Projections for Planning Purposes Only -- Not to be Used without Updating 2024 Estimated Costs and Returns per Acre Alfalfa, Full Season, Baled - 7.5 Ton Goal, Center Pivot Irrigated Far West Extension District - 6

REVENUE	Crop Acres	122				
Altala Hay - 3X4						
VARIABLE COSTS						
Name	· · · · · · · · · · · · · · · · · · ·	7.50	ron	\$270.00		
MARIABLE COSTS	Total nevertue				\$2,025.00	
Production Costs	VARIARI E COSTS	Quantity	Units	\$/Unit	Total	•
Custom		Quantity	Onno	φιστιτ	Total	Total
Custom Apply Fertilizer						
Fertilizer Fertilizer 11-52-0	Soil Test	0.5	Each	\$5.00	\$2.50	\$305.00
Fertilizer 11-52-0	Custom Apply Fertilizer	1	Acre	\$6.39	\$6.39	\$779.58
Herbicide	Fertilizer					
Trifluralin		73	Pound	\$0.63	\$45.99	\$5,610.78
Pursuit						
Crop Oil Concentrate		_				
Insecticide						
Warrior Z Irrigation 7.04 Ounce \$1.25 S.04 S.71 \$574.65 Irrigation Energy Cost Irrigation Labor 50.22 Mcf S.70 \$236.03 \$28,796.15 Irrigation Labor Tractors/Self-Propelled 7.84 Hour S17.50 \$5.05 \$616.59 Machinery Labor Tractors/Self-Propelled Sandard S	•	5	Pint	\$2.18	\$10.88	\$1,326.75
Intrepid		7.04	0	44.0 5	#0.00	#4.070.00
Irrigation						
Energy Cost	•	2.31	Ounce	\$2.04	\$4.71	\$574.05
Irrigation Labor		E0 22	Mof	¢4.70	¢226.02	¢20 706 15
Machinery Labor	e.					
Tractors/Self-Propelled 7.84 Hour \$17.21 \$134.93 \$16,461.02	2	0.29	Houi	\$17.50	\$5.05	\$010.55
Diesel Fuel	•	7 84	Hour	\$17.21	\$134.93	\$16 461 02
Tractors/Self-Propelled 37.51 Gallon \$3.60 \$135.04 \$16,474.39 Gasoline Pickup/General Use Equipment 1 Acre \$10.13 \$10.13 \$1,236.06 Repairs & Maintenance Pickup/General Use Equipment 1 Acre \$1.61 \$1.61 \$196.20 Irrigation Equipment 1 Acre \$67.93 \$67.93 \$88,286.91 Implements 1 Acre \$67.93 \$67.93 \$88,286.91 Implements 1 Acre \$3.04 \$3.04 \$370.37 S10.10 S2.73 S10.30 S2.39 \$27,731.10 S10.41 Variable Costs \$849.97 \$103,696.84 S10.42	•	7.04	rioui	Ψ17.21	Ψ104.00	Ψ10,401.02
Pickup/General Use Equipment 1 Acre \$10.13 \$10.13 \$1,236.06		37.51	Gallon	\$3.60	\$135.04	\$16,474,39
Pickup/General Use Equipment Repairs & Maintenance	•	07.0.	Guo	ψο.σσ	Ψ.σσ.σ.	4.07.7.1.00
Repairs & Maintenance		1	Acre	\$10.13	\$10.13	\$1,236.06
Pickup/General Use Equipment					,	, ,
Tractors/Self-Propelled 1 Acre \$67.93 \$67.93 \$82.86.91 Implements 1 Acre \$3.04 \$3.04 \$370.37 \$101 Interest on Credit Line \$8.00% \$22.39 \$2,731.10 \$2,731.10 \$103.696.84 \$103	•	1	Acre	\$1.61	\$1.61	\$196.20
Implements 1 Acre \$3.04 \$3.04 \$370.37 Interest on Credit Line	Irrigation Equipment	1	Acre	\$132.34	\$132.34	\$16,146.06
Interest on Credit Line	Tractors/Self-Propelled	1	Acre	\$67.93	\$67.93	\$8,286.91
Total Variable Costs S849.97 \$103,696.84	Implements	1	Acre	\$3.04	\$3.04	\$370.37
Planned Returns Above Variable Costs \$113.33 Ton Enterprise Total	Interest on Credit Line			8.00%	\$22.39	\$2,731.10
Street	Total Variable Costs			_	\$849.97	\$103,696.84
FIXED COSTS Quantity Units \$/Unit Total Total	Planned Returns Above Variable Costs:				\$1,175.03	\$143,353.16
Machinery Depreciation	Breakeven Price to Cover Variable Costs			\$113.33 To	on	
