

UNIVERSITY OF CALIFORNIA  
COOPERATIVE EXTENSION

TYPICAL COSTS OF GROWING GREEN LIMA BEANS

On Rented Land

Stanislaus County, 1984

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and

Ed Yeary, Area Farm Management Specialist

Production Data:

Based on a yield of 3,500 lbs. per acre; Labor: Irrigator \$5.00/hr; equipment operator \$6.50/hr.; common labor \$4.90/hr. including fringe benefits. 90 H.P. W.D. cash costs \$11.50/hr.; depr. \$3.00; interest \$2.25 - 60 H.P. W.D. cash costs \$8.00; depr. \$1.90; interest \$1.40. Used crawler diesel 60 H.P. @ \$12.00; depr. \$3.75; interest \$2.80

OPERATION	HOURS PER ACRE	CASH AND LABOR COST PER ACRE					TOTALS
		LABOR	FUEL & REPAIRS	MATERIALS		COST	
				KIND	QUANTITY		
<u>Cultural Costs:</u>							
Disc 2x	1.0	\$ 6.50	\$11.50				\$ 18.00
Subsoil 2x	1.0	6.50	12.00				18.50
Landplane	.5	3.25	6.00				9.25
Springtooth 2x	.5	3.25	4.00				7.25
Herbicide				Materials		\$ 8.00	8.00
Listing	.5	3.25	5.75				9.00
Ditching 2x	.25	1.62	3.00				4.62
Pre-irrigate	1.5	7.50		Water: 1 ac. ft. @ \$16.00		16.00	23.50
Close ditches & clean borders 3x	.5	3.25	5.75				9.00
Harrow 2x	.5	3.25	4.00				7.25
Planting	.25	1.62	2.00				3.62
Seed & treatment				90 lbs. @ .47¢		42.30	42.30
Cultivation 3x	1.0	6.50	11.50				18.00
Irrigate	3.0	15.00		Water: 2 ac. ft. @ \$16.00		32.00	47.00
Insect control 3x (contract)				Materials \$60.00 Application \$15.00		75.00	75.00
Cut beans	.25	1.63	2.00				3.63
Repairs, except tractors						20.00	20.00
Interest on operating capital 15%						24.30	24.30
<u>Total Cultural Costs</u>		<u>\$63.12</u>	<u>\$67.50</u>			<u>\$217.50</u>	<u>\$348.22</u>

Harvest Costs

Processor harvests &  
hauls crop

No Cost to Grower

Cash Overhead

Misc. office, etc. 3% of cash

\$ 10.45

Taxes

4.50

Rent (1/3 share) 18 $\frac{1}{2}$ ¢/lb.

215.83

Total Cash Overhead Costs

\$230.78

TOTAL CASH COSTS

TOTALS  
\$579.00

<u>Investment</u>	<u>Per Acre</u>	<u>Annual Costs</u>	
		<u>Depreciation</u>	<u>Interest 15%</u>
Equipment	\$100.00	\$10.00	\$30.00
Tractors: 90 H.P. W.D. - 1.5 hrs.		4.50	3.38
60 H.P. W.D. - 3.0 hrs.		5.70	4.20
60 H.P. C.D. - 2.25 hrs.		<u>8.44</u>	<u>6.30</u>
<u>Total</u>		\$58.64	\$43.88
Total Investment			\$102.52
TOTAL COST PER ACRE (Cost to tenant, includes rent)			\$681.52
Cost per cwt	@ 35 cwt yield		\$ 19.47

Weed control costs could be from \$20 to \$30, depending upon the problems encountered.



	<u>TOTALS</u>
<u>Total Cash, Labor &amp; Depreciation</u>	<u>\$675.03</u>
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Interest on Investment @ 15%, <u>Land 13%</u>	
Land @ \$6,000	780.00
Irrigation system: on $\frac{1}{2}$ of \$300 cost	22.50
Buildings: $\frac{1}{2}$ cost of \$20	3.00
Tractors	13.35
Equipment: $\frac{1}{2}$ cost of \$400	30.00
<u>Total Interest</u>	<u>\$848.85</u>
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TOTAL COST PER ACRE	\$1523.88
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Cost per cwt.	\$ 54.43
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\*Weed control costs will be substantially higher with hard to control weeds such as nutsedge, nightshade and field bindweed (\$15.00-\$30.00)

\*\*Harvesting costs are shown on a custom basis. Most growers own their own machines and may do the job cheaper.

\*\*\*Irrigation facilities may vary from almost nothing to over \$500/A. Irrigation costs will vary considerably, depending on the soil, facilities and source of water.



	<u>TOTALS</u>
<u>Total Cash, Labor &amp; Depreciation</u>	<u>\$783.20</u>
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Interest on Investment @ 15%;	
<u>Land 13%</u>	
Land @ \$6,000	780.00
Irrigation system: on $\frac{1}{2}$ of \$300 cost	22.50
Buildings: $\frac{1}{2}$ cost of \$20	3.00
Tractors	13.35
Equipment: $\frac{1}{2}$ cost of \$400	30.00
<u>Total Interest</u>	<u>\$848.85</u>
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TOTAL COST PER ACRE	\$1632.05
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Cost per cwt.	\$ 65.28
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