

**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, Center Pivot Irrigated**  
**Far West Extension District - 6**

Crop Acres		122				
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise 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	Enterprise Total	
Production Costs						
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	50.22	Mcf	\$10.00	\$502.20	\$61,268.40	
Irrigation Labor	0.29	Hour	\$17.50	\$5.05	\$616.59	
Machinery Labor						
Tractors/Self-Propelled	7.84	Hour	\$17.21	\$134.93	\$16,461.02	
Diesel Fuel						
Tractors/Self-Propelled	37.51	Gallon	\$2.80	\$105.03	\$12,813.42	
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	\$132.34	\$132.34	\$16,146.06	
Tractors/Self-Propelled	1	Acre	\$67.93	\$67.93	\$8,286.91	
Implements	1	Acre	\$3.04	\$3.04	\$370.37	
Interest on Credit Line			8.00%	\$28.07	\$3,424.60	
Total Variable Costs				\$1,090.37	\$133,025.04	
Planned Returns Above Variable Costs:				\$934.63	\$114,024.96	
Breakeven Price to Cover Variable Costs			\$145.38	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
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%	\$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	\$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				\$1,495.44	\$182,443.99	
Returns Above Specified Costs				\$529.56	\$64,606.01	
Breakeven Price to Cover Total Costs			\$199.39	Ton		

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Ton	Costs	Costs
75%	5.63	\$193.84	\$265.86
90%	6.75	\$161.54	\$221.55
100%	7.50	\$145.38	\$199.39
110%	8.25	\$132.17	\$181.27
125%	9.38	\$116.31	\$159.51

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.**