Projections for Planning Purposes Only -- Not to be Used without Updating 2015 Estimated Costs and Returns per Acre Rice West of Houston, 2nd Crop, Surface Water - 450 Acres Coastal Bend Extension District - 11

Crop Acres 450

REVENUE	Crop Acres	450				
Rice 2nd Crop Loan 16.00	DEVENUE	O	Llaita	ф/I I: t	Tatal	Enterprise
Rice 2nd Crop Premium				•		
Total Revenue				•	·	
NARIABLE COSTS	•	10.00	CVVI	φ5.05		
VARIABLE COSTS	Total Revenue				φ100.00	
Production Costs	VADIADI E COSTS	Quantity	Unite	¢/Lloit	Total	•
Fertilizer		Quantity	Offics	φ/ΟΠΙ	Total	I Olai
A6-0-ton						
Custom		0.075	Ton	\$460.00	\$34.50	\$15 525 00
Top Dress		0.070	1011	φ-100.00	ΨΟ-1.00	φ10,020.00
Aerial Application 1 Acre \$7.80 \$7.80 \$3.510.00 Rice Hauling 19.3 CWT \$0.36 \$6.95 \$3.126.60 Rice Drying 19.3 CWT \$1.25 \$24.13 \$10.856.25 Miscellaneous		1	Acre	\$9.18	\$9.18	\$4 131 00
Rice Hauling 19.3 CWT \$0.36 \$6.95 \$3,126.60 Rice Drying 19.3 CWT \$1.25 \$24.13 \$10,856.25 Miscellaneous Check Off 16 CWT \$0.08 \$1.28 \$576.00 Commission 16 CWT \$0.08 \$1.28 \$576.00 Rice Storage 16 CWT \$0.03 \$1.28 \$576.00 Rice Storage 16 CWT \$0.32 \$5.12 \$2,304.00 Rice Storage 17 Rice Storage 18.89 \$35.89 \$16,150.95 Rice Storage 17 Rice Storage 18.89 \$35.89 \$16,150.95 Rice Storage 19.00 \$13.85 \$66,230.25 Rice Storage 19.00 \$10.00	•			•	•	
Rice Drying		-		-	•	
Miscellaneous	<u> </u>			•	•	
Check Off	· · ·			4 0	Ψ=σ	ψ.ο,οοο.=ο
Commission 16 CWT \$0.08 \$1.28 \$576.00 Rice Storage 16 CWT \$0.32 \$5.12 \$2,304.00 Insecticide Stinkbug Rice 0.222222 Pint \$23.59 \$5.24 \$2,359.00 Irrigation Water Cost 1.90 AcreFoot \$18.89 \$35.89 \$16,150.95 Irrigation Labor 0.71 Hour \$19.50 \$13.85 \$6,230.25 Machinery Labor Tractors/Self-Propelled 0.24 Hour \$19.50 \$4.68 \$2,106.00 Diesel Fuel Tractors/Self-Propelled 0.24 Hour \$19.50 \$4.68 \$2,106.00 Diesel Fuel Tractors/Self-Propelled 1 Acre \$0.01 \$0.01 \$5.33 Tractors/Self-Propelled 1 Acre \$8.87 \$8.87 \$3,991.54 Implements 1 Acre \$1.33 \$1.33 \$600.05 Interest on Credit Line \$1.00 \$1.		16	CWT	\$0.08	\$1.28	\$576.00
Rice Storage						•
Insecticide				•		•
Irrigation	_			•	·	. ,
Water Cost Inrigation Labor 1.90 0.71 AcreFoot Hour \$18.89 \$19.50 \$35.89 \$13.85 \$16,150.95 \$6,230.25 Machinery Labor Tractors/Self-Propelled 0.24 Hour \$19.50 \$4.68 \$2,106.00 Diesel Fuel Tractors/Self-Propelled 2.11 Gallon \$3.30 \$6.96 \$3,133.35 Repairs & Maintenance Irrigation Equipment 1 Acre \$0.01 \$0.01 \$5.33 Tractors/Self-Propelled 1 Acre \$0.01 \$0.01 \$5.33 Implements 1 Acre \$8.87 \$3,991.54 Implements 1 Acre \$1.33 \$1.33 \$600.05 Interest on Credit Line 50.0% \$0.78 \$3,991.54 Total Variable Costs 50.0% \$0.78 \$3,49.54 Total Variable Costs \$5.44 CWT Enterprise FIXED COSTS Quantity Units \$/Unit Total Machinery Depreciation Irrigation Equipment 1 Acre \$0.24 \$0.24 \$106.67 Tractors/Self-Propelled Irrigatio	Stinkbug Rice	0.222222	Pint	\$23.59	\$5.24	\$2,359.00
