

## BELL PEPPERS

### Cost Analysis Work Sheet - 1983

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Sample cost to produce bell peppers in Fresno County are based on a yield of 800 - 30-lbs. boxes per acre. Field labor is \$4.00 per hour cost to the grower. Older 30 h.p. wheel gasoline tractor per hour cash cost \$4.40. Tillage equipment is assumed to be owned by the farmer and all equipment is already depreciated to a lower value. This is considered to be one crop on a 10-acre farm where several vegetable crops are produced.

PRE-HARVEST COSTS	SAMPLE COSTS		MY COSTS	
	per acre	per box	per acre	per box
Land Preparation: 2.5 hrs. labor & tractor	\$ 21.00			
Fumigation - custom	80.00			
Disc, form beds, 1 hr. labor - tractor	8.40			
Herbicide - application	11.00			
Preplant fertilizer, material	37.80			
Application - 1 hr. labor & tractor	8.40			
Transplants 14,520/acre at \$65/1000	943.00			
Machine planting - labor 69 men/hrs.	276.00			
Tractor 23 hrs.	101.00			
Irrigation - 13 times - 3 ac./ft. water	45.00			
13 hrs. labor	52.00			
Cultivation - 3 times 1 hr./acre	8.40			
Fertilization - 140 lbs. N 40¢ lb.	56.00			
3 hrs. labor	12.00			
Repairs	50.00			
Rent	125.00			
Pest control, materials	41.00			
Application	10.00			
Misc., labor, tractor, etc.	16.80			
Office, car, business expense 6%	214.00			
TOTAL PRE-HARVEST	\$3780.80	\$4.72		
<b>HARVEST COSTS:</b>				
Pick, haul, and pack total \$1.75 per carton.	\$1400.00			
TOTAL HARVEST COSTS	\$1400.00	\$1.75		
TOTAL CASH COSTS	\$5180.60	\$6.47		
<b>DEPRECIATION</b>				
Tractor-equipment-irrigation equipment for 10 years \$350.00 for 10 acres	\$ 35.00			
TOTAL DEPRECIATION	\$ 35.00	\$0.04		
<b>INTEREST ON INVESTMENT AT 12%</b>				
Tractor, equipment, irrigation equipment 1/2 costs of \$1750.00 for 10 acres	\$ 21.00			
TOTAL INTEREST ON INVESTMENT	21.00	\$0.02		
TOTAL COST OF PRODUCTION	\$5236.80	\$6.54		

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### SAMPLE COST PER BOX AT VARYING YIELDS\*

Yield:					
30 lb. boxes per acre	400	600	800	1000	1200
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Cash Costs:					
Per Box	\$11.20	\$8.05	\$6.47	\$5.53	\$4.90
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Total Costs:					
Per Box	\$11.33	\$8.16	\$6.54	\$5.59	\$5.95

\* In calculating the sample costs at varying yields, time to pick, haul, dump, sort, and pack are held constant.

Number of transplants 14,520 at a field spacing of 36" center to center. Two rows per bed - 12" X 24".

Fertilizer: 11-57-0, three 80 lb. bags, preplant incorporated; 21-0-0, nine 80 lb. bags sidedressed.

**NOTE:**

Cost of bell pepper plants vary according to suppliers; therefore, your cost may vary substantially depending where you buy your transplants.