

2

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

COST ANALYSIS WORK SHEET - 1970

By H. Agamalian and E. A. Yeary

PRE-HARVEST CASH COSTS	SAMPLE COSTS		MY COSTS	
	Per Acre	Per Cwt	Per Acre	Per Cwt
Fumigation, if required: bed top-custom	26.60			
Land preparation: $3\frac{1}{4}$ hrs crawler tractor	19.34			
List and fertilize: custom	3.75			
Materials	20.00			
Pre-irrigate: 7" water at \$7.25 ac ft	5.83			
Sprinkler booster cost	1.17			
Labor: 2 hrs total	4.40			
Herbicide: custom; materials and application costs	12.00			
Plant: $\frac{1}{2}$ hr - 2 men and wheel tractor	3.35			
Seed: 160 lbs at \$23.86 per cwt	38.18			
Cultivate 3x: 1 hr wheel tractor	4.50			
Irrigate 5x: 12 hrs labor	26.40			
Water: 2 ac ft at \$7.25	14.50			
Hoe and weed: 7 hrs labor	15.40			
Insecticides: custom; average $1\frac{1}{2}$ applications at \$8.25	12.38			
Pickup truck, 10 miles at 14¢	1.40			
Cover crop: $\frac{1}{4}$ at \$10.00 per acre cost	2.50			
Rent $\frac{1}{3}$ share + \$7.68 taxes minus $\frac{1}{3}$ of fumigation & fertilizer = net rent	107.21			
Repairs: except tractors	9.75			
Personal property taxes - equipment	2.75			
Misc. labor, material, field power, etc. including $\frac{1}{4}$ hr wheel tractor	8.25			
Office, business costs, etc.*	20.38			
Total Pre-harvest cash costs	360.04	9.00		
Harvesting costs				
Cut and windrow vines				
$\frac{1}{4}$ hr man and wheel tractor	1.13			
Other harvesting operations furnished by processor				
Total harvest costs (tenant)	1.13	.03		
Total Cash Costs (tenant)	361.17	9.03		
Depreciation (tenant)				
Tractors: crawler $3\frac{1}{4}$ hrs at \$2.00	6.50			
wheel 2 hrs at \$1.20	2.40			
Irrigation equipment \$150.00/Acre - 10 yrs	15.00			
Tillage, other equipment \$62.00/Acre - 10 yrs	6.20			
Total depreciation (tenant)	30.10	.75		
Interest on investment at 7% (tenant)				
Tractors: crawler $3\frac{1}{4}$ hrs at \$1.14	3.70			
wheel 2 hrs at 70¢	1.40			
Irrigation equipment $\frac{1}{2}$ cost \$75.00	5.25			
Tillage, other equipment $\frac{1}{2}$ cost \$31.00	2.17			
Total interest on investment (tenant)	12.52	.31		
Total cost of production (tenant)	403.79	10.09		

*items such as farm organizational dues, typewriter, calculator, stationery, and interest on preplant and pre-harvest investments.

Based on a yield of 4000 lbs per acre

Equipment Operator \$2.75 per hour total

Other Labor \$2.20

Tractor: heavy crawler - total per hour cash costs, \$3.20

Depreciation - \$2.00

Interest - \$1.14

Medium Wheel Diesel Tractor - \$1.75, \$1.20, and \$0.70

SAMPLE COSTS PER CWT AT VARYING YIELDS

Yield: pounds per acre	3000	3400	3800	4000	4200	4600	5000
Cash costs of production	\$11.08	\$10.12	\$ 9.36	\$ 9.02	\$ 8.74	\$ 8.23	\$ 7.80
Total costs of production	\$12.50	\$11.37	\$10.48	\$10.08	\$ 9.75	\$ 9.15	\$ 8.65