Water Cost Inrigation Labor 1.90 0.71 AcreFoot Hour \$18.89 \$19.50 \$35.89 \$13.85 \$16,150.95 \$6,230.25 Machinery Labor Tractors/Self-Propelled 0.24 Hour \$19.50 \$4.68 \$2,106.00 Diesel Fuel Tractors/Self-Propelled 2.11 Gallon \$3.30 \$6.96 \$3,133.35 Repairs & Maintenance Irrigation Equipment 1 Acre \$0.01 \$0.01 \$5.33 Tractors/Self-Propelled 1 Acre \$0.01 \$0.01 \$5.33 Implements 1 Acre \$8.87 \$3,991.54 Implements 1 Acre \$1.33 \$1.33 \$600.05 Interest on Credit Line 50.0% \$0.78 \$3,991.54 Total Variable Costs 50.0% \$0.78 \$3,49.54 Total Variable Costs \$5.44 CWT Enterprise FIXED COSTS Quantity Units \$/Unit Total Machinery Depreciation Irrigation Equipment 1 Acre \$0.24 \$0.24 \$106.67 Tractors/Self-Propelled Irrigatio	Irrigation					
Machinery Labor Tractors/Self-Propelled 0.24 Hour \$19.50 \$4.68 \$2,106.00 Diesel Fuel Tractors/Self-Propelled 2.11 Gallon \$3.30 \$6.96 \$3,133.35 Repairs & Maintenance Irrigation Equipment 1 Acre \$0.01 \$0.01 \$5.33 Tractors/Self-Propelled 1 Acre \$8.87 \$8.87 \$3.991.54 Implements 1 Acre \$1.33 \$1.33 \$500.05 Interest on Credit Line 5.00% \$0.78 \$349.54 Total Variable Costs 5.00% \$0.78 \$349.54 Planned Returns Above Variable Costs: \$5.44 CWT Enterprise FIXED COSTS Quantity Units \$/Unit Total Total Machinery Depreciation Irrigation Equipment 1 Acre \$0.24 \$0.24 \$106.67 Tractors/Self-Propelled 1 Acre \$0.24 \$0.24 \$106.67 Tractors/Self-Propelled 1 Acre \$1.48 \$1.48 \$64.53 Equipment		1.90	AcreFoot	\$18.89	\$35.89	\$16,150.95
Tractors/Self-Propelled D.24	Irrigation Labor	0.71	Hour	\$19.50	\$13.85	\$6,230.25
Diesel Fuel	Machinery Labor					
Tractors/Self-Propelled 2.11 Gallon \$3.30 \$6.96 \$3,133.35 Repairs & Maintenance	Tractors/Self-Propelled	0.24	Hour	\$19.50	\$4.68	\$2,106.00
Repairs & Maintenance	Diesel Fuel					
Irrigation Equipment	Tractors/Self-Propelled	2.11	Gallon	\$3.30	\$6.96	\$3,133.35
Tractors/Self-Propelled 1 Acre \$8.87 \$8.87 \$3,991.54 Implements 1 Acre \$1.33 \$1.33 \$600.05 Interest on Credit Line 5.00% \$0.78 \$349.54 S75,530.87 S20.95 \$9,429.13 S75,530.87 S20.95 S9,429.13 S75,530.87 S75,530.8	Repairs & Maintenance					
Implements	Irrigation Equipment	1	Acre	\$0.01	\$0.01	\$5.33
