

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 Estimated Costs and Returns per Acre**  
**First Crop Rice (Jefferson-Liberty Counties)**  
**Southeast Extension District - 9**

Crop Acres		450				
		Quantity	Units	\$/Unit	Total	Enterprise Total
<b>REVENUE</b>						
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>
<b>VARIABLE COSTS</b>						
<b>Production Costs</b>		Quantity	Units	\$/Unit	Total	Enterprise Total
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	\$37.04	\$37.04	\$16,669.30
Implements		1	Acre	\$30.21	\$30.21	\$13,592.68
Interest on Credit Line				5.00%	\$8.84	\$3,977.31
<b>Total Variable Costs</b>					<b>\$652.52</b>	<b>\$293,635.33</b>
Planned Returns Above Variable Costs:					\$34.98	\$15,739.67
Breakeven Price to Cover Variable Costs				\$6.36	CWT	
<b>FIXED COSTS</b>						
<b>Machinery Depreciation</b>		Quantity	Units	\$/Unit	Total	Enterprise Total
Pickup/General Use Equipment		1	Acre	\$1.07	\$1.07	\$481.95
Tractors/Self-Propelled		1	Acre	\$34.74	\$34.74	\$15,631.77
Implements		1	Acre	\$39.01	\$39.01	\$17,556.70
Equipment Investment						
Pickup/General Use Equipment		\$7.40	Dollars	5.00%	\$0.37	\$166.39
Tractors/Self-Propelled		\$267.25	Dollars	5.00%	\$13.36	\$6,013.09
Implements		\$178.67	Dollars	5.00%	\$8.93	\$4,019.98
Cash Rent - Rice		1	Acre	\$55.00	\$55.00	\$24,750.00
<b>Total Fixed Costs</b>					<b>\$152.49</b>	<b>\$68,619.87</b>
<b>Total Specified Costs</b>					<b>\$805.01</b>	<b>\$362,255.20</b>
Returns Above Specified Costs					(\$117.51)	(\$52,880.20)
Breakeven Price to Cover Total Costs				\$9.14	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	41.25	\$8.49	\$12.18
90%	49.50	\$7.07	\$10.15
100%	55.00	\$6.36	\$9.14
110%	60.50	\$5.79	\$8.31
125%	68.75	\$5.09	\$7.31

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.**