

beans #111
4151-7

TITLE: COSTS TO PRODUCE DRY LARGE LIMA BEANS
STANISLAUS COUNTY --- 1977
LANDOMNER BASIS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST

1. GROSS RECEIPTS FROM PRODUCTION:				\$	
DRY BEANS-G LIMA	CWT,	35.000	20,000	700.00	
TOTAL RECEIPTS:				\$	700.00

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			15.40	
EQUIPMENT (FUEL=LUBE=REPAIRS)	ACRE			4.37	
BUILDINGS (FUEL=LUBE=REPAIRS)	ACRE			0.89	
IRRIGATION (LUBE=REPAIRS)	ACRE			3.11	
IRRIGATION WATER APPLIED	ACIN	0.086	36,000		
MACHINERY LABOR	HOURL	4.600	3,838	17.66	
IRRIGATION LABOR	HOURL	3.800	7,700	29.26	
INTEREST ON OPERATING CAP.	DOL.	0.080	57.943	4.64	
TOTAL PREHARVEST COSTS:				\$	219.12
PREHARVEST COST PER CWT.				\$	10.96

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	HOURL	3.000	3,000	9.00	
TRACTOR (FUEL=LUBE=REPAIRS)	ACRE			1.14	
EQUIPMENT (FUEL=LUBE=REPAIRS)	ACRE			0.40	
MACHINERY LABOR	HOURL	4.600	0.442	2.03	
INTEREST ON OPERATING CAP.	DOL.	0.080	51.644	4.13	
TOTAL HARVEST COSTS:				\$	66.10
HARVEST COST PER CWT.				\$	3.31

TOTAL VARIABLE COSTS:				\$	285.23
VARIABLE COST PER CWT.				\$	14.26

3. INCOME ABOVE VARIABLE COSTS:				\$	414.77
INCOME PER CWT.				\$	20.74

4. CASH OVERHEAD: (PROPERTY TAX & INSURANCE				\$	
+ 5.0% OF TOTAL VARIABLE COSTS)					22.44
LAND TAXES:					25.00
BUILDINGS:					3.82
TOTAL CASH OVERHEAD:				\$	51.26

5. OWNERSHIP COSTS:				\$	
DEPRECIATION:				\$	
MACHINERY & EQUIPMENT	ACRE				21.93
IRRIGATION SYSTEM	ACRE				5.71
BUILDINGS:	ACRE				5.00
TOTAL DEPRECIATION:				\$	32.64
CAPITAL & INTEREST:				\$	
MACHINERY & EQUIPMENT		0.080	177,821	14.23	
IRRIGATION SYSTEM		0.080	52,463	4.20	
BUILDINGS:		0.080	99,572	7.97	
TOTAL INTEREST CHARGE:				\$	26.39
TOTAL FIXED COSTS:				\$	102.32
FIXED COST PER CWT.				\$	5.12

NET INCOME ABOVE FIXED & VARIABLE COSTS:				\$	312.45
NET INCOME PER CWT.				\$	15.62

6. MANAGEMENT CHARGE (5.0% OF GROSS RECEIPTS)				\$	35.00

7. LAND CHARGE (\$ 1800.00 @ 9.0%):				\$	162.00

8. TOTAL OF ABOVE COSTS :				\$	584.55
TOTAL COST PER CWT.				\$	29.23

9. NET RETURNS:				\$	115.45
NET RETURNS PER CWT.				\$	5.77

FOOTNOTE: 150 ACRES SINGLE CROPPED BEANS FURROW IRRIGATED DISTRICT WATER @
YIELD OF 2000 LBS PER ACRE CLASS II SOILS (SCS) \$9 PER ACRE FOOT
TYPICAL CULTURAL PRACTICES REPRESENTED DATE: 04/05/78
BUDGET IDENTIFICATION: ENTERPRISE 213 COUNTY 50 MISCL 00 IRRIGATION LEVEL 6 LAND CLASS 2
INDIV. # 0 MACH. COMP, 3 IRIG. SYSTEM 6 PRICE VECTOR 2 EQUIP COMP 1
DATE PRINTED: 04/05/78 ANNUAL CAPITAL 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	4,50	7,50	7,50	7,50	0,00	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	0,00	8,40	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	0,00	7,00	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	0,00	9,00	0,00	0,00	0,00	0,00	9,00
MACHINE LABOR COST	\$/AC	0,00	0,00	2,87	9,71	0,18	0,18	0,18	2,22	0,00	4,34	0,00	0,00	0,00	19,69
INTEREST ON OPER. CAP.	\$/AC	0,00	0,00	0,12	1,27	0,20	0,29	2,19	4,16	0,00	0,54	0,00	0,00	0,00	8,77
TRACTOR COST	\$/AC	0,00	0,00	2,36	8,35	0,00	0,00	0,00	1,14	0,00	4,70	0,00	0,00	0,00	16,54
EQUIPMENT COST	\$/AC	0,00	0,00	0,64	2,37	0,10	0,10	0,10	0,50	0,00	0,98	0,00	0,00	0,00	4,77
BLDG OPER. COST	\$/AC	0,07	0,07	0,07	0,07	0,07	0,07	0,07	0,07	0,07	0,07	0,07	0,07	0,07	0,89
IRRIGATION COST	\$/AC	0,00	0,00	0,00	0,52	0,86	0,86	0,86	0,00	0,00	0,00	0,00	0,00	0,00	3,11
IRRIG LABOR COST	\$/AC	0,00	0,00	0,00	5,32	7,98	7,98	7,98	0,00	0,00	0,00	0,00	0,00	0,00	29,26
TOTAL EXPENSES	\$/AC	0,08	0,08	6,06	96,51	29,99	43,18	31,98	66,48	0,08	10,63	0,08	0,08	0,08	285,23

