

SERRANO CHILI PEPPER PRODUCTION FOR FRESH MARKET
 Cost Analysis Worksheet - 1989

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Sample costs to produce Serrano Chili Peppers in Fresno County are based on 850 - 10 lbs. boxes per acre. Field labor is \$4.50 per hour cash cost to grower. A 70 hp diesel powered tractor per hour cash costs \$6.00. Grower has invested in various specialized pieces of equipment to lay plastic mulch, build tunnels and fumigate. Peppers are planted on a single row 12" apart, 6' of distance between beds. This considered to be a crop on a 80 acre farm where raisin grapes and vegetable are produced.

	Sample Costs		My Costs	
	Per Acre	Per Box	Per Acre	Per Box
<u>PRE-HARVEST COSTS:</u>				
Land Preparation:				
Plow: 3 hrs. tractor & labor		\$31.50		
Disc: 1 hr. tractor & labor		\$10.50		
Springtooth: 1 hr. tractor/labor		\$10.50		
Laser Leveling:		\$75.00		
Bed Fumigation (CH₃Br):				
2 hr. labor/tractor		\$21.00		
CH ₃ Br-240 lbs. at 1.05/lb.= 80 lbs.		\$84.00		
Plastic Mulch/Tarp:		\$171.00		
Drip Tape:		\$145.00		
Planting: 7000 plants at \$35/1000		\$245.00		
labor 10hrs./2hrs. tractor		\$57.00		
Tunnel Plastic:		\$248.00		
Construction:				
12 hours labor/3hrs. tractor/machine		\$72.00		
Fertilization:				
preplant 300 lbs. -15-15-15		\$42.00		
labor/tractor .5 hrs.		\$5.25		
Sidedress:				
300 lbs. 15-15-15		\$42.00		
labor/tractor .5 hrs.		\$5.25		
Liquid Fertilizer		\$75.50		
Irrigation: P.G. & E - \$50 @ 3 months		\$150.00		
Venting: 30 hrs. labor		\$135.00		
Tunnel Removal:				
27 hrs. labor & 2 hrs. tractor		\$133.50		
Staking & Tying: 36 hrs.		\$162.00		
material cost		\$20.00		
Cultivating: 16 hrs. labor		\$72.00		
Tractor Cultivating: 4hrs. 1.5 tractor		\$26.00		
Miscellaneous Expenses: 6%		\$128.00		
Office Expenses		\$118.20		
TOTAL PRE-HARVEST COSTS		\$2,266.80		\$2.83

	Sample Costs		My Costs	
	Per Acre	Per Box	Per Acre	Per Box
HARVEST COST				
Picking:	\$1,147.50	\$1.35		
Boxes:	\$365.50	.43		
Packing:	\$255.00	.30		
Cold Storage:	\$85.00	.10		
TOTAL HARVEST COSTS	\$1,853.00	\$2.18		
TOTAL CASH COSTS	\$4,079.80	\$4.79		
Depreciation:				
Tractor 75 hp (large)	\$43.00			
Kubota tractor	\$50.00			
Tunnel machine	\$35.00			
Equipment- wire hoops	\$41.00			
Shed (other)	\$3.00			
Drip Irrigation	\$70.00			
TOTAL DEPRECIATION	\$242.00	.30¢		
INTEREST ON INVESTMENT AT 8%				
1/2 cost of \$30,000 for 80 acres	\$15.00			
Tractor, tunnel equip. & other wire	\$54.00			
Shed	\$2.00			
Drip Irrigation: (filters, mains, etc.)	\$28.00			
TOTAL INTEREST ON INVESTMENT	\$99.00	.12		
TOTAL COST OF PRODUCTION	\$4,460.00	\$5.24		

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