

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Tomato, Drip Irrigated
Panhandle Extension District - 1

Crop Acres	1					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Enterprise
Tomato	259.60	CWT	\$39.49	\$10,251.60	\$10,251.60	\$10,251.60
Total Revenue				\$10,251.60	\$10,251.60	\$10,251.60
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Production Costs						
Seed						
Transplants - Tomato	5796	Plants	\$0.18	\$1,043.28	\$1,043.28	\$1,043.28
Seed - Tomato	0	Bag	\$120.00	\$0.00	\$0.00	\$0.00
Fertilizer						
Fertilizer (N) - Dry	150	Pound	\$0.38	\$57.00	\$57.00	\$57.00
Fertilizer Application	1	Acre	\$5.12	\$5.12	\$5.12	\$5.12
Herbicide						
Metolachlor	1.33	Pint	\$5.00	\$6.65	\$6.65	\$6.65
Treflan	1.33	Pint	\$5.00	\$6.65	\$6.65	\$6.65
Herbicide Application	2	Acre	\$5.12	\$10.24	\$10.24	\$10.24
Insecticide						
Sevin Insecticide - Vegetables	0.17	Gallon	\$87.99	\$14.96	\$14.96	\$14.96
Insecticide Application	1	Acre	\$5.12	\$5.12	\$5.12	\$5.12
Miscellaneous						
Toro 15mil Drip Tape - 12" drip emitter spacing	2.2	Roll	\$150.00	\$330.00	\$330.00	\$330.00
Drip Tape Fittings	527	Unit	\$1.60	\$843.20	\$843.20	\$843.20
Tomato Trellis Twine, 7000ft	2.5	Roll	\$7.00	\$17.50	\$17.50	\$17.50
Unallocated Labor	9.7	Hour	\$13.03	\$126.39	\$126.39	\$126.39
Custom						
Harvest, Pack & Count Vegetables	259.6	CWT	\$10.00	\$2,596.00	\$2,596.00	\$2,596.00
Hand Weeding - Vegetables	220	Hour	\$8.50	\$1,870.00	\$1,870.00	\$1,870.00
Irrigation						
Energy Cost	11.00	AcreInch	\$3.40	\$37.40	\$37.40	\$37.40
Irrigation Labor	0.20	Hour	\$13.24	\$2.62	\$2.62	\$2.62
Machinery Labor						
Tractors/Self-Propelled	0.98	Hour	\$13.03	\$12.77	\$12.77	\$12.77
Other Labor	1.79	Hour	\$13.03	\$23.32	\$23.32	\$23.32
Diesel Fuel						
Tractors/Self-Propelled	2.19	Gallon	\$2.33	\$5.10	\$5.10	\$5.10
Gasoline						
Pickup/General Use Equipment	1	Acre	\$117.50	\$117.50	\$117.50	\$117.50
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$68.23	\$68.23	\$68.23	\$68.23
Irrigation Equipment	1	Acre	\$33.00	\$33.00	\$33.00	\$33.00
Tractors/Self-Propelled	1	Acre	\$3.56	\$3.56	\$3.56	\$3.56
Implements	1	Acre	\$1.32	\$1.32	\$1.32	\$1.32
Interest on Credit Line			6.04%	\$88.51	\$88.51	\$88.51
Total Variable Costs				\$7,325.45	\$7,325.45	\$7,325.45
Planned Returns Above Variable Costs:				\$2,926.16	\$2,926.16	\$2,926.16
Breakeven Price to Cover Variable Costs			\$28.22	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$503.56	\$503.56	\$503.56	\$503.56
Tractors/Self-Propelled	1	Acre	\$2.94	\$2.94	\$2.94	\$2.94
Implements	1	Acre	\$1.52	\$1.52	\$1.52	\$1.52
Equipment Investment						
Pickup/General Use Equipment	\$3,519.70	Dollars	6.32%	\$222.45	\$222.45	\$222.45
Tractors/Self-Propelled	\$22.92	Dollars	6.32%	\$1.45	\$1.45	\$1.45
Implements	\$7.83	Dollars	6.32%	\$0.49	\$0.49	\$0.49
Cash Rent - Irrigated	1	Acre	\$120.00	\$120.00	\$120.00	\$120.00
Total Fixed Costs				\$852.41	\$852.41	\$852.41
Total Specified Costs				\$8,177.86	\$8,177.86	\$8,177.86
Returns Above Specified Costs				\$2,073.75	\$2,073.75	\$2,073.75
Breakeven Price to Cover Total Costs			\$31.50	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	194.70	\$37.62	\$42.00
90%	233.64	\$31.35	\$35.00
100%	259.60	\$28.22	\$31.50
110%	285.56	\$25.65	\$28.64
125%	324.50	\$22.57	\$25.20

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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.