

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2025 Estimated Costs and Returns per Acre
Alfalfa, Full Season, Baled - 7.5 Ton Goal, Flood Irrigated
Far West Extension District - 6

Crop Acres	122					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Alfalfa Hay - 3X4	7.50	Ton	\$270.00	\$2,025.00	\$247,050.00	
Total Revenue				\$2,025.00	\$247,050.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						Total
Custom						
Soil Test	0.5	Each	\$5.00	\$2.50	\$305.00	
Custom Apply Fertilizer	1	Acre	\$6.39	\$6.39	\$779.58	
Fertilizer						
Fertilizer 11-52-0	73	Pound	\$0.63	\$45.99	\$5,610.78	
Herbicide						
Trifluralin	2	Pint	\$2.75	\$5.50	\$671.00	
Pursuit	5	Ounce	\$3.35	\$16.73	\$2,040.64	
Crop Oil Concentrate	5	Pint	\$2.18	\$10.88	\$1,326.75	
Insecticide						
Warrior Z	7.04	Ounce	\$1.25	\$8.80	\$1,073.60	
Intrepid	2.31	Ounce	\$2.04	\$4.71	\$574.65	
Irrigation						
Energy Cost	40.76	Mcf	\$10.00	\$407.60	\$49,727.20	
Irrigation Labor	0.91	Hour	\$17.50	\$15.84	\$1,932.18	
Machinery Labor						
Tractors/Self-Propelled	7.82	Hour	\$17.21	\$134.58	\$16,419.03	
Diesel Fuel						
Tractors/Self-Propelled	37.28	Gallon	\$2.80	\$104.38	\$12,734.85	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$8.68	\$8.68	\$1,059.48	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$1.61	\$1.61	\$196.20	
Irrigation Equipment	1	Acre	\$18.98	\$18.98	\$2,315.30	
Tractors/Self-Propelled	1	Acre	\$67.63	\$67.63	\$8,250.45	
Implements	1	Acre	\$3.04	\$3.04	\$370.37	
Interest on Credit Line			8.00%	\$23.02	\$2,807.93	
Total Variable Costs				\$886.84	\$108,194.98	
Planned Returns Above Variable Costs:				\$1,138.16	\$138,855.02	
Breakeven Price to Cover Variable Costs			\$118.25	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$6.03	\$6.03	\$735.75	
Irrigation Equipment	1	Acre	\$24.82	\$24.82	\$3,028.33	
Tractors/Self-Propelled	1	Acre	\$89.84	\$89.84	\$10,960.75	
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	\$186.17	Dollars	8.00%	\$14.89	\$1,817.00	
Tractors/Self-Propelled	\$668.40	Dollars	8.00%	\$53.47	\$6,523.62	
Implements	\$53.37	Dollars	8.00%	\$4.27	\$520.85	
Allocated Establishment Cost	1	Acre	\$109.50	\$109.50	\$13,359.00	
Trans Pecos Irrigated Land	1	Acre	\$50.00	\$50.00	\$6,100.00	
Total Fixed Costs				\$362.21	\$44,189.67	
Total Specified Costs				\$1,249.05	\$152,384.65	
Returns Above Specified Costs				\$775.95	\$94,665.35	
Breakeven Price to Cover Total Costs			\$166.54	Ton		

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Ton	Costs	Costs
75%	5.63	\$157.66	\$222.05
90%	6.75	\$131.38	\$185.05
100%	7.50	\$118.25	\$166.54
110%	8.25	\$107.50	\$151.40
125%	9.38	\$94.60	\$133.23

Developed by Extension Agricultural Economists, Texas A&M AgriLife Extension, 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.