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SAMPLE COSTS TO PRODUCE LARGE LIMA BEANS IN MONTEREY COUNTY - 1981
by S. O. Mendivil and E. A. Yeary

Yield: Based on 2,100 lbs/acre--cleaned^{1/}
Harvest: August - October
Plant: April - May

Total Labor Costs/Hr ^{2/}	Hourly Tractor Costs		
	Cash Costs	Depreciation	Interest
Cl. I Tractor Driver 9.32			
Cl. II Tractor Driver 9.11	80 H.P. Crawler Diesel 14.51	6.33	4.75
Irrigator 8.15	60 H.P. Wheel Diesel 6.35	2.25	1.69
Other Labor 8.02			

Operation	Tractor Used	Hours/Acre	Labor	Fuel & Repairs	Contract & Materials	Total/Acre
CULTURAL						
Soil Fumigation					Contract @ \$9.00/ac, Materials @ \$31.88	40.88
Subsoil 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 ^{3/}					Contract @ 8.00/ac 275# 10-20-10 @ \$38.23	46.23
Pre-irrigation		2.0	16.30	2.00	7" water @ 36.00/ac.ft.	39.30
Shape Beds & Roll	WD-60	0.5	4.56	3.68		8.24
Plant	WD-60	0.5	8.57	4.45	140 lbs seed @ \$49/Cwt.	68.60
Herbicide ^{4/}					Contract: preplant @ 9.50/ac/appli., Materials @ 38.27	47.77
Irrigation 5x		12.0	97.80	10.00	2 ac.ft. @ 36.00/ac.ft., 4.00 for booster pump	183.80
Insecticide Applications 2x					Contract @ 8.25/ac/appl. Materials @ 12.50	20.75
Cultivations 3x	WD-60	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 & MATERIALS COST						639.87

OVERHEAD		
Business Costs: Office & Business Expense, etc. 15% of Cultural Costs		95.98
Taxes: Equipment, Except Tractors		5.00
Rent: \$450.00/ac		450.00
OVERHEAD COSTS		550.98

HARVEST	
Cut and Rake Vines: 1.5 hours man and wheel tractor (WD-60)	23.42
Handwork on Windrows: 2.5 hours	20.05
Combine: custom basis, includes hauling \$1.85 cwt. field run basis	46.25
Cleaning: 30.00 ton field weight	37.50
Sacks: 42-50 lb. sacks @ 0.55 each	23.10
HARVEST COST	150.32
TOTAL CULTURAL, OVERHEAD AND HARVEST COSTS	1341.17

ANNUAL COSTS:	Investment	Per Acre	Depreciation	Interest-15%
	Buildings	60.00	6.00	4.50
	Irrigation System	300.00	30.00	22.50
	Tractors	205.00	26.44	19.84
	Equipment	200.00	20.00	15.00
		<u>765.00</u>	<u>82.44</u>	<u>61.84</u>
Total Annual Costs:				144.28
TOTAL COST PER ACRE				1485.45
COST PER CWT.				70.74

Management has not been included as a cost of production in this study.

LARGE LIMA BEANS - 1981

- 1/ Based on a field run yield of 2,500 lbs.
- 2/ Labor costs per hour include social security, workmen's compensation, unemployment, health plan, vacation plan, and paid holidays.
- 3/ Preplant fertilizer may or may not be necessary depending on crop history, soil type, etc.
- 4/ For materials, rates and application, contact a Pest Control Advisor or your local Agricultural Extension office.

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS
ON FIELD RUN BASIS

YIELD: lbs/ac field run basis	1500	1800	2100	2400	2700	3000
Cultural and Overhead Costs	1190.85	1190.85	1190.85	1190.85	1190.85	1190.85
Harvest Costs	57.18	68.55	79.70	91.40	102.55	114.25
Annual Costs	144.28	144.28	144.28	144.28	144.28	144.28
Total Cost Per Acre	1392.31	1403.68	1414.83	1426.53	1437.68	1449.38
Cost Per Cwt.	92.82	77.98	67.37	59.44	53.25	48.31