

**2024 Estimated Costs and Returns per Acre
Fresh Market Spinach
Southwest Extension District - 10**

Crop Acres		122				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Fresh Spinach		400.00	Carton	\$16.35	\$6,540.00	\$797,880.00
Total Revenue					\$6,540.00	\$797,880.00
VARIABLE COSTS						Enterprise Total
Production Costs						
Fertilizer						
Fertilizer 18-46-0		260	Pound	\$0.35	\$91.00	\$11,102.00
Fertilizer 0-0-22 Kmag		90	Pound	\$0.25	\$22.50	\$2,745.00
UAN + Sulfur (28% N)		2.11	CWT	\$17.36	\$36.63	\$4,468.81
Mg, 4% Liquid		5.5	Gallon	\$21.70	\$119.35	\$14,560.70
N-32 in Water		469	Pound	\$0.17	\$78.79	\$9,612.62
Custom						
Custom Harvest Spinach		400	Carton	\$6.65	\$2,660.00	\$324,520.00
Seed						
Spinach Seed		600	Thousand	\$0.33	\$198.00	\$24,156.00
Miscellaneous						
Miscellaneous Spinach Overhead		2	Acre	\$4.00	\$8.00	\$976.00
Herbicide						
Dual Magnum		1	Pint	\$11.44	\$11.44	\$1,395.38
Insecticide						
Mustang Max		9	Ounce	\$1.44	\$12.94	\$1,578.38
Diazinon		2.5	Quart	\$12.38	\$30.94	\$3,774.38
Fungicides						
Ridomil Gold Bravo		2.5	Pint	\$14.94	\$37.34	\$4,555.94
Quadris		24	Ounce	\$1.69	\$40.50	\$4,941.00
Other Labor						
Hand Labor		3.5	Hour	\$8.50	\$29.75	\$3,629.50
Irrigation						
Energy Cost		1056.00	kWh	\$0.17	\$179.52	\$21,901.44
Irrigation Labor		0.13	Hour	\$17.50	\$2.24	\$273.28
Machinery Labor						
Tractors/Self-Propelled		1.05	Hour	\$17.21	\$18.07	\$2,204.60
Other Labor		0.04	Hour	\$17.21	\$0.69	\$83.98
Diesel Fuel						
Tractors/Self-Propelled		8.45	Gallon	\$3.60	\$30.42	\$3,711.24
Gasoline						
Pickup/General Use Equipment		1	Acre	\$49.80	\$49.80	\$6,075.73
Repairs & Maintenance						
Pickup/General Use Equipment		1	Acre	\$7.91	\$7.91	\$964.48
Irrigation Equipment		1	Acre	\$9.95	\$9.95	\$1,214.37
Tractors/Self-Propelled		1	Acre	\$22.16	\$22.16	\$2,703.97
Implements		1	Acre	\$15.90	\$15.90	\$1,939.38
Interest on Credit Line				8.00%	\$45.06	\$5,497.02
Total Variable Costs					\$3,758.90	\$458,585.21
Planned Returns Above Variable Costs:					\$2,781.10	\$339,294.79
Breakeven Price to Cover Variable Costs				\$9.40	Carton	
FIXED COSTS		Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation						
Pickup/General Use Equipment		1	Acre	\$41.18	\$41.18	\$5,023.35
Irrigation Equipment		1	Acre	\$80.58	\$80.58	\$9,831.25
Tractors/Self-Propelled		1	Acre	\$24.83	\$24.83	\$3,029.68
Implements		1	Acre	\$18.89	\$18.89	\$2,304.69
Equipment Investment						
Pickup/General Use Equipment		\$171.56	Dollars	8.00%	\$13.73	\$1,674.45
Irrigation Equipment		\$646.00	Dollars	8.00%	\$51.68	\$6,305.00
Tractors/Self-Propelled		\$192.51	Dollars	8.00%	\$15.40	\$1,878.93
Implements		\$82.18	Dollars	8.00%	\$6.57	\$802.04
Irrigated Winter Garden Rent		1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs					\$302.86	\$36,949.39
Total Specified Costs					\$4,061.76	\$495,534.60
Returns Above Specified Costs					\$2,478.24	\$302,345.40
Breakeven Price to Cover Total Costs				\$10.15	Carton	

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

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.