

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2024 Estimated Costs and Returns per Acre**  
**Alfalfa, Roundup Ready, Establishment, Center Pivot Irrigated**  
**West Central Extension District - 7**

Crop Acres		122						
REVENUE				Quantity	Units	\$/Unit	Total	Enterprise Total
Total Revenue							\$0.00	\$0.00
VARIABLE COSTS				Quantity	Units	\$/Unit	Total	Enterprise Total
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
Fertilizer								
	Phos (11-52-0 DRY MAT)	150	Pounds	\$1.29			\$193.50	\$23,607.00
Herbicide								
	Glyphosate	22	Ounce	\$0.13			\$2.92	\$356.47
Seed								
	R.R. Alfalfa	25	pounds	\$8.50			\$212.50	\$25,925.00
Irrigation								
	Energy Cost	4.00	AcreInch	\$8.93			\$35.74	\$4,359.69
	Irrigation Labor	0.30	Hour	\$17.50			\$5.25	\$640.50
Machinery Labor								
	Tractors/Self-Propelled	0.2	Hour	\$17.21			\$3.44	\$419.92
Diesel Fuel								
	Tractors/Self-Propelled	1.7	Gallon	\$3.60			\$6.12	\$746.64
Gasoline								
	Pickup/General Use Equipment	1	Acre	\$2.29			\$2.29	\$279.00
Repairs & Maintenance								
	Pickup/General Use Equipment	1	Acre	\$0.74			\$0.74	\$90.30
	Irrigation Equipment	1	Acre	\$10.54			\$10.54	\$1,286.03
	Tractors/Self-Propelled	1	Acre	\$4.81			\$4.81	\$586.33
	Implements	1	Acre	\$4.97			\$4.97	\$605.88
	Interest on Credit Line			8.00%			\$8.12	\$990.58
Total Variable Costs							\$497.82	\$60,733.92
Planned Returns Above Variable Costs:							(\$497.82)	(\$60,733.92)
Breakeven Price to Cover Variable Costs						n/a		
FIXED COSTS				Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation								
	Pickup/General Use Equipment	1	Acre	\$1.55			\$1.55	\$189.00
	Irrigation Equipment	1	Acre	\$15.03			\$15.03	\$1,833.33
	Tractors/Self-Propelled	1	Acre	\$5.43			\$5.43	\$661.98
	Implements	1	Acre	\$6.22			\$6.22	\$758.42
Equipment Investment								
	Pickup/General Use Equipment	\$9.47	Dollars	8.00%			\$0.76	\$92.40
	Irrigation Equipment	\$112.70	Dollars	8.00%			\$9.02	\$1,100.00
	Tractors/Self-Propelled	\$42.06	Dollars	8.00%			\$3.36	\$410.48
	Implements	\$26.59	Dollars	8.00%			\$2.13	\$259.55
	Rent-Irrigated Crop	1	Acre	\$70.00			\$70.00	\$8,540.00
Total Fixed Costs							\$113.48	\$13,845.16
Total Specified Costs							\$611.30	\$74,579.08
Returns Above Specified Costs							(\$611.30)	(\$74,579.08)
Breakeven Price to Cover Total Costs						n/a		

Example Breakeven Prices			
Example Yield Percent	Example Yield	To Cover Variable Costs	To Cover Total Costs
75%	0.00	\$0.00	\$0.00
90%	0.00	\$0.00	\$0.00
100%	0.00	\$0.00	\$0.00
110%	0.00	\$0.00	\$0.00
125%	0.00	\$0.00	\$0.00

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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.**