

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Irrigated Pickling Cucumbers
Southwest Extension District - 10

Crop Acres		122				Enterprise
REVENUE	Quantity	Units	\$/Unit	Total		Total
Cucumbers (Pickles)	150.00	CWT	\$6.50	\$975.00		\$118,950.00
Total Revenue				\$975.00		\$118,950.00
VARIABLE COSTS	Quantity	Units	\$/Unit	Total		Enterprise Total
Production Costs						
Herbicide						
Prefar	6	Quart	\$18.75	\$112.50		\$13,725.00
Seed						
Cucumber Seed	10	Pound	\$11.00	\$110.00		\$13,420.00
Fertilizer						
UAN(32% N)	1.52	CWT	\$17.00	\$25.84		\$3,152.48
Fertilizer 18-46-0	174	Pound	\$0.24	\$41.76		\$5,094.72
Custom						
Custom Haul/Pack Cucumbers	150	CWT	\$0.43	\$64.50		\$7,869.00
Miscellaneous						
Miscellaneous Cucumber Overhead	1	Acre	\$4.00	\$4.00		\$488.00
Crop Insurance - Cucumbers	1	Acre	\$5.00	\$5.00		\$610.00
Insecticide						
Admire	8.5	Ounce	\$2.55	\$21.68		\$2,644.35
Asana XL	8	Ounce	\$0.59	\$4.72		\$575.84
Fungicides						
Echo 720	4.5	Pint	\$3.63	\$16.34		\$1,992.87
Irrigation						
Energy Cost	390.00	kWh	\$0.17	\$66.30		\$8,088.60
Machinery Labor						
Tractors/Self-Propelled	1.34	Hour	\$12.00	\$16.08		\$1,961.76
Other Labor	0.05	Hour	\$8.50	\$0.43		\$51.85
Diesel Fuel						
Tractors/Self-Propelled	11.3	Gallon	\$2.14	\$24.18		\$2,950.20
Gasoline						
Pickup/General Use Equipment	1	Acre	\$37.79	\$37.79		\$4,609.84
Repairs & Maintenance						
Pickup/General Use Equipment	1	Acre	\$7.91	\$7.91		\$964.48
Irrigation Equipment	1	Acre	\$4.06	\$4.06		\$494.83
Tractors/Self-Propelled	1	Acre	\$25.66	\$25.66		\$3,130.39
Implements	1	Acre	\$20.48	\$20.48		\$2,498.92
Interest on Credit Line			6.50%	\$7.15		\$872.08
Total Variable Costs				\$616.35		\$75,195.22
Planned Returns Above Variable Costs:				\$358.65		\$43,754.78
Breakeven Price to Cover Variable Costs			\$4.11	CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total		Enterprise Total
Machinery Depreciation						
Pickup/General Use Equipment	1	Acre	\$41.18	\$41.18		\$5,023.35
Irrigation Equipment	1	Acre	\$55.61	\$55.61		\$6,784.07
Tractors/Self-Propelled	1	Acre	\$27.42	\$27.42		\$3,345.56
Implements	1	Acre	\$24.32	\$24.32		\$2,967.56
Equipment Investment						
Pickup/General Use Equipment	\$171.56	Dollars	6.50%	\$11.15		\$1,360.49
Irrigation Equipment	\$417.05	Dollars	6.50%	\$27.11		\$3,307.23
Tractors/Self-Propelled	\$213.19	Dollars	6.50%	\$13.86		\$1,690.58
Implements	\$107.40	Dollars	6.50%	\$6.98		\$851.71
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00		\$6,100.00
Total Fixed Costs				\$257.63		\$31,430.55
Total Specified Costs				\$873.98		\$106,625.77
Returns Above Specified Costs				\$101.02		\$12,324.23
Breakeven Price to Cover Total Costs			\$5.83	CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	112.50	\$5.48	\$7.77
90%	135.00	\$4.57	\$6.47
100%	150.00	\$4.11	\$5.83
110%	165.00	\$3.74	\$5.30
125%	187.50	\$3.29	\$4.66

Developed by Rob Hogan, Associate Professor and Extension Economist, Texas A&M AgriLife Extension, 830-278-9151.

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.