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0,00	0,00	0,62	2,11	0,04	0,04	0,04	0,48	0,00	0,94	0,00	0,00	4,28
IRRIGATION LABOR	HR/AC	0,00	0,00	0,00	1,40	2,10	2,10	2,10	0,00	0,00	0,00	0,00	0,00	7,70
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 FIXED COST PER ACRE			VARIABLE COST PER ACRE				TOTAL	HRS PER ACRE	
					HOURS USED	DEPR.	INTER.	TAX & INS	FUEL	LUBE	REPAIRS			
TRACTOR 30 HP	1	30,0	7000,	10,	500,	0,119	0,088	0,038	0,245	0,120	0,018	0,050	0,188	0,121
TRACTOR 75 HP	4	75,0	13950,	10,	500,	0,356	0,262	0,114	0,732	0,326	0,049	0,150	0,525	0,181
TRACTOR 90 HP	5	90,0	18000,	10,	500,	0,812	0,597	0,259	1,668	0,691	0,104	0,341	1,136	0,320
TRACTOR 120 HP	7	120,0	23000,	10,	500,	6,975	5,130	2,225	14,330	6,198	0,930	2,927	10,055	2,152
TRACT 4WD 135 HP	8	135,0	22480,	10,	500,	2,587	1,903	0,825	5,316	3,087	0,463	1,086	4,636	0,817
TRUCK 2 TON	13	2,0	10200,	8,	500,	0,153	0,073	0,034	0,260	0,258	0,039	0,061	0,357	0,075
PICKUP 1/2 T	14	0,5	6175,	5,	600,	0,278	0,109	0,047	0,433	0,440	0,066	0,066	0,572	0,200
SUBSOILER	46	10,0	5238,	10,	102,	2,114	1,209	0,562	3,884	0,000	0,011	0,567	0,579	0,500
DISK OFFSET HYDR	63	14,0	4260,	10,	75,	2,087	1,194	0,555	3,836	0,000	0,010	0,520	0,531	0,446
FERT. SPREADER	69	8,0	575,	5,	145,	0,216	0,081	0,035	0,331	0,000	0,001	0,060	0,061	0,391
LAND PLANE	85	12,0	10200,	10,	143,	1,424	0,814	0,379	2,617	0,000	0,008	0,379	0,387	0,243
SPRAYER PTO	93	35,0	1897,	10,	50,	0,515	0,294	0,137	0,946	0,000	0,001	0,034	0,035	0,165
PLANTER 6 ROW	110	5,0	3300,	10,	90,	3,379	1,932	0,898	6,209	0,000	0,042	2,124	2,167	1,119
BEANCUTTER ARROW	116	10,0	633,	10,	31,	0,489	0,280	0,130	0,899	0,000	0,001	0,044	0,045	0,291
WELL + FURROW*	132	2,0	22500,	10,	5000,	5,707	4,197	1,821	11,725	0,000	0,061	3,045	3,106	18,000
IMPL CARRIER	150	5,0	2933,	10,	60,	0,425	0,260	0,119	0,804	0,000	0,001	0,040	0,041	0,110
TOTAL			152341,			27,60	18,42	8,18	54,24	11,12	1,80	11,50	24,42	

BUDGET IDENTIFICATION NUMBER 2135000620 362 1
 HARVEST OR SALE MONTH 6

BUDGET RECORD NUMBER 111

COSTS TO PRODUCE DRY LARGE LIMA BEANS
 STANISLAUS COUNTY --- 1977
 LANDOWNER BASIS

COSTS AND RETURNS WILL BE
 DIVIDED BY 20.0 CHT.
 TO OBTAIN PER CHT. COSTS

LINE	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC	13 PRICE	14 SHARE RENT	15 UNIT CODE	16 ITEM CODE	17 TYPE	18 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 RENT	UNIT CODE	ITEM CODE	TYPE	HARV 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.	
12 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.	
13 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.	
14 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.	
15 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.	
16 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 LABOR		POWER UNIT	MACH CODE	TYPE	HARV 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 HDTY	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	2.000	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 PUMP 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 PUMP 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.	
37 BURN CUTTER 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.	
38 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 FIXED	SHARE VAR	POWER UNIT	SYSH 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	2.00	3.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

EQUIPMENT REQUIREMENTS	NUMBER UNITS	PROPORT OF COST	XXX	EQUIP CODE	TYPE	XXXX
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 FUELTANK 550 GAL	1.000	0.340	0.	18.	5.	0.

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

150 ACRES SINGLE CROPPED BEANS FURROW IRRIGATED
 YIELD OF 2000 LBS PER ACRE CLASS II SOILS (SCS)
 TYPICAL CULTURAL PRACTICES REPRESENTED
 DISTRICT WATER @ \$7 PER ACRE FOOT
 DATE: 04/05/78
 MACHINERY COMPLEMENT 3
 EQUIPMENT COMPLEMENT 1

NO HARE CHANGES HAVE BEEN STORED WITH THIS BUDGET

PARAMETER CHGS-->11.	RH CL	VALUE	RH CL	VALUE	RH CL	VALUE	RH CL	VALUE	RH CL	VALUE	RH CL	VALUE
		3.000000										