

Projections for Planning Purposes Only -- Not to be Used without Updating
2013 Estimated Costs and Returns per Acre
Irrigated Sesame - 100 Acres
Southwest Extension District - 10

Crop Acres		100		Enterprise		
REVENUE	Quantity	Units	\$/Unit	Total	Total	
Sesame Seed	10.00	CWT	\$42.00	\$420.00	\$42,000.00	
Quality Premium	10.00	CWT	\$2.00	\$20.00	\$2,000.00	
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00	
Total Revenue				\$440.00	\$44,000.00	
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Production Costs						
Seed						
Seed Sesame	2.5	Pounds	\$3.25	\$8.13	\$812.50	
Crop Insurance						
CAT Insurance	1	Acre	\$2.00	\$2.00	\$200.00	
Fertilizer						
Nitrogen N32	50	Pounds	\$0.60	\$29.88	\$2,988.28	
Phosphate	35	Pounds	\$0.47	\$16.53	\$1,653.18	
Miscellaneous Administrative Overhead						
Misc. Overhead	1	Acre	\$1.20	\$1.20	\$120.00	
Miscellaneous						
Item	0	Acre	\$0.00	\$0.00	\$0.00	
Herbicide						
Select Max	0.1	Gallon	\$100.00	\$10.00	\$1,000.00	
Custom						
Custom Harvest Sesame	1	Acre	\$25.00	\$25.00	\$2,500.00	
Irrigation						
Irrigation Costs	10	Acre-Inch	\$7.00	\$70.00	\$7,000.00	
Operator Labor						
Tractors	0.78105	Hour	\$0.00	\$0.00	\$0.00	
Irrigation Labor						
Labor	0.3	Hour	\$0.00	\$0.00	\$0.00	
Diesel Fuel						
Tractors	4.28037	Gallon	\$3.30	\$14.13	\$1,412.52	
Gasoline						
Pickup	1.0022	Gallon	\$3.20	\$3.21	\$320.70	
Repairs & Maintenance						
Tractors	1	Acre	\$7.85	\$7.85	\$784.98	
Implements	1	Acre	\$3.42	\$3.42	\$341.71	
Pickup	1	Acre	\$1.10	\$1.10	\$110.50	
Irrigation	1	Acre	\$3.40	\$3.40	\$340.00	
Interest on Credit Line			6.50%	\$4.47	\$447.43	
Total Variable Costs				\$200.32	\$19,019.32	
Planned Returns Above Variable Costs:				\$239.68	\$24,980.68	
Breakeven Price to Cover Variable Costs			\$18.03	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total	
Machinery						
Tractors	1	Acre	\$13.69	\$13.69	\$1,369.07	
Implements	1	Acre	\$7.25	\$7.25	\$725.30	
Pickup	1	Acre	\$3.98	\$3.98	\$398.31	
Irrigation	1	Acre	\$7.65	\$7.65	\$765.00	
Land Rent	1	Acre	\$60.00	\$60.00	\$6,000.00	
Total Fixed Costs				\$92.58	\$9,257.68	
Total Specified Costs				\$292.90	\$28,277.00	
Returns Above Specified Costs				\$147.10	\$15,723.00	
Breakeven Price to Cover Total Costs			\$27.29	CWT		

Breakeven Prices						
Yield Percent	Yield CWT	Variable Costs		Total Costs		
		Full	Tenant	Full	Tenant	Landlord
75%	7.50	\$24.04	\$24.04	\$36.39	\$36.39	\$0.00
90%	9.00	\$20.04	\$20.04	\$30.32	\$30.32	\$0.00
100%	10.00	\$18.03	\$18.03	\$27.29	\$27.29	\$0.00
110%	11.00	\$16.39	\$16.39	\$24.81	\$24.81	\$0.00
125%	12.50	\$14.43	\$14.43	\$21.83	\$21.83	\$0.00

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation.