

Projections for Planning Purposes Only -- *Not to be Used without Updating*
2019 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	\$5.50	\$5.50	\$671.00
Fertilizer					
Phos (11-52-0 DRY MAT)	150	Pounds	\$0.55	\$82.50	\$10,065.00
Herbicide					
Glyphosate	22	Ounce	\$0.13	\$2.80	\$341.67
Seed					
R.R. Alfalfa	25	pounds	\$9.00	\$225.00	\$27,450.00
Irrigation					
Energy Cost	4.00	AcreInch	\$8.57	\$34.30	\$4,184.53
Irrigation Labor	0.30	Hour	\$12.00	\$3.60	\$439.20
Machinery Labor					
Tractors/Self-Propelled	0.45	Hour	\$12.00	\$5.40	\$658.80
Diesel Fuel					
Tractors/Self-Propelled	3.91	Gallon	\$2.60	\$10.17	\$1,240.25
Gasoline					
Pickup/General Use Equipment	1	Acre	\$1.92	\$1.92	\$234.00
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	\$9.31	\$9.31	\$1,135.71
Implements	1	Acre	\$11.96	\$11.96	\$1,458.86
Interest on Credit Line			6.00%	\$4.77	\$581.44
Total Variable Costs				\$409.00	\$49,897.79
Planned Returns Above Variable Costs:				(\$409.00)	(\$49,897.79)
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	\$10.51	\$10.51	\$1,281.67
Implements	1	Acre	\$15.08	\$15.08	\$1,839.67
Equipment Investment					
Pickup/General Use Equipment	\$9.47	Dollars	6.00%	\$0.57	\$69.30
Irrigation Equipment	\$112.70	Dollars	6.00%	\$6.76	\$825.00
Tractors/Self-Propelled	\$81.43	Dollars	6.00%	\$4.89	\$596.06
Implements	\$64.51	Dollars	6.00%	\$3.87	\$472.18
Rent-Irrigated Crop	1	Acre	\$70.00	\$70.00	\$8,540.00
Total Fixed Costs				\$128.25	\$15,646.22
Total Specified Costs				\$537.25	\$65,544.01
Returns Above Specified Costs				(\$537.25)	(\$65,544.01)
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 Bill Thompson, Associate 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.