

2

SAMPLE COSTS TO PRODUCE GREEN FORDHOOK LIMA BEANS IN MONTEREY COUNTY - 1981

BY S.D. MENDIVIL AND E.A. YEARY

Yield: Based on 4000 lbs/acre  
 Harvest: August - October  
 Plant: April - May

Total Labor Costs Per Hour <sup>1/</sup>

Cl I Tractor Driver	9.32
Cl II Tractor Driver	9.11
Irrigator	8.15
Other Labor	8.02

Hourly Tractor Costs

		Cash Costs	Depreciation	Interest
80 h.p. Crawler Diesel		14.51	6.33	4.75
60 h.p Wheel Diesel		6.35	2.25	1.69

Operation	Tractor Used	Hours/Acre	Labor	Fuel Repairs	Contract & Materials	Total/Acre
-----------	--------------	------------	-------	--------------	----------------------	------------

Cultural

Soil Fumigation					Contract @\$9.00/AC Materials @ \$31.88	40.88
Sub Soil 2x	C-80	1.24	11.30	21.63		32.93
Disc & Roll 3x	C-80	0.69	6.29	12.24		18.53
Chisel 2x	C-80	0.66	6.01	10.67		16.68
Level 2x	C-80	0.52	4.74	9.61		14.35
List & Preplant Fertilizer <sup>2/</sup>					Contract @\$8.00/AC 200# 12-12-12 @24.80	32.80
Pre-irrigation		2.0	16.30	2.00	7" water @\$36.00/ AC FT	39.30
Shape Beds & Roll Plant	WD60	0.5	4.56	3.68		8.24
	WD60	0.5	8.57	4.45	150# seed @\$0.52/lb	78.00
Herbicide <sup>3/</sup>					Contract: preplant @\$9.50/AC/appli Materials \$38.27	47.77
Irrigation 5x		12.0	97.80	10.00	2.5 AC FT @\$36.00/ AC FT \$4.00 for booster pump	201.80
Insecticide Applications 2x					Contract @\$8.25/AC/ appli Materials \$12.50	20.75
Cultivations 3x	WD60	1.0	9.11	6.35		15.46
Hoe & Weed		7.0	56.14			56.14
Miscellaneous		3.0	25.21	5.00		30.21

CULTURAL AND MATERIALS COST 653.84

Overhead	Business Costs: Office & Business Expense, etc. 15% of Cultural Costs	98.08
	Taxes: Equipment, except tractors	5.00
	Rent: \$50.00/AC	450.00

OVERHEAD COSTS 553.08

Harvest	Cut and windrow vines - .75 hr. man & wheel tractor (WD60) Other harvesting operations furnished by processor	11.60
---------	--	-------

Harvest Costs 11.60

TOTAL CULTURAL OVERHEAD AND HARVEST COSTS 1218.52

- 1/ Labor costs per hour include Social Security, Workman's Compensation, unemployment, health plan, vacation plan, and holidays.
- 2/ Preplant fertilizer may or may not be necessary depending on crop history, soil type, etc.
- 3/ For materials, rates and application, contact a Pest Control Advisor or your local Agricultural Extension Office.

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

Yield: pounds per acre	3000	3400	3800	4000	4200	4600	5000
Cultural & Overhead Costs	1206.92	1206.92	1206.92	1206.92	1206.92	1206.92	1206.92
Harvest Costs	11.60	11.60	11.60	11.60	11.60	11.60	11.60
Annual Costs	147.31	147.31	147.31	147.31	147.31	147.31	147.31
Total Cost Per Acre	1365.83	1365.83	1365.83	1365.83	1365.83	1365.83	1365.83
Cost per Cwt	45.53	40.17	35.94	34.15	32.51	29.69	27.31