

Projections for Planning Purposes Only -- Not to be Used without Updating
2020 Estimated Costs and Returns per Acre
Tomato, Plastic Mulch, Drip Irrigated
Panhandle Extension District - 1

Crop Acres	1					Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Enterprise
Tomato	334.40	CWT	\$39.45	\$13,192.08	\$13,192.08	\$13,192.08
Total Revenue				\$13,192.08	\$13,192.08	\$13,192.08
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	\$0.39	\$58.43	\$58.43	\$58.43
Fertilizer Application	1	Acre	\$5.35	\$5.35	\$5.35	\$5.35
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	\$5.35	\$10.70	\$10.70	\$10.70
Insecticide						
Sevin Insecticide - Vegetables	0.17	Gallon	\$87.99	\$14.96	\$14.96	\$14.96
Insecticide Application	1	Acre	\$5.35	\$5.35	\$5.35	\$5.35
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
Black Plastic Mulch	2.2	Roll	\$177.00	\$389.40	\$389.40	\$389.40
Tomato Trellis Twine, 7000ft	2.5	Roll	\$7.00	\$17.50	\$17.50	\$17.50
Unallocated Labor	9.7	Hour	\$13.43	\$130.25	\$130.25	\$130.25
Custom						
Harvest, Pack & Count Vegetables	334.4	CWT	\$10.45	\$3,494.52	\$3,494.52	\$3,494.52
Hand Weeding - Vegetables	90	Hour	\$8.50	\$765.00	\$765.00	\$765.00
Irrigation						
Energy Cost	11.00	AcreInch	\$3.96	\$43.56	\$43.56	\$43.56
Irrigation Labor	0.20	Hour	\$13.65	\$2.70	\$2.70	\$2.70
Machinery Labor						
Tractors/Self-Propelled	0.98	Hour	\$13.43	\$13.16	\$13.16	\$13.16
Other Labor	1.79	Hour	\$13.43	\$24.04	\$24.04	\$24.04
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	\$3.77	\$3.77	\$3.77	\$3.77
Implements	1	Acre	\$1.18	\$1.18	\$1.18	\$1.18
Interest on Credit Line			6.25%	\$88.90	\$88.90	\$88.90
Total Variable Costs				\$7,522.39	\$7,522.39	\$7,522.39
Planned Returns Above Variable Costs:				\$5,669.69	\$5,669.69	\$5,669.69
Breakeven Price to Cover Variable Costs			\$22.50	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	\$3.11	\$3.11	\$3.11	\$3.11
Implements	1	Acre	\$1.34	\$1.34	\$1.34	\$1.34
Equipment Investment						
Pickup/General Use Equipment	\$3,519.70	Dollars	6.25%	\$219.98	\$219.98	\$219.98
Tractors/Self-Propelled	\$24.25	Dollars	6.25%	\$1.52	\$1.52	\$1.52
Implements	\$6.28	Dollars	6.25%	\$0.39	\$0.39	\$0.39
Cash Rent - Irrigated	1	Acre	\$100.00	\$100.00	\$100.00	\$100.00
Total Fixed Costs				\$829.90	\$829.90	\$829.90
Total Specified Costs				\$8,352.30	\$8,352.30	\$8,352.30
Returns Above Specified Costs				\$4,839.78	\$4,839.78	\$4,839.78
Breakeven Price to Cover Total Costs			\$24.98	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	250.80	\$29.99	\$33.30
90%	300.96	\$24.99	\$27.75
100%	334.40	\$22.50	\$24.98
110%	367.84	\$20.45	\$22.71
125%	418.00	\$18.00	\$19.98

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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.