

BELL PEPPERS - TRANSPLANTED -1971

PP-VS-71

Cost Analysis Work Sheet

Sample Costs to produce Bell Peppers from transplants in Fresno County, based on a yield of 400 cartons weighing 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¢. 50 h.p. wheel diesel \$1.40, 74¢, and 30¢. 80 h.p. wheel tractor \$2.95, \$1.66 and 66¢.

	Sample Costs		My Costs	
	Per Acre	Per Carton	Per Acre	Per Carton
<u>Pre-harvest Cash Costs</u>				
Disc. 2X: 1 hr. man and tracklayer	5.30			
Landplane 2X: ½ hr. man and tracklayer	2.65			
Chisel 2X: 1 hr. man and tracklayer	5.30			
Disc. 1X: ½ hr. man and 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 \$12.00 ac. ft. including booster labor	8.00			
Harrow 1X: 1/4 hr. 50 h.p. - wheel tractor	.88			
Incorporate herbicide and shape beds				
Custom rate	6.00			
Materials	12.50			
Transplant:				
Plants: \$100/ac. to grow and pull	100.00			
Labor: 8 man hrs. per acre	15.20			
2 hrs. man and 50 h.p. tractor	7.00			
2 hrs. water truck and driver	7.20			
Cultivate 3X: and fertilize 1X:				
1½ hrs. 50 h.p. wheel tractor	5.25			
Fertilizer	45.00			
Irrigate 13X: water 3 ac. ft. at \$10.00	30.00			
13 hrs. labor	24.70			
Hoe weeds 2X:	13.30			
Pest control: materials	37.50			
Applications (air)	10.00			
Rent: (12 months)	65.00			
Repairs: except tractors and truck	8.00			
Misc, labor and materials, inc. 1 hr. 50 h.p. wheel tractor	8.10			
Office, car, business costs	26.43			
Supervision	10.00			
Total Pre-harvest Cash Costs	466.99	1.17		
<u>Harvesting Costs</u>				
Pick and pack 35¢ crate	140.00			
Carton 37¢ each	148.00			
Waxing 10¢ carton	40.00			
Haul 9¢ carton	36.00			
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 \$22.00 per ton.				
Total Harvesting Costs	364.00	.91		

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Total Cash Costs	830.99	2.08
<u>Depreciation</u>		
Building and equipment except truck and tractors: \$90.00 cost 10 yrs. life	9.00	
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 4 ¾ hrs. at 74¢	3.52	
Total Depreciation (tenant)	16.95	.04
<u>Interest on Investment at 7%</u>		
Buildings and equipment except truck and tractors: ½ cost \$45.00	3.15	
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: 4 ¾ hrs. at 30¢	1.42	
Total Interest on Investment (tenant)	6.34	.02
Total Cost of Production (tenant)	854.28	2.14

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

Yield: 30 lb. cartons per acre	350	400	450	500	550	600
Cash costs only: per carton	2.24	2.08	1.95	1.84	1.76	1.69
Total costs per carton	2.31	2.14	2.00	1.89	1.80	1.73

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 Cost Per Acre Foot					
	\$1.00	\$3.00	\$6.00	\$12.00	\$15.00	\$18.00
350	2.21	2.23	2.26	2.33	2.36	2.39
400	2.05	2.07	2.10	2.15	2.18	2.21
450	1.92	1.94	1.96	2.01	2.04	2.06
500	1.82	1.84	1.86	1.90	1.92	1.94
550	1.74	1.75	1.77	1.81	1.83	1.85
600	1.67	1.68	1.70	1.74	1.76	1.77