	\$3,993.45	
Cash Rent - Rice	1	Acre	\$55.00	\$55.00	\$24,750.00	
<b>Total Fixed Costs</b>				<b>\$150.79</b>	<b>\$67,857.33</b>	
<b>Total Specified Costs</b>				<b>\$802.20</b>	<b>\$360,989.40</b>	
<b>Returns Above Specified Costs</b>				<b>(\$114.70)</b>	<b>(\$51,614.40)</b>	
<b>Breakeven Price to Cover Total Costs</b>			<b>\$9.09</b>	<b>CWT</b>		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	41.25	\$8.46	\$12.11
90%	49.50	\$7.05	\$10.09
100%	55.00	\$6.34	\$9.09
110%	60.50	\$5.77	\$8.26
125%	68.75	\$5.07	\$7.27

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

**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.**