Interest on Credit Line	Tractors/Self-Propelled	1	Acre	\$8.87	\$8.87	\$3,991.54
Total Variable Costs \$167.85 \$75,530.87	Implements	1	Acre	\$1.33	\$1.33	\$600.05
Planned Returns Above Variable Costs \$20.95 \$9,429.13	Interest on Credit Line			5.00%	\$0.78	\$349.54
State Court State Stat	Total Variable Costs				\$167.85	\$75,530.87
State Court State Stat	Planned Returns Above Variable Costs:				\$20.95	\$9,429.13
Nachinery Depreciation Irrigation Equipment 1 Acre \$0.24 \$0.24 \$106.67 Tractors/Self-Propelled 1 Acre \$8.07 \$8.07 \$3,630.62 Implements 1 Acre \$1.48 \$1.48 \$664.53 Equipment Investment Irrigation Equipment \$3.56 Dollars 7.00% \$0.25 \$112.00 Tractors/Self-Propelled \$91.93 Dollars 7.00% \$6.44 \$2,895.78 Implements \$34.02 Dollars 7.00% \$2.38 \$1,071.53 Management Fee, Owner/Operator Labor 1 Acre \$9.44 \$9.44 \$4,248.00 Total Fixed Costs \$28.29 \$12,729.12 \$196.13 \$88,259.99 \$196.13 \$88,259.99 \$1.200	Breakeven Price to Cover Variable Costs			\$5.44		
Nachinery Depreciation Irrigation Equipment 1 Acre \$0.24 \$0.24 \$106.67 Tractors/Self-Propelled 1 Acre \$8.07 \$8.07 \$3,630.62 Implements 1 Acre \$1.48 \$1.48 \$664.53 Equipment Investment Irrigation Equipment \$3.56 Dollars 7.00% \$0.25 \$112.00 Tractors/Self-Propelled \$91.93 Dollars 7.00% \$6.44 \$2,895.78 Implements \$34.02 Dollars 7.00% \$2.38 \$1,071.53 Management Fee, Owner/Operator Labor 1 Acre \$9.44 \$9.44 \$4,248.00 Total Fixed Costs \$28.29 \$12,729.12 \$196.13 \$88,259.99 \$196.13 \$88,259.99 \$1.200						Enterprise
Irrigation Equipment 1 Acre \$0.24 \$0.24 \$106.67 Tractors/Self-Propelled 1 Acre \$8.07 \$8.07 \$3,630.62 Implements 1 Acre \$1.48 \$1.48 \$664.53 Equipment Investment Irrigation Equipment \$3.56 Dollars 7.00% \$0.25 \$112.00 Tractors/Self-Propelled \$91.93 Dollars 7.00% \$6.44 \$2,895.78 Implements \$34.02 Dollars 7.00% \$2.38 \$1,071.53 Management Fee, Owner/Operator Labor 1 Acre \$9.44 \$9.44 \$4,248.00 Total Fixed Costs \$28.29 \$12,729.12 Total Specified Costs \$196.13 \$88,259.99 Returns Above Specified Costs \$(\$7.33) \$(\$3,299.99)	FIXED COSTS	Quantity	Units	\$/Unit	Total	Total
Tractors/Self-Propelled 1 Acre \$8.07 \$3,630.62 Implements 1 Acre \$1.48 \$1.48 \$664.53 Equipment Investment Irrigation Equipment \$3.56 Dollars 7.00% \$0.25 \$112.00 Tractors/Self-Propelled \$91.93 Dollars 7.00% \$6.44 \$2,895.78 Implements \$34.02 Dollars 7.00% \$2.38 \$1,071.53 Management Fee, Owner/Operator Labor 1 Acre \$9.44 \$9.44 \$4,248.00 Total Fixed Costs \$28.29 \$12,729.12 Total Specified Costs \$196.13 \$88,259.99	Machinery Depreciation					
