

Projections for Planning Purposes Only -- Not to be Used without Updating
2016 Estimated Costs and Returns per Acre
Irrigated Pickling Cucumbers - 122 Acres
Southwest Extension District - 10

Crop Acres		122				
		Quantity	Units	\$/Unit	Total	Enterprise Total
REVENUE						
Cucumbers (Pickles)		150.00	CWT	\$6.50	\$975.00	\$118,950.00
Total Revenue					\$975.00	\$118,950.00
VARIABLE COSTS						
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	\$16.00	\$24.32	\$2,967.04
	Fertilizer 18-46-0	174	Pound	\$0.27	\$46.98	\$5,731.56
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	\$0.70	\$5.60	\$683.20
Fungicides						
	Bravo	4.5	Pint	\$5.63	\$25.34	\$3,090.87
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	\$2.10	\$23.79	\$2,902.75
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$131.72	\$131.72	\$16,069.84
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	\$22.23	\$22.23	\$2,712.45
	Implements	1	Acre	\$19.95	\$19.95	\$2,434.29
Interest on Credit Line				6.50%	\$6.73	\$821.42
Total Variable Costs					\$719.28	\$87,752.65
Planned Returns Above Variable Costs:					\$255.72	\$31,197.35
Breakeven Price to Cover Variable Costs				\$4.80 CWT		
FIXED COSTS						
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	\$24.69	\$24.69	\$3,012.65
	Implements	1	Acre	\$23.85	\$23.85	\$2,909.91
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	\$193.74	Dollars	6.50%	\$12.59	\$1,536.34
	Implements	\$105.80	Dollars	6.50%	\$6.88	\$838.98
Irrigated Winter Garden Rent		1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs					\$253.06	\$30,873.01
Total Specified Costs					\$972.34	\$118,625.66
Returns Above Specified Costs					\$2.66	\$324.34
Breakeven Price to Cover Total Costs				\$6.48 CWT		

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	Price Needed to Cover Your Variable Costs	Price Needed to Cover Your Total Costs
75%	112.50	\$6.39	\$8.64
90%	135.00	\$5.33	\$7.20
100%	150.00	\$4.80	\$6.48
110%	165.00	\$4.36	\$5.89
125%	187.50	\$3.84	\$5.19

Developed by Rob Hogan, Associate Professor and Extension Economist, 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.