

**SAMPLE COSTS TO PRODUCE SMALL WHITE BEANS - SINGLE CROPPED
IN MONTEREY COUNTY - 1969 UC Cooperative Extension**

By H. Agamalian and E. A. Yeary

Per Cwt. Cleaned Basis	Sample Cost		My Cost	
	Per Acre	Per Cwt.	Per Acre	Per Cwt.
<u>Pre-Harvest Cash Costs</u>				
Land preparation: 2.4 hrs. man and crawler tractor	11.28			
Pre-plant irrigation: 3 hrs. labor	5.70			
6" water at \$4.75 ac. ft. power	2.38			
Planting: 2 man and wheel tractor at 1 hr. per acre	3.07			
Cultivate 4x: 2 hrs. man and wheel tractor	6.50			
Irrigate 5x: labor 12 hrs.	22.80			
Water: 2 ac. ft. at \$4.75	9.50			
Hoe and weed 2x: labor 4 1/2 hrs.	8.55			
Misc. labor and field power: including 1 hr. man and wheel tractor	7.05			
Pickup: 10 miles at 14¢	1.40			
Repairs: except tractors	6.25			
Office and business costs (6% of cash costs)	11.91			
Rent:	70.00			
Seed: 50 lbs. at \$17.00 cwt.	8.50			
Insecticide: annual average, custom	5.50			
Zinc spray: if need, would cost \$2.75 per acre custom application				
Chemical weed control: solid treatment				
Disc incorporated: custom basis	12.00			
County taxes: paid by tenant	18.00			
Total Pre-Harvest Cash Costs	210.39	9.57		
<u>Harvesting Costs</u>				
Cut and rake vines: 1 hr. man and wheel tractor	3.25			
Hand work on windrows: 3 hrs.	5.70			
Combine: custom basis, includes hauling 70¢ cwt. field run basis	14.40			
Cleaning: 8.00 ton, field weight	9.60			
Sacks: 22 at 29 1/2¢	6.49			
Storage: \$6.25 ton usually paid by buyer				
Total Harvesting Costs	39.44	1.79		
Total Cash Costs	249.83	11.36		
<u>Depreciation</u>				
Irrigation equipment: \$42.00 10 years	4.20			
Tractors: Crawler, 2.4 hrs. at \$1.70	4.08			
Wheel, 4 hrs. at 60¢	2.40			
Other equipment: \$84.00 10 years	8.40			
Total Depreciation (tenant)	15.40	.70		
<u>Interest on Investment at 7%</u>				
Irrigation Equipment: 1/2 cost \$21.00	1.47			
Tractors: crawler, 2.4 hrs. at 96¢	2.30			
Wheel, 4 hrs. at 30¢	1.20			
Other equipment: 1/2 cost \$24.00	1.68			
Total Interest on Tenant's Investment	6.65	.30		
Tenant's Total Cost of Production	271.96	12.36		

Sample Costs of Production at Varying Yields

Yield: Pounds per Acre	1800	2100	2400	2700	3000	3300
Cash Costs per Cwt.	\$13.57	11.83	10.52	9.51	8.70	8.03
Total Costs per Cwt.	\$14.80	12.88	11.44	10.33	9.43	8.70

Sample costs to produce small white beans, single cropped, on rented land. Costs are based on 2200 lbs. per acre of cleaned beans from a field run yield at 2400 lbs. Man labor at \$1.90 per hour total and equipment operator \$2.25, including all contributions and benefits furnished by the employer. 60 hp. crawler tractor per hour cash costs \$2.45, depreciation \$1.70 and interest \$.96. 30 hp. wheel tractor \$1.00, \$.60, and \$.30.