

Projections for Planning Purposes Only -- Not to be Used without Updating
2019 Estimated Costs and Returns per Acre
Irrigated Pickling Cucumbers
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						
Seed	Prefar	6	Quart	\$9.38	\$56.28	\$6,866.16
	Cucumber Seed	10	Pound	\$11.00	\$110.00	\$13,420.00
Fertilizer						
	UAN(32% N)	1.52	CWT	\$13.00	\$19.76	\$2,410.72
	Fertilizer 18-46-0	174	Pound	\$0.29	\$50.46	\$6,156.12
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	\$3.75	\$16.88	\$2,058.75
Irrigation						
	Energy Cost	396.00	kWh	\$0.17	\$67.32	\$8,213.04
	Irrigation Labor	0.05	Hour	\$11.00	\$0.53	\$64.42
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	\$2.99	\$33.79	\$4,122.01
Gasoline						
	Pickup/General Use Equipment	1	Acre	\$45.69	\$45.69	\$5,574.25
Repairs & Maintenance						
	Pickup/General Use Equipment	1	Acre	\$7.91	\$7.91	\$964.48
	Irrigation Equipment	1	Acre	\$3.73	\$3.73	\$455.39
	Tractors/Self-Propelled	1	Acre	\$26.00	\$26.00	\$3,172.10
	Implements	1	Acre	\$20.07	\$20.07	\$2,448.28
Interest on Credit Line				6.50%	\$6.76	\$824.20
Total Variable Costs					\$581.56	\$70,950.72
Planned Returns Above Variable Costs:					\$393.44	\$47,999.28
Breakeven Price to Cover Variable Costs				\$3.88	CWT	
FIXED COSTS						
Machinery Depreciation						
	Pickup/General Use Equipment	1	Acre	\$41.18	\$41.18	\$5,023.35
	Irrigation Equipment	1	Acre	\$80.58	\$80.58	\$9,831.25
	Tractors/Self-Propelled	1	Acre	\$27.80	\$27.80	\$3,391.17
	Implements	1	Acre	\$23.95	\$23.95	\$2,921.68
Equipment Investment						
	Pickup/General Use Equipment	\$171.56	Dollars	6.50%	\$11.15	\$1,360.49
	Irrigation Equipment	\$646.00	Dollars	6.50%	\$41.99	\$5,122.81
	Tractors/Self-Propelled	\$216.09	Dollars	6.50%	\$14.05	\$1,713.61
	Implements	\$105.13	Dollars	6.50%	\$6.83	\$833.66
Irrigated Winter Garden Rent		1	Acre	\$50.00	\$50.00	\$6,100.00
Total Fixed Costs					\$297.52	\$36,298.03
Total Specified Costs					\$879.09	\$107,248.74
Returns Above Specified Costs					\$95.91	\$11,701.26
Breakeven Price to Cover Total Costs				\$5.86	CWT	

Example Breakeven Prices			
Example Yield Percent	Example Yield CWT	To Cover Variable Costs	To Cover Total Costs
75%	112.50	\$5.17	\$7.81
90%	135.00	\$4.31	\$6.51
100%	150.00	\$3.88	\$5.86
110%	165.00	\$3.52	\$5.33
125%	187.50	\$3.10	\$4.69

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.