

SAMPLE COSTS TO PRODUCE BELL PEPPERS
BY DIRECT SEEDING IN KERN COUNTY

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1970

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Based on a yield of 400 cartons weighting 30 lbs. each. Man labor at \$1.90 per hour total and equipment operator \$2.10, including Social Security and Workman's Compensation Insurance. Tractors: 80 h.p. tracklayer per hour cash costs \$3.20, depreciation \$1.80 and interest 72¢. 80 h.p. wheel tractor \$2.95, \$1.66 and 66¢. 50 h.p. wheel tractor \$1.40, 74¢ and 30¢.

	Sample Costs		My Costs	
	Per Acre	Per Carton	Per Acre	Per Carton
PRE-HARVEST CASH COSTS				
Disc 2X: 1 hr. 80 h.p. tracklayer	5.30			
Landplane 2X: ½ hr. 80 h.p. tracklayer	2.65			
Chisel 2X: 1 hr. 80 h.p. tracklayer	5.30			
Disc. 1X: ½ hr. 80 h.p. tracklayer	2.65			
Bed and apply fertilizer				
½ hr. 80 h.p. wheel tractor	2.53			
50 lbs. N. (dry material) at 12¢	6.00			
Pre-irrigate: 8" water at \$14.00 acre foot includes \$2.00 acre foot for booster	9.33			
Labor	2.50			
Harrow: ¼ hr. 50 h.p. tractor	.88			
Inc. herbicide, shape beds: custom rate	6.00			
Materials	12.50			
Plant and fertilize: seed, 3 lbs. at \$9.00	27.00			
1¼ hrs. per acre 50 h.p. tractor	4.38			
400 lbs. fertilizer at \$69.00 ton	13.80			
Irrigate 3X: total 15" water at \$14.00	17.50			
Labor	7.50			
Cultivate: ½ hr. 50 h.p. tractor	1.75			
Thin and weed: 20 hrs. labor	38.00			
Irrigate: 4" water at \$14.00 acre foot	4.67			
Labor	1.90			
Cultivate and fertilizer				
½ hr. 50 h.p. wheel tractor	1.75			
Fertilizer	31.82			
Weed: total 6½ hrs. labor	12.35			
Irrigate 6X: 2 ft. water at \$14.00	28.00			
6 hrs. labor	11.40			
Cultivate 1X: ¼ hr. 50 h.p. tractor	.88			
Pest Control: Materials	50.00			
Application	12.00			
Rent: (12 months)	65.00			
Repairs, except tractors and truck	10.00			
Misc. labor and materials, incl. 1 hr. 50 h.p. tractor	8.10			
Office, car, business costs, capital, etc.	24.94			
Supervision	10.00			
TOTAL PRE-HARVEST CASH COSTS	438.38	1.10		
HARVESTING COSTS				
Pick and pack: 35¢ carton	140.00			
Cartons: 37¢ each	148.00			
Waxing: 10¢ carton	40.00			
Haul: 9¢ cartons	36.00			

BELL PEPPERS (con't.)

Approximately 3 tons of peppers for processing may be harvested				
All costs except harvest are charged to the fresh market production. Harvest costs would be about \$22 per ton				
TOTAL HARVEST COSTS	364.00	.91		
TOTAL CASH COSTS	802.38	2.01		
<u>DEPRECIATION (tenant)</u>				
Buildings and equipment except truck and tractors: \$98.00 for 10 years	9.80			
80 h.p. tracklayer: 2 hrs. at \$1.80	3.60			
80 h.p. wheel tractor: ½ hr. at \$1.66	.83			
50 h.p. wheel tractor: 3-3/4 hrs. at 74¢	2.78			
TOTAL DEPRECIATION (tenant)	17.01	.04		
<u>INTEREST ON INVESTMENT AT 7% (tenant)</u>				
Buildings and equipment except truck and tractors: ½ cost \$49.00	3.43			
80 h.p. tracklayer: 2 hrs. at 72¢	1.44			
80 h.p. wheel tractor: ½ hr. at 66¢	.33			
50 h.p. wheel tractor: 3-3/4 hrs. at 30¢	1.13			
TOTAL INTEREST ON INVESTMENT (tenant)	6.33	.02		
TOTAL COST OF PRODUCTION (tenant)	825.72	2.07		

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

Yield: 30 lb. cartons per acre	350	400	450	500	550	600
Cash Costs only: per carton (tenant)	\$2.16	2.01	1.88	1.79	1.71	1.64
Total Costs (tenant)	\$2.23	2.07	1.93	1.84	1.75	1.68

SAMPLE COSTS PER CARTON AT THE INDICATED YIELDS WITH VARYING WATER COSTS

Yield: Cartons Per Acre	Total Cost per Carton of Bell Peppers at the Indicated Water Costs per Acre Foot					
	\$1.00	\$3.00	\$6.00	\$12.00	\$15.00	\$18.00
350	2.08	2.10	2.14	2.21	2.25	2.29
400	1.93	1.95	1.99	2.05	2.08	2.11
450	1.82	1.84	1.87	1.92	1.95	1.98
500	1.73	1.75	1.77	1.82	1.85	1.87
550	1.65	1.67	1.69	1.74	1.76	1.78
600	1.59	1.61	1.63	1.67	1.69	1.71