

JALAPENO CHILI PEPPER PRODUCTION FOR FRESH MARKET
Cost Analysis Work Sheet - 1989

Prepared by Pedro Ilic, Fresno County Farm Advisor

Sample costs to produce Jalapeno Chili Peppers in Fresno County are based on 800, 10 lbs. boxes per acre. Field labor is \$4.50 per hour cost to the grower. A 70 hp diesel powered tractor per hour cash costs \$6.00. Grower has invested in various specialized pieces of equipment to lay mulch, build tunnels and fumigate. Peppers are planted on a single row 12" apart, 6' of distance between beds. This is considered to be a crop on a 80-acre farm, where raisin grapes and vegetables 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 (CH ₃ Br):				
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:	1000	\$1.25		
Box:	344	.43		
Packing:	200	.25		
Transportation:	160	.20		
Cold Storage:	80	.10		
TOTAL HARVEST COSTS	1784	\$2.23		
TOTAL CASH COSTS	\$4,050.80	\$5.06		

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	\$4,391.80 \$5.48

COSTS AT VARYING YIELDS:

COST	10 Lbs. Boxes				
	400	600	800	1000	1200
CASH COST	\$10.12	\$6.75	\$5.05	\$4.05	\$3.37
TOTAL COSTS	\$10.97	\$7.31	\$5.48	\$4.39	\$3.65

In accordance with applicable Federal laws and University policy, the University of California does not discriminate in any of its policies, procedures or practices on the basis of race, religion, color, national origin, sex, marital status, sexual orientation, age veteran status, medical condition, or handicap. Inquiries regarding this policy may be addressed to the Affirmative Action Director, University of California, Agriculture and Natural Resources, 300 Lakeside Drive, 6th Floor, Oakland CA 94612-3560 (415) 987-0097.