

Projections for Planning Purposes Only -- Not to be Used without Updating
2017 Estimated Costs and Returns per Acre
Irrigated Pickling Cucumbers - 122 Acres
Southwest Extension District - 10

Crop Acres		122			
				Total	Enterprise Total
REVENUE					
	Quantity	Units	\$/Unit	Total	Enterprise Total
Cucumbers (Pickles)	150.00	CWT	\$6.50	\$975.00	\$118,950.00
Total Revenue				\$975.00	\$118,950.00
VARIABLE COSTS					
				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	\$12.00	\$18.24	\$2,225.28
Fertilizer 18-46-0	174	Pound	\$0.22	\$38.28	\$4,670.16
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	1.39	Hour	\$12.00	\$16.68	\$2,034.96
Diesel Fuel					
Tractors/Self-Propelled	11.33	Gallon	\$1.83	\$20.73	\$2,529.54
Gasoline					
Pickup/General Use Equipment	1	Acre	\$33.04	\$33.04	\$4,031.20
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	\$25.17	\$25.17	\$3,070.93
Implements	1	Acre	\$20.07	\$20.07	\$2,448.30
Interest on Credit Line			6.50%	\$6.63	\$808.86
Total Variable Costs				\$595.84	\$72,692.20
Planned Returns Above Variable Costs:				\$379.16	\$46,257.80
Breakeven Price to Cover Variable Costs				\$3.97	CWT
FIXED COSTS					
				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	\$26.88	\$26.88	\$3,279.56
Implements	1	Acre	\$23.93	\$23.93	\$2,919.66
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	\$208.99	Dollars	6.50%	\$13.58	\$1,657.30
Implements	\$105.72	Dollars	6.50%	\$6.87	\$838.40
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$256.31	\$31,270.05
Total Specified Costs				\$852.15	\$103,962.26
Returns Above Specified Costs				\$122.85	\$14,987.74
Breakeven Price to Cover Total Costs				\$5.68	CWT

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	112.50	\$5.30	\$7.57
90%	135.00	\$4.41	\$6.31
100%	150.00	\$3.97	\$5.68
110%	165.00	\$3.61	\$5.16
125%	187.50	\$3.18	\$4.54

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.