

\$91.61 per acre, CASH COSTS, to grow

# CASTOR BEANS

in the  
**ANTELOPE VALLEY**  
of  
Los Angeles County



NOTICE: This does not include the cost of using the land.  
(Interest on investment and ~~taxes~~ *taxes or rent*)

EXPENSES	PER ACRE	
	1951	YOURS
<b>LAND PREPARATION Labor &amp; Material</b>		
Plowing	5.00	
Discing (twice)	2.50	
Floating (twice)	2.00	
<b>CULTURAL Labor &amp; Field Power</b>		
Planting	3.50	
Cultivating (two times)	3.50	
Irrigation (five times)	3.00	
Miscellaneous	1.00	
<b>MATERIALS</b>		
Water (three acre feet)	18.00	
Seed	3.75	
Fertilizer	6.00	
<b>HARVESTING</b>		
Combining and hulling	25.00	
Hauling to Los Angeles	9.00	
<b>CASH OVERHEAD</b>		
General expense	4.11	
Repairs	2.00	
Insurance	1.25	
<b>DEPRECIATION</b>	2.00	
<b>INTEREST &amp; TAXES or RENT</b>		
<b>Prepared by Lloyd Peterson</b> Farm Advisor Los Angeles Co.	<b>TOTAL</b>	<b>91.61</b>

Orange Co. 1952

LARGE LIMA BEANS

Agricultural Extension Service  
University of California

W. M. Cory - A. H. Holland  
Farm Advisors - Orange County

ESTIMATED AVERAGE INPUTS OF LABOR AND COSTS PER POUND ON IRRIGATED LAND

Labor	Man labor hrs. per acre	Cost man labor hrs. per acre	Truck & tractor hrs. per acre	Cost field power per acre	Total costs per acre	Cost per cwt.
<u>Preplanting</u>						
Discing	.3 at \$1.25	\$ .38	.3 at \$2.25	\$ .68	\$ 1.06	
Leveling	.2 " "	.25	.2 " "	.45	.70	
Plowing & sub-soiling	1.5 " "	1.88	1.5 " "	3.38	5.26	
Harrowing - 2 times	.3 " "	.38	.3 " "	.68	1.06	
Furrowing out 60%	.2 " "	.25	.2 " "	.45	.70	
Irrigating	3.0 " "	3.75	- - -	- -	3.75	
Springtoothing	.3 " "	.38	.3 " "	.68	1.06	
Swede harrowing	.3 " "	.38	.3 " "	.68	1.06	
Chiseling - 2 times	1.2 " "	1.50	1.2 " "	2.70	4.20	
Cyclone	.3 " "	.38	.3 " "	.68	1.06	
Swede harrowing	.3 " "	.38	.3 " "	.68	1.06	
Miscellaneous	2.0 " "	2.50	1.0 " "	2.25	4.75	
Sub-Total	9.9	\$ 12.41	5.9	\$ 13.31	\$ 25.72	\$ 1.32
<u>Planting</u>						
Planting & cultivating	1.5 at \$1.00	\$ 1.50	1.5 at \$1.00	\$ 1.50	\$ 3.00	
Cultivating - 3 times	1.5 " "	1.50	1.5 " "	1.50	3.00	
Hoeing	4.0 " .85	3.40	- - -	- -	3.40	
Miscellaneous	1.0 " 1.00	1.00	- - -	- -	1.00	
Sub-Total	8.0	\$ 7.40	3.0	\$ 3.00	\$ 10.40	\$ .53
<u>Harvesting &amp; cutting</u>						
Cutting	.3 at \$1.25	\$ .38	.3 at \$1.00	\$ .33	\$ .71	
Windrowing	.3 " "	.38	.3 " "	.33	.71	
Threshing (contract)	(2000# per acre at \$.60 per cwt.)				12.00	
Hauling (contract)	(2000# per acre at \$.01 per cwt.)				.20	
Miscellaneous	1.0 at \$1.00	\$ 1.00	- - -	- -	1.00	
Sub-Total	1.6	\$ 1.76	.6	\$ .66	\$ 14.62	\$ .75
Total - Harvesting & Cultivating					\$ 50.74	\$ 2.60

	<u>Harvesting &amp; Cultivating</u>	\$ 50.74
<u>Materials</u>		
Irrigation water (12 acre inches)	\$ 7.50	
Fertilizer - Bean straw	16.00	
Seed (100 lbs.)	11.00	
Miscellaneous	1.00	
Total - Material Costs		35.50
Total - Labor & Material Costs		\$ 86.24
<u>Overhead, etc.</u>		
Cash overhead 5% of labor & material	\$ 4.26	
General expenses - Taxes, interest & depreciation, on equipment	5.00	
Repairs, etc.	5.00	
Total - Cash Overhead		\$ 14.26
	<u>Total - Labor &amp; Cash Costs</u>	\$ 100.50

I N C O M E

<u>Renter</u>	(2000# Bean straw	\$ 16.00	
<u>Operator</u>	(1950# Beacn at \$.11 per lb.	214.50	
	( 50# Cull beans at \$.015 per lb.	.75	
	Total Income	\$ 231.25	
	40% of returns to owner	92.50	
	Income - Renter Operator	\$ 138.75	\$ 138.75
	<u>NET INCOME</u> - Renter Operator		\$ 38.25
<u>Owner</u>			
<u>Operator</u>	(Interest on investment 5% on \$1500	\$ 75.00	
	(Taxes on land	10.00	
	(Labor, material & cash costs	100.00	
	Total production costs to owner operator	\$ 185.50	\$ 185.50
	Returns to owner operator		\$ 231.25
	<u>NET INCOME</u> - Owner Operator		\$ 45.75