

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

Crop Acres		100			
REVENUE	Quantity	Units	\$/Unit	Total	Enterprise Total
Canataloupes	350.00	Carton	\$8.00	\$2,800.00	\$280,000.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00
Other Revenue	0.00	Acre	\$0.00	\$0.00	\$0.00
Total Revenue				\$2,800.00	\$280,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Seed					
Seed Cantaloupe	0.5	Pounds	\$100.00	\$50.00	\$5,000.00
Crop Insurance					
NAP Insurance	1	Acre	\$2.00	\$2.00	\$200.00
Fungicide					
Fungicide Canataloupe	3	Acre	\$11.55	\$34.65	\$3,465.00
Insecticide					
Insecticide Cantaloupe	1	Acre	\$7.87	\$7.87	\$787.00
Fertilizer					
Nitrogen Dry	50	Pounds	\$0.50	\$25.00	\$2,500.00
Phosphate	75	Pounds	\$0.65	\$48.75	\$4,875.00
Nitrogen Liquid	40	Pounds	\$0.50	\$20.00	\$2,000.00
Miscellaneous Administrative Overhead					
Misc. Overhead	1	Acre	\$4.00	\$4.00	\$400.00
Miscellaneous					
Hired Labor	6	Hour	\$10.00	\$60.00	\$6,000.00
Herbicide					
Herbicide Canataloupe	1	Acre	\$10.00	\$10.00	\$1,000.00
Custom					
Herbicide Application	1	Acre	\$4.50	\$4.50	\$450.00
Pesticide Application Vegetable	3	Acre	\$5.50	\$16.50	\$1,650.00
Consulting Fee Vegetable	1	Acre	\$12.00	\$12.00	\$1,200.00
Harvest/Pack/Market Canata	300	Cartons	\$4.25	\$1,275.00	\$127,500.00
Irrigation					
Irrigation Costs	10	Acre-Inch	\$7.00	\$70.00	\$7,000.00
Bee Hive					
Bee Hive Rent	1.5	Hive	\$22.00	\$33.00	\$3,300.00
Operator Labor					
Tractors	1.607	Hour	\$0.00	\$0.00	\$0.00
Irrigation Labor					
Labor	0.5	Hour	\$0.00	\$0.00	\$0.00
Diesel Fuel					
Tractors	8.68205	Gallon	\$3.30	\$28.65	\$2,865.08
Gasoline					
Pickup	0.91	Gallon	\$3.20	\$2.91	\$291.20
Repairs & Maintenance					
Tractors	1	Acre	\$14.82	\$14.82	\$1,481.89
Implements	1	Acre	\$9.51	\$9.51	\$950.52
Pickup	1	Acre	\$1.00	\$1.00	\$100.33
Irrigation	1	Acre	\$3.40	\$3.40	\$340.00
Interest on Credit Line			6.50%	\$6.46	\$645.83
Total Variable Costs				\$1,740.02	\$174,001.85
Planned Returns Above Variable Costs:				\$1,059.98	\$105,998.15
Breakeven Price to Cover Variable Costs			\$4.97	Carton	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery					
Tractors	1	Acre	\$27.04	\$27.04	\$2,703.99
Implements	1	Acre	\$19.92	\$19.92	\$1,991.73
Pickup	1	Acre	\$3.62	\$3.62	\$361.67
Irrigation	1	Acre	\$7.65	\$7.65	\$765.00
Land Rent	1	Acre	\$50.00	\$50.00	\$5,000.00
Total Fixed Costs				\$108.22	\$10,822.38
Total Specified Costs				\$1,848.24	\$184,824.23
Returns Above Specified Costs				\$951.76	\$95,175.77
Breakeven Price to Cover Total Costs			\$5.28	Carton	

Breakeven Prices

Yield Percent	Yield Carton	Variable Costs		Total Costs		
		Full	Tenant	Full	Tenant	Landlord
75%	262.50	\$6.63	\$6.63	\$7.04	\$7.04	\$0.00
90%	315.00	\$5.52	\$5.52	\$5.87	\$5.87	\$0.00
100%	350.00	\$4.97	\$4.97	\$5.28	\$5.28	\$0.00
110%	385.00	\$4.52	\$4.52	\$4.80	\$4.80	\$0.00
125%	437.50	\$3.98	\$3.98	\$4.22	\$4.22	\$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.