



Southeast - Sweet Onions (Furrow Irrigation) 2015

Estimated Production Costs & Returns

GROSS RECEIPTS FROM PRODUCTION						
GROSS RECEIPTS	UNIT	PRICE	YIELD	PER ACRE	PER SACK	YOUR FARM
Onions	sack	\$8.00	600	\$4,800	\$8.00	_____
Total Receipts				\$4,800		\$0

DIRECT COSTS

	UNIT	COST PER UNIT	QUANTITY	PER ACRE	PER SACK	YOUR FARM
OPERATING PREHARVEST						
Tillage						
Disk	acre	10.00	2	20.00	0.03	_____
Plow	acre	22.00	1	22.00	0.04	_____
Disk	acre	10.00	2	20.00	0.03	_____
Level	acre	15.00	1	15.00	0.03	_____
Furrow	acre	15.00	1	15.00	0.03	_____
Cultivate	acre	10.00	2	20.00	0.03	_____
Transplants + Labor	dollars	1,000.00	1	1,000.00	1.67	_____
Custom Planting	acre	12.00	1	12.00	0.02	_____
Fertilizer						
11-52-0, urea, potash, sulfur	dollars	80.00	1	80.00	0.13	_____
Custom Application	acre	10.00	1	10.00	0.02	_____
Herbicide						
"Dual + Prowl"	dollars	30.00	1	30.00	0.05	_____
Custom Application	dollars	10.00	1	10.00	0.02	_____
"Goal + Buctril"	dollars	30.00	1	30.00	0.05	_____
Custom Application	dollars	10.00	1	10.00	0.02	_____
Insecticide & Fungicide						
Aerial Application	dollars	25.00	1	25.00	0.04	_____
Aerial Application	dollars	6.00	1	6.00	0.01	_____
Irrigation						
Water Assessment (surface)	dollars	7.52	1	7.52	0.01	_____
Labor (7 irrigations)	dollars	10.00	7	70.00	0.12	_____
Crop Insurance	dollars	110.00	1	110.00	0.18	_____
Labor (hoeing)	dollars	10.00	7	70.00	0.12	_____
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	42.98	1	42.98	0.07	_____
Total Pre-Harvest Expenses				\$1,625.49	\$2.71	\$0.00
HARVEST COSTS						
Top + Grade + Haul	sack	5.00	600	3,000.00	5.00	_____
Total Harvest Costs				\$3,000.00	\$5.00	\$0.00
Total Operating Costs				\$4,625.49	\$7.71	\$0.00
PROPERTY & OWNERSHIP COSTS						
General Farm Overhead	dollars	65.00	1	65.00	0.11	_____
Depreciation	dollars	10.00	1	10.00	0.02	_____
Real Estate Taxes	dollars	23.00	1	23.00	0.04	_____
Total Property & Ownership Costs				\$98.00	\$0.16	\$0.00
TOTAL DIRECT COSTS				\$4,723.49	\$7.87	\$0.00
NET RECEIPTS BEFORE FACTOR PAYMENTS				\$76.51	\$0.13	\$0.00
FACTOR PAYMENTS						
Land (\$5,000 @ 4%)				200.00	0.33	_____
RETURN TO MANAGEMENT & RISK				(\$123.49)	(\$0.21)	\$0.00

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

ALTERNATIVE YIELDS		ALTERNATIVE PRICES (\$/sack)				
		-25%	-10%	10%	25%	
		\$6.00	\$7.20	\$8.00	\$8.80	\$10.00
-25%	450.00	(\$2,023.49)	(\$1,483.49)	(\$1,123.49)	(\$763.49)	(\$223.49)
-10%	540.00	(\$1,483.49)	(\$835.49)	(\$403.49)	\$28.51	\$676.51
SACKS PER ACRE	600.00	(\$1,123.49)	(\$403.49)	\$76.51	\$556.51	\$1,276.51
	10%	660.00	(\$763.49)	\$28.51	\$556.51	\$1,084.51
	25%	750.00	(\$223.49)	\$676.51	\$1,276.51	\$1,876.51