

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2020 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	\$39.45	\$10,241.22	\$10,241.22	\$10,241.22
<b>Total Revenue</b>				<b>\$10,241.22</b>	<b>\$10,241.22</b>	<b>\$10,241.22</b>
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise
<b>Production Costs</b>						
<b>Seed</b>						
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
<b>Fertilizer</b>						
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
<b>Herbicide</b>						
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
<b>Insecticide</b>						
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
<b>Miscellaneous</b>						
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	\$13.43	\$130.25	\$130.25	\$130.25
<b>Custom</b>						
Harvest, Pack & Count Vegetables	259.6	CWT	\$10.45	\$2,712.85	\$2,712.85	\$2,712.85
Hand Weeding - Vegetables	220	Hour	\$8.50	\$1,870.00	\$1,870.00	\$1,870.00
<b>Irrigation</b>						
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
<b>Machinery Labor</b>						
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
<b>Diesel Fuel</b>						
Tractors/Self-Propelled	2.19	Gallon	\$2.33	\$5.10	\$5.10	\$5.10
<b>Gasoline</b>						
Pickup/General Use Equipment	1	Acre	\$117.50	\$117.50	\$117.50	\$117.50
<b>Repairs &amp; Maintenance</b>						
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
<b>Interest on Credit Line</b>			6.25%	\$92.04	\$92.04	\$92.04
<b>Total Variable Costs</b>				<b>\$7,459.45</b>	<b>\$7,459.45</b>	<b>\$7,459.45</b>
Planned Returns Above Variable Costs:				\$2,781.77	\$2,781.77	\$2,781.77
Breakeven Price to Cover Variable Costs			\$28.73	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	\$3.11	\$3.11	\$3.11	\$3.11
Implements	1	Acre	\$1.34	\$1.34	\$1.34	\$1.34
<b>Equipment Investment</b>						
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
<b>Cash Rent - Irrigated</b>	1	Acre	\$100.00	\$100.00	\$100.00	\$100.00
<b>Total Fixed Costs</b>				<b>\$829.90</b>	<b>\$829.90</b>	<b>\$829.90</b>
<b>Total Specified Costs</b>				<b>\$8,289.36</b>	<b>\$8,289.36</b>	<b>\$8,289.36</b>
Returns Above Specified Costs				\$1,951.86	\$1,951.86	\$1,951.86
<b>Breakeven Price to Cover Total Costs</b>			<b>\$31.93</b>	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	194.70	\$38.31	\$42.58
90%	233.64	\$31.93	\$35.48
100%	259.60	\$28.73	\$31.93
110%	285.56	\$26.12	\$29.03
125%	324.50	\$22.99	\$25.55

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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.**