

*Estimated Production Costs for Sweet Potatoes in an Unheated High Tunnel
2009*

Variable Costs						
Operation	Input	Unit	Quantity	Price	\$/planting	\$/sq ft
High Tunnel Preparation						
	Fertilizing (compost)	lbs	55	\$0.30	\$16.50	\$0.00
	landscape fabric		1	\$657.72	\$657.72	\$0.15
	sweet potato slips		1	\$191.00	\$191.00	\$0.04
Irrigation System	Drip Lines	linear foot	1,400	\$0.09	\$126.00	\$0.03
	header, filter, shut-off valves, misc.		1	\$50.00	\$50.00	\$0.01
Labor	tilling with tractor	hr	0.3	\$50.00	\$15.00	\$0.00
	fertilizing (compost)	hr	0.3	\$12.00	\$3.60	\$0.00
	laying drip	hr	1	\$12.00	\$12.00	\$0.00
	cutting & layout of landscape cloth	hr	15	\$12.00	\$180.00	\$0.04
Sub-Total Prep costs					\$1,251.82	\$0.29

Production - sweet potato slips were planted on June 15th into the 34x144 Rimol tunnel (4264 sq ft) 9" apart within the row and 3' apart between the row.

Covington, Beuregard and Georgia Jet*

Variety or Cultivar:

Production Labor	hours	price/hr	\$/tunnel	\$/sq foot		
planting	6	\$12.00	\$72.00	\$0.02		
weeding	0.5	\$12.00	\$6.00	\$0.00		
set traps	0.5	\$12.00	\$6.00	\$0.00		
Harvesting Labor						
cutting and rolling vines	10	\$12.00	\$120.00	\$0.03		
moving tops	1.5	\$12.00	\$18.00	\$0.00		
removing landscape cloth	0.5	\$12.00	\$6.00	\$0.00		
digging	2.5	\$12.00	\$30.00	\$0.01		
harvesting	20	\$12.00	\$240.00	\$0.06		
moving and curing	1	\$12.00	\$12.00	\$0.00		
washing for market	13	\$12.00	\$156.00	\$0.04		
Marketing Labor	1 hr/week for 15 weeks	15	\$12.00	\$180.00	\$0.04	
Sub-Total production and marketing costs			70.5	\$12.00	\$846.00	\$0.20
Total Variable Costs					\$2,097.82	\$0.49

2009 Sweet Potato

Revenue	unit	quantity	Price	per tunnel	per sq ft
Marketing Channel:	Farmers Markets, retail				
Total Revenue	lb	1807	\$2.50	\$4,517.50	\$1.06
Total Variable Costs				\$2,097.82	\$0.49
Annual Fixed Costs	sq foot	4264		\$2,000.00	\$0.47
Net Income				\$419.68	\$0.10

Fixed costs	materials and labor	per yr for HT	cost per yr /sq foot
Tunnel Cost - The tunnel was a kit - all labor and materials were included, 10 year life	20000		
Annual fixed costs		\$2,000.00	\$0.47