

GREEN FORDHOOK LIMA BEANS FOR FREEZING - SINGLE CROPPED - MONTEREY COUNTY

COST ANALYSIS WORK SHEET - 1975

By H. Agamalian and E. A. Yeary

	SAMPLE COSTS			
	Per Acre	Per Cwt	Per Acre	Per Cwt
PRE-HARVEST CASH COSTS				
Fumigation, if required: bed top-custom			36.00	
Land preparation: 3¼ hrs crawler tractor			35.26	
List and fertilize: custom			4.50	
Materials			30.00	
Pre-irrigate: 7" water at \$13.25 ac ft			7.73	
Sprinkler booster cost			1.45	
Labor: 2 hrs total			5.80	
Herbicide: custom, materials and application costs			15.15	
Plant: ½ hr - 2 men and wheel tractor			4.76	
Seed: 160 lbs at \$50.00 per cwt			80.00	
Cultivate 3x: 1 hr wheel tractor			6.62	
Irrigate 5x: 12 hrs labor			34.80	
Water: 2'5" at \$13.25			32.02	
Hoe and weed: 7 hrs labor			20.30	
Insecticides: custom; average 2 applications at \$7.65			15.30	
Pickup truck, 10 miles at 20¢			2.00	
Cover crop: ½ at \$16.00 per acre cost			8.00	
Rent 1/3 share + \$9.68 taxes minus 1/3 of fumigation & fertilizer = net rent			173.88	
Repairs: except tractors			15.00	
Personal property taxes - equipment			6.50	
Misc. labor, material, field power, etc. including ¼ hr wheel tractor			10.00	
Office, business costs, etc.			32.80	
Total Pre-harvest cash costs			577.87	14.45
Harvesting costs				
Cut and windrow vines				
¼ hr man and wheel tractor			1.66	
Other harvesting operations furnished by processor				
Total harvest costs (tenant)			1.66	.04
Total Cash Costs (tenant)			579.53	14.49
Depreciation (tenant)				
Tractors: crawler 3¼ hrs at \$3.12			10.14	
wheel 2 hrs at \$1.52			3.04	
Irrigation equipment \$150.00/Acre - 10 yrs			15.00	
Tillage, other equipment \$90.00/Acre - 10 yrs			9.00	
Total depreciation (tenant)			37.18	.93
Interest on investment at 8% (tenant)				
Tractors: crawler 3¼ hrs at \$2.34			7.61	
wheel 2 hrs at .76¢			1.52	
Irrigation equipment ½ cost \$75.00			6.00	
Tillage, other equipment ½ cost \$45.00			3.60	
Total interest on investment (tenant)			18.73	.47
Total cost of production (tenant)			635.44	15.89

Management has not been included as a cost of production. It may range in value to as much as 5% of the value of the crop.

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Based on a yield of 4000 lbs per acre
 Equipment Operator \$3.80 per hour total
 Other labor \$2.90
 Tractor: heavy crawler - total per hour cash costs, \$7.05
 Depreciation - \$3.12
 Interest - 2.34
 Medium Wheel Diesel Tractor - \$2.82, \$1.52, and .76¢

SAMPLE COSTS PER CWT AT VARYING YIELDS

Yield: pounds per acre	3000	3400	3800	4000	4200	4600	5000
Cash costs of production	\$17.59	\$16.13	\$14.99	\$14.49	\$13.89	\$13.27	\$12.63
Total costs of production	\$19.46	\$17.78	\$16.45	\$15.89	\$15.22	\$14.49	\$13.74