

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

Crop Acres		1		Enterprise		
REVENUE	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
Jalapeño Pepper	325.10	CWT	\$16.95	\$5,510.45	\$5,510.45	\$5,510.45
Total Revenue				\$5,510.45	\$5,510.45	\$5,510.45
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
Production Costs						
Seed						
Transplants - Pepper	11591	Plants	\$0.18	\$2,086.38	\$2,086.38	\$2,086.38
Seed - Pepper	0	Bag	\$186.00	\$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 emit	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
Custom						
Harvest, Pack & Count Vegetables	325.1	CWT	\$10.45	\$3,397.34	\$3,397.34	\$3,397.34
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	\$61.20	\$61.20	\$61.20	\$61.20
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%	\$105.94	\$105.94	\$105.94
Total Variable Costs				\$8,330.56	\$8,330.56	\$8,330.56
Planned Returns Above Variable Costs:				(\$2,820.11)	(\$2,820.11)	(\$2,820.11)
Breakeven Price to Cover Variable Costs			\$25.62	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$64.26	\$64.26	\$64.26	\$64.26
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	\$443.70	Dollars	6.25%	\$27.73	\$27.73	\$27.73
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				\$198.35	\$198.35	\$198.35
Total Specified Costs				\$8,528.91	\$8,528.91	\$8,528.91
Returns Above Specified Costs				(\$3,018.47)	(\$3,018.47)	(\$3,018.47)
Breakeven Price to Cover Total Costs			\$26.23	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	243.83	\$34.17	\$34.98
90%	292.59	\$28.47	\$29.15
100%	325.10	\$25.62	\$26.23
110%	357.61	\$23.30	\$23.85
125%	406.38	\$20.50	\$20.99

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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.