

Projections for Planning Purposes Only -- Not to be Used without Updating
2014 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	Enterprise Total
Production Costs						
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	\$0.25	\$43.50	\$5,307.00
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	\$0.73	\$5.82	\$710.04
Fungicides						
	Bravo	4.5	Pint	\$4.00	\$18.00	\$2,196.00
Miscellaneous						
	Miscellaneous Cucumber Overhea	1	Acre	\$4.00	\$4.00	\$488.00
Custom						
	Custom Haul/Pack Cucumbers	150	CWT	\$0.43	\$64.50	\$7,869.00
Irrigation						
	Energy or Water Cost	271.49	kWh	\$0.18	\$48.87	\$5,962.01
Machinery Labor						
	Tractors/Self-Propelled	1.18	Hour	\$12.00	\$14.16	\$1,727.52
Diesel Fuel						
	Tractors/Self-Propelled	10.2	Gallon	\$2.85	\$29.07	\$3,546.54
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$131.72	\$131.72	\$16,069.84
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$26.88	\$26.88	\$3,279.36
	Irrigation Equipment	1	Acre	\$2.82	\$2.82	\$344.04
	Tractors/Self-Propelled	1	Acre	\$3.23	\$3.23	\$393.82
	Implements	1	Acre	\$4.23	\$4.23	\$515.99
	Interest on Credit Line			6.50%	\$6.09	\$742.44
Total Variable Costs					\$665.40	\$81,178.43
Planned Returns Above Variable Costs:					\$309.60	\$37,771.57
Breakeven Price to Cover Variable Costs				\$4.44	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	\$13.93	\$13.93	\$1,699.77
	Implements	1	Acre	\$4.41	\$4.41	\$538.24
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	\$172.16	Dollars	6.50%	\$11.19	\$1,365.24
	Implements	\$62.91	Dollars	6.50%	\$4.09	\$498.86
	Irrigated Winter Garden Rent	1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs					\$252.47	\$30,800.77
Total Specified Costs					\$917.86	\$111,979.20
Returns Above Specified Costs					\$57.14	\$6,970.80
Breakeven Price to Cover Total Costs				\$6.12	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	ShareTenant	Own/Rent	ShareTenant	Landlord
75%	112.50	\$5.91	\$5.91	\$8.16	\$8.16	\$0.00
90%	135.00	\$4.93	\$4.93	\$6.80	\$6.80	\$0.00
100%	150.00	\$4.44	\$4.44	\$6.12	\$6.12	\$0.00
110%	165.00	\$4.03	\$4.03	\$5.56	\$5.56	\$0.00
125%	187.50	\$3.55	\$3.55	\$4.90	\$4.90	\$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.