

TITLE: COSTS OF PRODUCING LIMA BEANS
IN VENTURA COUNTY
2000 LBS/ACRE YIELD

BE-SC-79

Lima Beans #232

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
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1. GROSS RECEIPTS FROM PRODUCTION:				\$	
DRY BEANS-G LIMA	CWT.	35.000	20.000	700.00	
TOTAL RECEIPTS:				\$	700.00
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2. VARIABLE COSTS:					
PREHARVEST:				\$	\$
HERBICIDE	ACRE	4.200	1.000	4.20	
NEMATODE CONTROL	GAL.	6.100	2.000	12.20	
LIMA BEAN SEED	LBS.	0.600	80.000	48.00	
IRRIG DIST WATER	ACIN	0.750	36.000	27.00	
INSECTICIDE	OZ.	1.200	32.000	38.40	
AERIAL SPRAYING	ACRE	3.500	4.000	14.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			15.35	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			5.69	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.89	
IRRIGATION (LUBE-REPAIRS)	ACRE			1.76	
IRRIGATION WATER APPLIED	ACIN	0.049	36.000		
MACHINERY LABOR	HOOR	5.100	2.287	11.66	
IRRIGATION LABOR	HOOR	4.250	10.500	44.63	
INTEREST ON OPERATING CAP.	DOL.	0.086	60.433	5.14	
TOTAL PREHARVEST COSTS:				\$	228.91
PREHARVEST COST PER LBS.				\$	0.11
HARVEST:				\$	\$
SEED CLEANING	CWT.	1.700	20.000	34.00	
BAGS, TAGS, ETC	CWT.	0.420	20.000	8.40	
STORAGE	CWT.	0.350	20.000	7.00	
HARVEST LABOR	HOOR	3.000	3.000	9.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			1.62	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			0.44	
MACHINERY LABOR	HOOR	5.100	0.392	2.60	
INTEREST ON OPERATING CAP.	DOL.	0.086	52.049	4.49	
TOTAL HARVEST COSTS:				\$	66.95
HARVEST COST PER LBS.				\$	0.03
TOTAL VARIABLE COSTS:				\$	295.86
VARIABLE COST PER LBS.				\$	0.15
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3. INCOME ABOVE VARIABLE COSTS:				\$	404.14
INCOME PER LBS.				\$	0.20
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4. CASH OVERHEAD:				\$	
REAL PROPERTY TAXES:					25.00
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)					7.40
TOTAL CASH OVERHEAD:				\$	32.40
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5. INCOME ABOVE ALL CASH COSTS:				\$	371.74
INCOME PER LBS.				\$	0.19
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6. OWNERSHIP COSTS:				\$	
DEPRECIATION:					\$
MACHINERY & EQUIPMENT	ACRE			9.74	
IRRIGATION SYSTEM	ACRE			9.70	
BUILDINGS	ACRE			4.53	
TOTAL DEPRECIATION:				\$	23.97
CAPITAL & INTEREST:				\$	
MACHINERY & EQUIPMENT		0.086	88.429	7.63	
IRRIGATION SYSTEM		0.086	89.187	7.70	
BUILDINGS		0.086	89.125	7.69	
LAND		0.083	1800.000	148.50	
TOTAL INTEREST CHARGE:				\$	171.52
TOTAL FIXED COSTS:				\$	195.49
FIXED COST PER LBS.					0.10
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7. TOTAL OF ABOVE COSTS:				\$	523.75
TOTAL COST PER LBS.					0.26
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8. NET RETURNS:				\$	176.25
NET RETURNS PER LBS.					0.09

