

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

Crop Acres		1				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
Sweet Corn	87.60	CWT	\$15.54	\$1,361.30	\$1,361.30	\$1,361.30
Total Revenue				\$1,361.30	\$1,361.30	\$1,361.30
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Total	Enterprise Total
Production Costs						
Seed						
Seed - Corn, Sweet	7.47	Bag	\$275.00	\$2,054.25	\$2,054.25	\$2,054.25
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	87.6	CWT	\$10.45	\$915.43	\$915.43	\$915.43
Irrigation						
Energy Cost	10.22	AcreInch	\$3.96	\$40.47	\$40.47	\$40.47
Irrigation Labor	0.19	Hour	\$13.65	\$2.58	\$2.58	\$2.58
Machinery Labor						
Tractors/Self-Propelled	0.88	Hour	\$13.43	\$11.82	\$11.82	\$11.82
Other Labor	1.47	Hour	\$13.43	\$19.74	\$19.74	\$19.74
Diesel Fuel						
Tractors/Self-Propelled	2.07	Gallon	\$2.33	\$4.82	\$4.82	\$4.82
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	\$30.66	\$30.66	\$30.66	\$30.66
Tractors/Self-Propelled	1	Acre	\$3.57	\$3.57	\$3.57	\$3.57
Implements	1	Acre	\$2.11	\$2.11	\$2.11	\$2.11
Interest on Credit Line			6.25%	\$66.81	\$66.81	\$66.81
Total Variable Costs				\$5,001.65	\$5,001.65	\$5,001.65
Planned Returns Above Variable Costs:				(\$3,640.34)	(\$3,640.34)	(\$3,640.34)
Breakeven Price to Cover Variable Costs			\$57.10	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	\$2.95	\$2.95	\$2.95	\$2.95
Implements	1	Acre	\$2.54	\$2.54	\$2.54	\$2.54
Equipment Investment						
Pickup/General Use Equipment	\$443.70	Dollars	6.25%	\$27.73	\$27.73	\$27.73
Tractors/Self-Propelled	\$22.97	Dollars	6.25%	\$1.44	\$1.44	\$1.44
Implements	\$15.03	Dollars	6.25%	\$0.94	\$0.94	\$0.94
Cash Rent - Irrigated	1	Acre	\$100.00	\$100.00	\$100.00	\$100.00
Total Fixed Costs				\$199.86	\$199.86	\$199.86
Total Specified Costs				\$5,201.50	\$5,201.50	\$5,201.50
Returns Above Specified Costs				(\$3,840.20)	(\$3,840.20)	(\$3,840.20)
Breakeven Price to Cover Total Costs			\$59.38	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	65.70	\$76.13	\$79.17
90%	78.84	\$63.44	\$65.98
100%	87.60	\$57.10	\$59.38
110%	96.36	\$51.91	\$53.98
125%	109.50	\$45.68	\$47.50

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.
 DeDe Jones, Extension Risk Management Specialist III, Texas A&M AgriLife Extension

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.