

Projections for Planning Purposes Only -- Not to be Used without Updating
2025 Estimated Costs and Returns per Acre
Alfalfa, RoundUp Ready, Full Season, Baled - 6.5 ton, Center Pivot Irrigated
West Central Extension District - 7

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Total
Alfalfa Hay - Baled 3X4	6.50	Ton	\$270.00	\$1,755.00	\$214,110.00	\$214,110.00
Total Revenue				\$1,755.00	\$214,110.00	\$214,110.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Custom						
Soil Test-Irrigated	1	Each	\$0.50	\$0.50	\$61.00	
Apply Dry Fertilizer	1	Acre	\$6.39	\$6.39	\$779.58	
Swath, Rake and Bale	9.24	Bale	\$29.58	\$273.32	\$33,344.94	
Fertilizer						
Phos (11-52-0 DRY MAT)	73	Pounds	\$1.29	\$94.17	\$11,488.74	
Herbicide						
Trifluralin	2	Pint	\$2.75	\$5.50	\$671.00	
Glyphosate	110	Ounce	\$0.13	\$14.61	\$1,782.34	
Insecticide						
Intrepid	2.3	Ounce	\$2.04	\$4.69	\$572.16	
Mustang Max(Warrior Z)	7.04	Ounce	\$1.25	\$8.80	\$1,073.60	
Irrigation						
Energy Cost	36.00	AcreInch	\$11.17	\$402.02	\$49,046.53	
Irrigation Labor	0.80	Hour	\$17.50	\$14.00	\$1,708.00	
Machinery Labor						
Tractors/Self-Propelled	2.8	Hour	\$17.21	\$48.19	\$5,878.94	
Other Labor	0.03	Hour	\$17.21	\$0.52	\$62.99	
Diesel Fuel						
Tractors/Self-Propelled	21.82	Gallon	\$2.80	\$61.10	\$7,453.71	
Gasoline						
Pickup/General Use Equipment	1	Acre	\$6.44	\$6.44	\$785.16	
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$2.69	\$2.69	\$328.50	
Irrigation Equipment	1	Acre	\$94.87	\$94.87	\$11,574.24	
Tractors/Self-Propelled	1	Acre	\$56.68	\$56.68	\$6,914.61	
Implements	1	Acre	\$0.54	\$0.54	\$65.85	
Interest on Credit Line			8.00%	\$25.42	\$3,101.12	
Total Variable Costs				\$1,120.43	\$136,693.01	
Planned Returns Above Variable Costs:				\$634.57	\$77,416.99	
Breakeven Price to Cover Variable Costs			\$172.37	Ton		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$5.71	\$5.71	\$696.60	
Irrigation Equipment	1	Acre	\$60.11	\$60.11	\$7,333.33	
Tractors/Self-Propelled	1	Acre	\$62.40	\$62.40	\$7,612.45	
Implements	1	Acre	\$1.21	\$1.21	\$148.15	
Equipment Investment						
Pickup/General Use Equipment	\$31.65	Dollars	8.00%	\$2.53	\$308.88	
Irrigation Equipment	\$450.82	Dollars	8.00%	\$36.07	\$4,400.00	
Tractors/Self-Propelled	\$484.31	Dollars	8.00%	\$38.75	\$4,726.90	
Implements	\$7.42	Dollars	8.00%	\$0.59	\$72.43	
Allocated Establishment Cost	1	Acre	\$100.20	\$100.20	\$12,224.89	
Rent-Irrigated Crop	1	Acre	\$70.00	\$70.00	\$8,540.00	
Total Fixed Costs				\$377.57	\$46,063.64	
Total Specified Costs				\$1,498.01	\$182,756.65	
Returns Above Specified Costs				\$256.99	\$31,353.35	
Breakeven Price to Cover Total Costs			\$230.46	Ton		

Example Breakeven Prices			
Example Yield Percent	Example Yield Ton	To Cover Variable Costs	To Cover Total Costs
75%	4.88	\$229.83	\$307.28
90%	5.85	\$191.53	\$256.07
100%	6.50	\$172.37	\$230.46
110%	7.15	\$156.70	\$209.51
125%	8.13	\$137.90	\$184.37

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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.