FURROW IRRIGATION
150 ACRES PLANTED

06/30/78

BUDGET IDENTIFICATION NUMBER 2665600610 362 1
DATE PRINTED: 03/20/79

BUDGET RECORD NUMBER 232
HARVEST MONTH: 6

CATEGORY	UNIT	MONTHLY SUMMARY OF RECEIPTS AND EXPENSES												TOTAL	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
TOTAL RECEIPTS	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	700.00
OPERATING EXPENSES															
HERBICIDE	\$/AC	0.00	0.00	0.00	4.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.20
NEMATODE CONTROL	\$/AC	0.00	0.00	0.00	12.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.20
LIMA BEAN SEED	\$/AC	0.00	0.00	0.00	48.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.00
IRRIG DIST WATER	\$/AC	0.00	0.00	0.00	4.30	7.50	7.50	7.50	7.50	0.00	0.00	0.00	0.00	0.00	27.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	9.60	19.20	9.60	0.00	0.00	0.00	0.00	0.00	0.00	38.40
AERIAL SPRAYING	\$/AC	0.00	0.00	0.00	0.00	3.50	7.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	14.00
SEED CLEANING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.00	0.00	0.00	0.00	0.00	0.00	34.00
BAGS, TAGS, ETC	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.40	0.00	0.00	0.00	0.00	0.00	8.40
STORAGE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00	7.00
HARVEST LABOR	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00	0.00	0.00	0.00	0.00	0.00	9.00
MACHINE LABOR COST	\$/AC	0.00	0.00	2.02	4.54	0.11	0.11	0.11	2.11	0.00	4.66	0.00	0.00	0.00	13.66
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	0.14	1.21	0.24	0.01	2.69	4.51	0.00	0.84	0.00	0.00	0.00	9.63
TRACTOR COST	\$/AC	0.00	0.00	2.20	4.64	0.00	0.00	0.00	1.62	0.00	8.51	0.00	0.00	0.00	16.97
EQUIPMENT COST	\$/AC	0.00	0.00	1.99	1.82	0.07	0.07	0.07	0.51	0.00	1.61	0.00	0.00	0.00	6.13
BLDG OPER. COST	\$/AC	0.00	0.00	0.13	0.13	0.13	0.13	0.13	0.13	0.00	0.13	0.00	0.00	0.00	0.89
IRRIGATION COST	\$/AC	0.00	0.00	0.00	0.29	0.49	0.49	0.49	0.00	0.00	0.00	0.00	0.00	0.00	1.76
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	6.38	12.75	12.75	12.75	0.00	0.00	0.00	0.00	0.00	0.00	44.63
TOTAL EXPENSES	\$/AC	0.00	0.00	6.48	87.90	34.39	47.25	36.83	67.27	0.00	15.75	0.00	0.00	0.00	295.86

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.00	0.00	0.40	0.89	0.02	0.02	0.02	0.41	0.00	0.91	0.00	0.00	2.68
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	1.50	3.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	10.50
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	6.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	36.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANNUAL HOURS USED	FIXED COST PER ACRE				VARIABLE COST PER ACRE				HRS PER ACRE
						DEPR.	INTER.	TAX & INS	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 30 HP	1	30.0	6900.	12.	1000.	0.02	0.02	0.00	0.04	0.04	0.01	0.03	0.08	0.040
TRACTOR 75 HP	4	75.0	14500.	12.	1000.	0.16	0.14	0.03	0.34	0.30	0.05	0.32	0.66	0.181
TRACTOR 90 HP	5	90.0	23000.	12.	1000.	0.46	0.40	0.08	0.94	0.64	0.10	0.88	1.62	0.320
TRACTOR 120 HP	7	120.0	30000.	12.	1000.	1.73	1.49	0.31	3.53	2.44	0.37	3.32	6.13	0.922
TRACT 4WD 175HP	8	135.0	52000.	12.	1000.	2.65	2.29	0.48	5.42	3.68	0.55	4.25	8.48	0.817
TRUCK 2 TON	13	2.0	15000.	4.	1400.	0.06	0.02	0.00	0.08	0.12	0.02	0.09	0.23	0.633
PICKUP 1/2 T	14	0.5	7500.	3.	1350.	0.12	0.04	0.01	0.16	0.25	0.04	0.11	0.40	0.109
SUBSOILER	46	10.0	5000.	10.	250.	0.82	0.51	0.11	1.44	0.00	0.03	1.33	1.36	0.500
DISC OFFSET HDY	63	21.0	9300.	15.	110.	1.52	1.19	0.28	2.99	0.00	0.04	1.88	1.92	0.298
FERT. SPREADER	69	12.0	3770.	15.	100.	0.60	0.46	0.11	1.17	0.00	0.01	0.63	0.65	0.260
LANDPLANE 12X45	85	12.0	7100.	7.	340.	0.54	0.27	0.06	0.87	0.00	0.00	0.25	0.25	0.243
SPRAYER PTO	93	35.0	1700.	14.	180.	0.10	0.07	0.02	0.19	0.00	0.00	0.11	0.12	0.165
PLANTER BROW	110	20.0	4600.	15.	100.	0.78	0.61	0.14	1.53	0.00	0.02	0.96	0.98	0.280
BEANCUTTER 4ROW	116	10.0	1600.	9.	270.	0.15	0.09	0.02	0.26	0.00	0.00	0.21	0.21	0.291
FURROW IRRIG SYS*	132	2.0	38250.	10.	5000.	9.70	7.70	1.55	18.95	0.00	0.03	1.73	1.76	18.000
IMPL CARRIER	150	5.0	3500.	15.	200.	0.04	0.03	0.01	0.08	0.00	0.00	0.01	0.02	0.037
FARM SHOP	2		12240.	35.		2.10	3.87	0.92	6.89	0.02	0.03	0.03	0.08	
SHOP TOOLS&EQUIP	4		3570.	15.		1.11	1.34	0.27	2.71	0.00		0.03	0.03	
STORAGE SHED	8		7650.	35.		1.31	2.42	0.57	4.31	0.00		0.01	0.01	
FUELTANK 550 GAL	18		136.	30.		0.01	0.06	0.01	0.08	0.00		0.00	0.00	