Implements	Irrigation Equipment	1	Acre	\$0.24	\$0.24	\$106.67
Equipment Investment	Tractors/Self-Propelled	1	Acre	\$8.07	\$8.07	\$3,630.62
Irrigation Equipment \$3.56 Dollars 7.00% \$0.25 \$112.00 Tractors/Self-Propelled \$91.93 Dollars 7.00% \$6.44 \$2,895.78 Implements \$34.02 Dollars 7.00% \$2.38 \$1,071.53 Management Fee, Owner/Operator Labor 1 Acre \$9.44 \$9.44 \$4,248.00 Total Fixed Costs \$28.29 \$12,729.12 Total Specified Costs \$196.13 \$88,259.99 Returns Above Specified Costs \$(\$7.33) \$(\$3,299.99)	Implements	1	Acre	\$1.48	\$1.48	\$664.53
Tractors/Self-Propelled \$91.93 Dollars 7.00% \$6.44 \$2,895.78 Implements \$34.02 Dollars 7.00% \$2.38 \$1,071.53 Management Fee, Owner/Operator Labor 1 Acre \$9.44 \$9.44 \$4,248.00 Total Fixed Costs \$28.29 \$12,729.12 Total Specified Costs \$196.13 \$88,259.99 Returns Above Specified Costs (\$7.33) (\$3,299.99)	Equipment Investment					
Implements	Irrigation Equipment	\$3.56	Dollars	7.00%	\$0.25	\$112.00
Management Fee, Owner/Operator Labor 1 Acre \$9.44 \$4,248.00 Total Fixed Costs \$28.29 \$12,729.12 Total Specified Costs \$196.13 \$88,259.99 Returns Above Specified Costs (\$7.33) (\$3,299.99)	Tractors/Self-Propelled	\$91.93	Dollars	7.00%	\$6.44	\$2,895.78
Total Fixed Costs \$28.29 \$12,729.12 Total Specified Costs \$196.13 \$88,259.99 Returns Above Specified Costs (\$7.33) (\$3,299.99)	Implements	\$34.02	Dollars	7.00%	\$2.38	\$1,071.53
Total Specified Costs \$196.13 \$88,259.99 Returns Above Specified Costs (\$7.33) (\$3,299.99)	Management Fee, Owner/Operator Labor	1	Acre	\$9.44	\$9.44	\$4,248.00
Returns Above Specified Costs (\$7.33) (\$3,299.99)	Total Fixed Costs				\$28.29	\$12,729.12
	Total Specified Costs				\$196.13	\$88,259.99
	Returns Above Specified Costs				(\$7.33)	(\$3.299.99)
Breakeven Price to Cover Total Costs \$7.21 CWT	·			.	, ,	(+0,2000)
	Breakeven Price to Cover Total Costs			\$7.21	CWT	

	Example Breakeven Prices						
Example	Example	Price Needed to Cover Price	Price Needed to Cover				
Yield	Yield	Example Variable Costs Exa	mple Total Costs				
Percent	CWT	Own/Rent ShareTenant Ow	n/Rent ShareTenant	Landlord			
75%	12.00	\$7.25 \$7.25 \$	\$9.61 \$9.61	\$0.00			
90%	14.40	\$6.04 \$6.04 \$	\$8.01 \$8.01	\$0.00			
100%	16.00	\$5.44 \$5.44 \$	\$7.21 \$7.21	\$0.00			
110%	17.60	\$4.95 \$4.95 \$	\$6.55 \$6.55	\$0.00			
125%	20.00	\$4.35 \$4.35 \$	\$5.77 \$5.77	\$0.00			

Developed by Levi Russell, Assistant Professor and Extension Economist, 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.