



Southeast - Canteloupes (Drip Irrigation)

2016

Estimated Production Costs & Returns

GROSS RECEIPTS FROM PRODUCTION						
GROSS RECEIPTS	UNIT	PRICE	YIELD	PER ACRE	PER SACK	YOUR FARM
Melons (40 lbs per box)	box	\$16.50	525	\$8,663	\$16.50	
Other						
Total Receipts				\$8,663		\$0

DIRECT COSTS

	UNIT	COST PER		PER ACRE	PER SACK	YOUR FARM
		UNIT	QUANTITY			
OPERATING PREHARVEST						
Tillage						
Rotary	acre	13.00	3	39.00	0.07	
Bed Shaper	acre	10.00	4	40.00	0.08	
Planting						
Plastic	acre	115.00	1	115.00	0.22	
Laying Plastic	acre	25.00	1	25.00	0.05	
Seed	acre	280.00	1	280.00	0.53	
Custom Planting	acre	12.00	1	12.00	0.02	
Fertilizer						
11-52-0 + urea	acre	65.00	1	65.00	0.12	
Application	acre	10.00	1	10.00	0.02	
Herbicide						
"Sandia"	acre	15.00	1	15.00	0.03	
Application	dollars	10.00	1	10.00	0.02	
Insecticide & Fungicide						
Chemical	acre	20.00	3	60.00	0.11	
Application	acre	6.00	3	18.00	0.03	
Chemical	acre	25.00	3	75.00	0.14	
Application	acre	6.00	3	18.00	0.03	
Irrigation						
Water Assessment (surface)	dollars	7.52	1	7.52	0.01	
Labor (7 irrigations)	dollars	10.00	7	70.00	0.13	
Crop Insurance (NAP)	dollars	5.00	1	5.00	0.01	
Labor (hoeing)	acre	30.00	2	60.00	0.11	
Fuel	dollars	0.00	1	0.00	0.00	
Repairs & Maintenance	dollars	0.00	1	0.00	0.00	
Interest (6 months @ 6.0%)	dollars	27.74	1	27.74	0.05	
Total Pre-Harvest Expenses				\$952.25	\$1.81	\$0.00
HARVEST COSTS						
Hand Harvest	hours	15.00	48	720.00	1.37	
Hauling	dollars	25.00	1	25.00	0.05	
Total Harvest Costs				\$745.00	\$1.42	\$0.00
Total Operating Costs				\$1,697.25	\$3.23	\$0.00
PROPERTY & OWNERSHIP COSTS						
General Farm Overhead	dollars	65.00	1	65.00	0.12	
Depreciation	dollars	20.00	1	20.00	0.04	
Real Estate Taxes	dollars	23.00	1	23.00	0.04	
Total Property & Ownership Costs				\$108.00	\$0.21	\$0.00
TOTAL DIRECT COSTS				\$1,805.25	\$3.44	\$0.00
NET RECEIPTS BEFORE FACTOR PAYMENTS				\$6,857.25	\$13.06	\$0.00
FACTOR PAYMENTS						
Land (\$5,000 @ 4%)				200.00	0.38	
RETURN TO MANAGEMENT & RISK				\$6,657.25	\$12.68	\$0.00

BREAKEVEN ANALYSIS - PER ACRE RETURNS OVER TOTAL DIRECT COSTS (\$/ACRE)

ALTERNATIVE YIELDS		ALTERNATIVE PRICES (\$/sack)				
		-25%	-10%	10%	25%	
		\$12.38	\$14.85	\$16.50	\$18.15	\$20.63
-25%	393.75	\$3,067.40	\$4,041.93	\$4,691.62	\$5,341.31	\$6,315.84
-10%	472.50	\$4,041.93	\$5,211.37	\$5,991.00	\$6,770.62	\$7,940.06
SACKS PER ACRE	525.00	\$4,691.62	\$5,991.00	\$6,857.25	\$7,723.50	\$9,022.87
	10%	\$5,341.31	\$6,770.62	\$7,723.50	\$8,676.37	\$10,105.68
	25%	\$6,315.84	\$7,940.06	\$9,022.87	\$10,105.68	\$11,729.90