

**Projections for Planning Purposes Only -- *Not to be Used without Updating***  
**2021 Estimated Costs and Returns per Acre**  
**Alfalfa Establishment, Center Pivot Irrigated**  
**Far West Extension District - 6**

Crop Acres		122			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Total Revenue				\$0.00	\$0.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Production Costs</b>					
Custom					
Fertilizer	1	Acre	\$6.00	\$6.00	\$732.00
Herbicide	38	Pound	\$0.45	\$17.17	\$2,095.01
Seed	2	Pint	\$2.13	\$4.25	\$518.50
Irrigation	32	Pound	\$8.50	\$272.00	\$33,184.00
Machinery Labor	3.04	AcreInch	\$5.61	\$17.05	\$2,080.64
Diesel Fuel	0.02	Hour	\$15.00	\$0.26	\$32.21
Gasoline	0.4	Hour	\$15.00	\$6.00	\$732.00
Repairs & Maintenance	3.91	Gallon	\$1.50	\$5.87	\$715.53
Interest on Credit Line	1	Acre	\$2.89	\$2.89	\$353.16
	1	Acre	\$0.80	\$0.80	\$98.10
	1	Acre	\$8.01	\$8.01	\$977.38
	1	Acre	\$10.00	\$10.00	\$1,219.94
	1	Acre	\$12.50	\$12.50	\$1,524.95
			4.55%	\$5.63	\$686.76
<b>Total Variable Costs</b>				<b>\$368.44</b>	<b>\$44,950.18</b>
<b>Planned Returns Above Variable Costs:</b>				<b>(\$368.44)</b>	<b>(\$44,950.18)</b>
<b>Breakeven Price to Cover Variable Costs</b>			n/a		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
<b>Machinery Depreciation</b>					
Pickup/General Use Equipment	1	Acre	\$3.02	\$3.02	\$367.88
Irrigation Equipment	1	Acre	\$45.01	\$45.01	\$5,491.76
Tractors/Self-Propelled	1	Acre	\$11.42	\$11.42	\$1,393.06
Implements	1	Acre	\$15.64	\$15.64	\$1,908.68
<b>Equipment Investment</b>					
Pickup/General Use Equipment	\$12.56	Dollars	5.50%	\$0.69	\$84.30
Irrigation Equipment	\$337.61	Dollars	5.50%	\$18.57	\$2,265.35
Tractors/Self-Propelled	\$88.45	Dollars	5.50%	\$4.86	\$593.50
Implements	\$66.93	Dollars	5.50%	\$3.68	\$449.07
<b>Total Fixed Costs</b>				<b>\$102.90</b>	<b>\$12,553.60</b>
<b>Total Specified Costs</b>				<b>\$471.34</b>	<b>\$57,503.77</b>
<b>Returns Above Specified Costs</b>				<b>(\$471.34)</b>	<b>(\$57,503.77)</b>
<b>Breakeven Price to Cover Total Costs</b>			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

Developed by Bill Thompson, Assistant Professor and Extension Economist, Texas A&M AgriLife Extension Service, 325-653-4576.

**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.**