TOTAL INVESTMENT OR COST 247316.
 MACHINERY & EQUIPMENT 1649.
 INVESTMENT PER ACRE

23.97 23.02 4.99 51.98 8.29 1.26 16.19 25.74

FURROW IRRIGATION
 150 ACRES PLANTED

UC Cooperative Extension

06/30/78

BUDGET IDENTIFICATION NUMBER 2665600610 362 1
 HARVEST OR SALE MONTH 6

BUDGET RECORD NUMBER 232

COSTS OF PRODUCING LIMA BEANS
 IN VENTURA COUNTY
 2000 LBS/ACRE YIELD

COSTS AND RETURNS WILL BE
 DIVIDED BY 2000.0 LBS.
 TO OBTAIN PER LBS. COSTS

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
PRODUCTION	NUMBER OF UNITS																	
1 DRY BEANS-6 LIMA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	35.000	0.000	16.	13.	2.	0.
OPERATING INPUTS	RATE/UNIT																	
													PRICE	SHARE	UNIT	ITEM	TYPE	HARV
														RENT	CODE	CODE		CODE
6 HERBICIDE	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.200	0.000	7.	250.	3.	0.
7 NEMATODE CONTROL	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.100	0.000	5.	260.	3.	0.
8 LIMA BEAN SEED	0.00	0.00	0.00	80.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.600	0.000	12.	113.	3.	0.
9 IRRIG DIST WATER	0.00	0.00	0.00	6.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	0.750	0.000	11.	323.	3.	0.
10 INSECTICIDE	0.00	0.00	0.00	0.00	8.00	16.00	8.00	0.00	0.00	0.00	0.00	0.00	1.200	0.000	17.	240.	3.	0.
11 AERIAL SPRAYING	0.00	0.00	0.00	0.00	1.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	3.500	0.000	7.	370.	3.	0.
12 SEED CLEANING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	1.700	0.000	16.	396.	3.	9.
13 BAGS, TAGS, ETC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.420	0.000	16.	381.	3.	9.
14 STORAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.350	0.000	16.	430.	3.	9.
15 HARVEST LABOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	3.000	0.000	8.	333.	3.	9.
MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												M CREW		POWER	MACH	TYPE	HARV
													LABOR	UNIT	CODE			
26 SUBSOILER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.000	0.000	8.	46.	4.	0.
27 LANDPLANE 12X45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.000	0.000	8.	85.	4.	0.
28 DISC OFFSET HDY	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	7.	63.	4.	0.
29 PLANTER BROW	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	7.	110.	4.	0.
30 FERT. SPREADER	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	7.	69.	4.	0.
31 SPRAYER PTO	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	93.	4.	0.
32 IMPL CARRIER	0.00	0.00	0.30	0.30	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.000	0.000	1.	150.	4.	0.
33 PICKUP 1/2 T	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.000	0.000	0.	14.	4.	0.
34 BEANCUTTER 4ROW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.000	0.000	5.	116.	4.	9.
35 TRUCK 2 TON	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.000	0.000	0.	13.	4.	9.
													SHARE	SHARE	POWER	SYSM		
													FIXED %	VAR %	UNIT	CODE	LIFT	
49 ACIN IRRIG WATER	0.00	0.00	0.00	6.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.	132.		0.
50 NO. TIMES IRRIG	0.00	0.00	0.00	1.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00						

EQUIPMENT REQUIREMENTS

	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
51 FARM SHOP	1.000	0.340	0.	2.	5.	0.
52 SHOP TOOLS&EQUIP	1.000	0.340	0.	4.	5.	0.
53 STORAGE SHED	1.000	0.340	0.	8.	5.	0.
54 FUEL TANK 550 GAL	1.000	0.340	0.	18.	5.	0.

LAND REQUIREMENTS	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE COST/ACRE
71	1.	150.00	1800.00	25.00	0.0 0.00

FURROW IRRIGATION
 150 ACRES PLANTED

MACHINERY COMPLEMENT 3
 EQUIPMENT COMPLEMENT 1

06/30/78

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

NO COMPLEMENT CHANGES HAVE BEEN STORED WITH THIS BUDGET

UC Cooperative Extension