

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

Crop Acres		100				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total		Total
Fresh Spinach	400.00	Carton	\$14.00	\$5,600.00		\$560,000.00
Other Revenue	0.00	Acre	\$0.00	\$0.00		\$0.00
Other Revenue	0.00	Acre	\$0.00	\$0.00		\$0.00
Total Revenue				\$5,600.00		\$560,000.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total		Enterprise
Production Costs						
Seed						
Seed Spinach	600	Thousand	\$0.29	\$174.00		\$17,400.00
Crop Insurance						
NAP Insurance	1	Acre	\$2.00	\$2.00		\$200.00
Fungicide						
Ridomil	14	Ounce	\$5.50	\$77.00		\$7,700.00
Fungicide Spinach 1	1	Acre	\$44.00	\$44.00		\$4,400.00
Fungicide Spinach	2	Acre	\$25.30	\$50.60		\$5,060.00
Insecticide						
Insecticide Spinach	4	Acre	\$23.00	\$92.00		\$9,200.00
Insecticide Spinach 1	1	Acre	\$13.80	\$13.80		\$1,380.00
Fertilizer						
N - Spinach	250	Pounds	\$0.60	\$149.41		\$14,941.41
P - Spinach	132	Pounds	\$0.47	\$62.35		\$6,234.85
K - Spinach	40	Pounds	\$0.25	\$10.00		\$1,000.00
S - Spinach	22	Pounds	\$0.63	\$13.75		\$1,375.00
Mg - Spinach	2	Pounds	\$0.90	\$1.80		\$180.00
Miscellaneous Administrative Overhead						
Misc. Overhead	2	Acre	\$4.00	\$8.00		\$800.00
Herbicide						
Herbicide Spinach	1	Acre	\$15.00	\$15.00		\$1,500.00
Herbicide Spinach B	1	Acre	\$8.00	\$8.00		\$800.00
Custom						
Herbicide Application	2	Acre	\$4.50	\$9.00		\$900.00
Pesticide Application Vegetal	5	Acre	\$5.50	\$27.50		\$2,750.00
Fungicide Application Spinach	1	Acre	\$5.50	\$5.50		\$550.00
Fertilizer Application	3	Acre	\$5.75	\$17.25		\$1,725.00
Harvest/Pack/Market Spinach	400	Carton	\$6.65	\$2,660.00		\$266,000.00
Irrigation						
Irrigation Costs	16	Acre-Inch	\$7.00	\$112.00		\$11,200.00
Other Labor						
Labor	3.5	Hour	\$10.00	\$35.00		\$3,500.00
Operator Labor						
Tractors	1.583	Hour	\$0.00	\$0.00		\$0.00
Irrigation Labor						
Labor	0.8	Hour	\$0.00	\$0.00		\$0.00
Diesel Fuel						
Tractors	8.87511	Gallon	\$3.30	\$29.29		\$2,928.79
Gasoline						
Pickup	0.91	Gallon	\$3.20	\$2.91		\$291.20
Repairs & Maintenance						
Tractors	1	Acre	\$17.28	\$17.28		\$1,727.56
Implements	1	Acre	\$8.83	\$8.83		\$882.58
Pickup	1	Acre	\$1.00	\$1.00		\$100.33
Irrigation	1	Acre	\$3.40	\$3.40		\$340.00
Interest on Credit Line			6.50%	\$31.32		\$3,132.31
Total Variable Costs				\$3,681.99		\$368,199.02
Planned Returns Above Variable Costs:				\$1,918.01		\$191,800.98
Breakeven Price to Cover Variable Costs			\$9.20	Carton		
FIXED COSTS	Quantity	Units	\$/Unit	Total		Enterprise
Machinery						
Tractors	1	Acre	\$29.91	\$29.91		\$2,990.57
Implements	1	Acre	\$18.02	\$18.02		\$1,802.25
Pickup	1	Acre	\$3.62	\$3.62		\$361.67
Irrigation	1	Acre	\$7.65	\$7.65		\$765.00
Land Rent						
	1	Acre	\$72.00	\$72.00		\$7,200.00
Total Fixed Costs				\$131.19		\$13,119.48
Total Specified Costs				\$3,813.19		\$381,318.51
Returns Above Specified Costs				\$1,786.81		\$178,681.49
Breakeven Price to Cover Total Costs			\$9.53	Carton		

Breakeven Prices

Yield Percent	Yield Carton	Variable Costs		Total Costs		Landlord
		Full	Tenant	Full	Tenant	
75%	300.00	\$12.27	\$12.27	\$12.71	\$12.71	\$0.00
90%	360.00	\$10.23	\$10.23	\$10.59	\$10.59	\$0.00
100%	400.00	\$9.20	\$9.20	\$9.53	\$9.53	\$0.00
110%	440.00	\$8.37	\$8.37	\$8.67	\$8.67	\$0.00
125%	500.00	\$7.36	\$7.36	\$7.63	\$7.63	\$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.