

*Estimated Production Costs for Colored Peppers in an Unheated High Tunnel
2009*

Operation	Input	Unit	Quantity	Price	\$/planting	\$/sq ft
High Tunnel Preparation						
	fertilizer (compost)	yards	5	\$25.00	\$125.00	\$0.28
	Plastic mulch	sq foot	540	\$0.08	\$43.20	\$0.10
Irrigation System	Drip Lines	linear foot	180	\$0.09	\$16.20	\$0.04
	header, filter, shut-off valves, misc.			\$50.00	\$50.00	\$0.11
	Labor	hr	5	\$15.00	\$75.00	\$0.17
Total					\$184.40	\$0.41

Production - a 5x90 bed planted into a 26x148 Rimol tunnel. 2 rows, plants 18" apart, staked and trellised

starting transplants (Jan 30)	seed, labor, greenhouse space, soil, flats, etc.	plant	120	\$0.50	\$60.00	\$0.13
Transplanting (April 15)	labor	hour	2	\$15.00	\$30.00	\$0.07
	bed prep w/tractor	hour	0.5	\$50.00	\$25.00	\$0.06
Fertilization and Irrigation	fertilizer	bag			\$40.32	\$0.09
	labor	hr	17.6	\$10.00	\$176.00	\$0.39
Staking and trellising	labor	hr	5	\$15.00	\$75.00	\$0.17
misc. labor	pest monitoring	hr	3	\$15.00	\$45.00	\$0.10
Total					\$391.32	\$0.87

Harvesting

Harvesting and washing	labor	hr	5	\$15.00	\$75.00	\$0.17
End of season clean up	labor	hr	4	\$15.00	\$60.00	\$0.13
Marketing	labor - 10 week harvest	hr	10	\$15.00	\$150.00	\$0.33
Total					\$285.00	\$0.63

Type of High Tunnel: Rimol
Tunnel Size (sq. ft.): 3848 (26x148)
Number of Plants: 120

Variety or Cultivar: Carmen, Flavorburst and Purple Lilac - started 1/30/09
Marketing Channel: Farmers Markets, retail
Yield: Total yield = 8 fruit/plant marketable yield = 960 fruit minus 150 = 810
Price received (/piece) \$2

Income	unit	quantity	price	per planting /sq foot	
	premium fruit	810	\$2.00	\$1,620.00	\$3.60
	seconds fruit	150	\$0.50	\$75.00	\$0.17
Total Revenue				\$1,695.00	\$3.77
Total Variable Costs				\$860.72	\$1.91
Annual Fixed Costs	\$1,955.00	sq foot	3848	\$0.51	\$228.63
Net Income				\$530.65	\$1.18

Fixed costs

Construction Costs	materials	labor	per year cost for total HT	per year cost /sq foot
frame (10 year life)	\$12,500.00		\$1,250.00	\$0.32
hardware	\$1,500.00		\$150.00	\$0.04
construction (including covering)		\$1,800.00	\$180.00	\$0.05
plastic (4 year life)	\$1,500.00		\$375.00	\$0.10
Annual fixed costs			\$1,955.00	\$0.51