

Projections for Planning Purposes Only -- Not to be Used without Updating
2015 Estimated Costs and Returns per Acre
Irrigated Pickling Cucumbers - 122 Acres
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	Total
Production Costs					
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	\$0.28	\$48.72	\$5,943.84
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	\$32.00	\$32.00	\$3,904.00
Herbicide					
Prefar	6	Quart	\$17.50	\$105.00	\$12,810.00
Insecticide					
Admire	8.5	Ounce	\$2.55	\$21.68	\$2,644.35
Asana XL	8	Ounce	\$0.81	\$6.48	\$790.56
Fungicides					
Bravo	4.5	Pint	\$4.00	\$18.00	\$2,196.00
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	\$2.15	\$24.36	\$2,971.86
Gasoline					
Pickup/General Use Equipment	1	Acre	\$131.72	\$131.72	\$16,069.84
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$10.98	\$10.98	\$1,339.56
Irrigation Equipment	1	Acre	\$4.05	\$4.05	\$494.20
Tractors/Self-Propelled	1	Acre	\$23.49	\$23.49	\$2,865.78
Implements	1	Acre	\$19.95	\$19.95	\$2,434.29
Interest on Credit Line			6.50%	\$7.55	\$920.67
Total Variable Costs				\$739.77	\$90,252.55
Planned Returns Above Variable Costs:				\$235.23	\$28,697.45
Breakeven Price to Cover Variable Costs			\$4.93 CWT		
FIXED COSTS	Quantity	Units	\$/Unit	Total	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	\$25.10	\$25.10	\$3,062.57
Implements	1	Acre	\$23.85	\$23.85	\$2,909.91
Equipment Investment					
Pickup/General Use Equipment	\$274.50	Dollars	6.50%	\$17.84	\$2,176.79
Irrigation Equipment	\$834.11	Dollars	6.50%	\$54.22	\$6,614.47
Tractors/Self-Propelled	\$283.58	Dollars	6.50%	\$18.43	\$2,248.76
Implements	\$189.43	Dollars	6.50%	\$12.31	\$1,502.14
Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs				\$298.54	\$36,422.04
Total Specified Costs				\$1,038.32	\$126,674.59
Returns Above Specified Costs				(\$63.32)	(\$7,724.59)
Breakeven Price to Cover Total Costs			\$6.92 CWT		

Example Breakeven Prices						
Example Yield Percent	Example Yield CWT	Price Needed to Cover Example Variable Costs		Price Needed to Cover Example Total Costs		
		Own/Rent	Share Tenant	Own/Rent	Share Tenant	Landlord
75%	112.50	\$6.58	\$6.58	\$9.23	\$9.23	\$0.00
90%	135.00	\$5.48	\$5.48	\$7.69	\$7.69	\$0.00
100%	150.00	\$4.93	\$4.93	\$6.92	\$6.92	\$0.00
110%	165.00	\$4.48	\$4.48	\$6.29	\$6.29	\$0.00
125%	187.50	\$3.95	\$3.95	\$5.54	\$5.54	\$0.00

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.