

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2019 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	\$39.49	\$13,205.46	\$13,205.46	\$13,205.46
<b>Total Revenue</b>				<b>\$13,205.46</b>	<b>\$13,205.46</b>	<b>\$13,205.46</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
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
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	\$13.03	\$126.39	\$126.39	\$126.39
Custom						
Harvest, Pack & Count Vegetables	334.4	CWT	\$10.00	\$3,344.00	\$3,344.00	\$3,344.00
Hand Weeding - Vegetables	90	Hour	\$8.50	\$765.00	\$765.00	\$765.00
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%	\$85.43	\$85.43	\$85.43
<b>Total Variable Costs</b>				<b>\$7,354.76</b>	<b>\$7,354.76</b>	<b>\$7,354.76</b>
Planned Returns Above Variable Costs:				\$5,850.69	\$5,850.69	\$5,850.69
Breakeven Price to Cover Variable Costs			\$21.99	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Machinery Depreciation</b>						
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
<b>Equipment Investment</b>						
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
<b>Total Fixed Costs</b>				<b>\$852.41</b>	<b>\$852.41</b>	<b>\$852.41</b>
<b>Total Specified Costs</b>				<b>\$8,207.17</b>	<b>\$8,207.17</b>	<b>\$8,207.17</b>
Returns Above Specified Costs				\$4,998.28	\$4,998.28	\$4,998.28
<b>Breakeven Price to Cover Total Costs</b>			<b>\$24.54</b>	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	250.80	\$29.33	\$32.72
90%	300.96	\$24.44	\$27.27
100%	334.40	\$21.99	\$24.54
110%	367.84	\$19.99	\$22.31
125%	418.00	\$17.60	\$19.63

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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.**