

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, Dell City
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						
Fertilizer						
Custom	Fertilizer 11-52-0	73	Pound	\$0.63	\$45.99	\$5,610.78
Herbicide						
	Soil Test	0.5	Each	\$5.00	\$2.50	\$305.00
	Custom Apply Fertilizer	1	Acre	\$6.39	\$6.39	\$779.58
Insecticide						
	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
Irrigation						
	Warrior Z	7.04	Ounce	\$1.25	\$8.80	\$1,073.60
	Intrepid	2.31	Ounce	\$2.04	\$4.71	\$574.65
Machinery Labor						
	Energy Cost	21.52	Mcf	\$10.00	\$215.20	\$26,254.40
	Irrigation Labor	0.30	Hour	\$17.50	\$5.23	\$637.94
Diesel Fuel						
	Tractors/Self-Propelled	7.82	Hour	\$17.21	\$134.58	\$16,419.03
Gasoline						
	Tractors/Self-Propelled	37.28	Gallon	\$2.80	\$104.38	\$12,734.85
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$8.68	\$8.68	\$1,059.48
	Pickup/General Use Equipment	1	Acre	\$1.61	\$1.61	\$196.20
	Irrigation Equipment	1	Acre	\$28.48	\$28.48	\$3,474.24
	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%	\$18.52	\$2,259.00
Total Variable Costs					\$688.84	\$84,037.96
Planned Returns Above Variable Costs:					\$1,336.16	\$163,012.04
Breakeven Price to Cover Variable Costs				\$91.84	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	\$37.28	\$37.28	\$4,548.34
	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	\$279.61	Dollars	8.00%	\$22.37	\$2,729.00
	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					\$382.14	\$46,621.67
Total Specified Costs					\$1,070.98	\$130,659.63
Returns Above Specified Costs					\$954.02	\$116,390.37
Breakeven Price to Cover Total Costs				\$142.80	Ton	

Example Breakeven Prices			
Example	Example	To Cover	To Cover
Yield	Yield	Variable	Total
Percent	Ton	Costs	Costs
75%	5.63	\$122.46	\$190.40
90%	6.75	\$102.05	\$158.66
100%	7.50	\$91.84	\$142.80
110%	8.25	\$83.50	\$129.82
125%	9.38	\$73.48	\$114.24

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.