

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 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
Production Costs					
Fertilizer					
Fertilizer 11-52-0	38	Pound	\$0.29	\$10.83	\$1,321.26
Custom					
Custom Apply Fertilizer	1	Acre	\$4.00	\$4.00	\$488.00
Seed					
Alfalfa Seed Inoculated RR	32	Pound	\$7.00	\$224.00	\$27,328.00
Herbicide					
Glyphosate	2	Pint	\$2.04	\$4.08	\$497.15
Irrigation					
Energy Cost	3.04	Mcf	\$4.00	\$12.16	\$1,483.52
Irrigation Labor	0.02	Hour	\$11.00	\$0.19	\$23.62
Machinery Labor					
Tractors/Self-Propelled	0.4	Hour	\$12.00	\$4.80	\$585.60
Diesel Fuel					
Tractors/Self-Propelled	3.91	Gallon	\$2.99	\$11.69	\$1,426.29
Gasoline					
Pickup/General Use Equipment	1	Acre	\$4.65	\$4.65	\$567.02
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$0.80	\$0.80	\$98.10
Irrigation Equipment	1	Acre	\$8.01	\$8.01	\$977.38
Tractors/Self-Propelled	1	Acre	\$9.02	\$9.02	\$1,099.97
Implements	1	Acre	\$11.65	\$11.65	\$1,421.45
Interest on Credit Line			6.50%	\$6.83	\$832.71
Total Variable Costs				\$312.71	\$38,150.07
Planned Returns Above Variable Costs:				(\$312.71)	(\$38,150.07)
Breakeven Price to Cover Variable Costs			n/a		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
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	\$10.20	\$10.20	\$1,244.74
Implements	1	Acre	\$14.64	\$14.64	\$1,786.28
Equipment Investment					
Pickup/General Use Equipment	\$12.56	Dollars	6.50%	\$0.82	\$99.63
Irrigation Equipment	\$337.61	Dollars	6.50%	\$21.94	\$2,677.23
Tractors/Self-Propelled	\$79.07	Dollars	6.50%	\$5.14	\$627.04
Implements	\$62.63	Dollars	6.50%	\$4.07	\$496.69
Total Fixed Costs				\$104.85	\$12,791.25
Total Specified Costs				\$417.55	\$50,941.32
Returns Above Specified Costs				(\$417.55)	(\$50,941.32)
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

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 830-278-9151.

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.