Machinery Depreciation Pickup/General Use Equipment 1 Acre \$6.03 \$6.03 \$735.75 Irrigation Equipment 1 Acre \$45.01 \$45.01 \$5,491.76 Tractors/Self-Propelled 1 Acre \$91.24 \$91.24 \$11,130.88 Implements 1 Acre \$7.37 \$7.37 \$899.12 Equipment Investment Pickup/General Use Equipment \$25.13 Dollars 8.00% \$2.01 \$245.25 Irrigation Equipment \$337.61 Dollars 8.00% \$2.01 \$3,295.06 Tractors/Self-Propelled \$678.76 Dollars 8.00% \$27.01 \$3,295.06 Tractors/Self-Propelled \$678.76 Dollars 8.00% \$27.01 \$3,295.06 Allocated Establishment Cost 1 Acre \$117.83 \$117.83 \$14,375.57 Trans Pecos Irrigated Land 1 Acre \$50.00 \$50.00 \$6,100.00 Total Specified Costs \$1,255.05 \$153,115.79 Returns Above Specified Costs \$\$769.95 \$93						Enterprise
Pickup/General Use Equipment		Quantity	Units	\$/Unit	Total	Total
Irrigation Equipment 1 Acre \$45.01 \$45.01 \$5,491.76	, .					
Tractors/Self-Propelled						
Implements						
Equipment Investment Pickup/General Use Equipment \$25.13 Dollars 8.00% \$2.01 \$245.25 Irrigation Equipment \$337.61 Dollars 8.00% \$27.01 \$3,295.06 Tractors/Self-Propelled \$678.76 Dollars 8.00% \$54.30 \$6,624.72 Implements \$53.37 Dollars 8.00% \$4.27 \$520.85 Allocated Establishment Cost 1 Acre \$117.83 \$11,783 \$14,375.57 Trans Pecos Irrigated Land 1 Acre \$50.00 \$50.00 \$6,100.00 Total Fixed Costs \$405.07 \$49,418.95 Total Specified Costs \$1,255.05 \$153,115.79 Returns Above Specified Costs \$769.95 \$93,934.21	•					
Pickup/General Use Equipment Irrigation Equipment \$25.13 Dollars 8.00% \$2.01 \$245.25 Irrigation Equipment Tractors/Self-Propelled Implements \$678.76 Dollars 8.00% \$27.01 \$3,295.06 Allocated Establishment Cost Trans Pecos Irrigated Land 1 Acre Acre Acre Acre Acre Acre Acre Acre	•	1	Acre	\$7.37	\$7.37	\$899.12
Irrigation Equipment \$337.61 Dollars 8.00% \$27.01 \$3,295.06	• •	#05.40	D. II.	0.000/	#0.04	#0.4E.0E
Tractors/Self-Propelled \$678.76 Dollars 8.00% \$54.30 \$6,624.72 Implements \$53.37 Dollars 8.00% \$4.27 \$520.85 Allocated Establishment Cost 1 Acre \$117.83 \$117.83 \$117.83 \$14,375.57 Trans Pecos Irrigated Land 1 Acre \$50.00 \$50.00 \$6,100.00 Total Fixed Costs \$405.07 \$49,418.95 Total Specified Costs \$1,255.05 \$153,115.79 \$11,255.05 \$153,115.79 \$11,255.05 \$13,415.79 \$11,255.05						
Implements						
Allocated Establishment Cost Trans Pecos Irrigated Land 1 Acre \$50.00 \$50.00 \$6,100.00 \$6,100.00 \$10	•					
Trans Pecos Irrigated Land 1 Acre \$50.00 \$50.00 \$6,100.00 Total Fixed Costs \$405.07 \$49,418.95 Total Specified Costs \$1,255.05 \$153,115.79 Returns Above Specified Costs \$769.95 \$93,934.21						
Total Fixed Costs \$405.07 \$49,418.95 Total Specified Costs \$1,255.05 \$153,115.79 Returns Above Specified Costs \$769.95 \$93,934.21						
Total Specified Costs \$1,255.05 \$153,115.79 Returns Above Specified Costs \$769.95 \$93,934.21	<u> </u>		, .510			
Returns Above Specified Costs \$769.95 \$93,934.21				_		
	Total Opcomed Godia			_	Ψ1,200.00	ψ100,110.78
Breakeven Price to Cover Total Costs \$167.34 Ton	Returns Above Specified Costs				\$769.95	\$93,934.21
	Breakeven Price to Cover Total Costs			\$167.34 To	on	

		Examp	Example Breakeven Prices		
Example	Example	To Cover	To Cover		
Yield	Yield	Variable	Total		
Percent	Ton	Costs	Costs		
75%	5.63	\$151.11	\$223.12		
90%	6.75	\$125.92	\$185.93		
100%	7.50	\$113.33	\$167.34		
110%	8.25	\$103.03	\$152.13		
125%	9.38	\$90.66	\$133.87		

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.