

COST & RETURNS SUMMARY FOR LIMA BEANS, FREEZ
COSTS OF PRODUCING GREEN LIMA BEANS FOR FREEZING
VENTURA CO. 1980 -
YIELD: 4000 LBS/ACRE

BY R.A. BRENDLER,
 FARM ADVISOR

BN-SC-80-1

Lima beans #272

TEMPORARY RUN

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
LIMA BEANS, FREEZ	LBS.	0.220	4000.000	880.00	
TOTAL RECEIPTS:				880.00	
2. VARIABLE COSTS:					
PREHARVEST:					
PRE WEED&PEST CT	ACRE	53.330	0.750	40.00	
CUST. FUMIGATE	ACRE	100.000	0.500	50.00	
CUST. NITROGEN	LBS.	0.400	100.000	40.00	
G LIMA SEED	LBS.	0.575	150.000	86.25	
IRRIG DIST WATER	ACIN	1.330	10.000	13.30	
HAND HOEING	HOURL	5.250	6.000	31.50	
CUST. PESTICIDE	ACRE	60.000	1.000	60.00	
SUPERVISION	ACRE	7.800	6.000	46.80	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			52.65	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			11.20	
IRRIGATION (POWER-LUBE-REP)	ACIN	0.681	10.000	6.81	
MACHINERY LABOR	HOURL	6.550	5.421	35.51	
MACHINE CREW LABOR	HOURL	5.250	0.677	3.56	
IRRIGATION LABOR	HOURL	5.760	6.000	34.56	
INTEREST ON OPERATING CAP.	DOL.	0.14000	175.386	23.56	
TOTAL PREHARVEST COSTS:				535.69	
PREHARVEST COST PER LBS.				0.1339	
HARVEST:					
TOTAL HARVEST COSTS:				0.00	
HARVEST COST PER LBS.				0.0000	
TOTAL VARIABLE COSTS:				535.69	
VARIABLE COST PER LBS.				0.1339	
3. INCOME ABOVE VARIABLE COSTS:					
TOTAL INCOME ABOVE VARIABLE COSTS:				344.31	
INCOME PER LBS.				0.0861	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				15.09	
REAL PROPERTY TAXES:				1.51	
CASH RENT:				300.00	
MISC. OFFICE & BOOKKEEPING (3.00% OF TOTAL VARIABLE COSTS)				16.07	
TOTAL OVERHEAD:				332.68	
OVERHEAD COST PER LBS.				0.0832	
TOTAL CASH COSTS:				868.37	
TOTAL CASH COST PER LBS.				0.2171	
5. INCOME ABOVE ALL CASH COSTS:					
TOTAL INCOME ABOVE ALL CASH COSTS:				11.63	
INCOME PER LBS.				0.0029	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			34.15	
IRRIGATION SYSTEM	ACRE			4.02	
TOTAL DEPRECIATION:				38.16	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.14000	372.277	52.12	
IRRIGATION SYSTEM		0.14000	41.312	5.78	
TOTAL INTEREST CHARGE:				57.90	
TOTAL FIXED COSTS:				96.07	
FIXED COST PER LBS.				0.0240	
7. TOTAL OF ABOVE COSTS:					
TOTAL OF ABOVE COSTS:				964.44	
TOTAL COST PER LBS.				0.2411	
8. NET RETURNS:					
TOTAL NET RETURNS:				-84.44	
NET RETURNS PER LBS.				-0.0211	



PLANT: LATE APRIL TO JUNE 25
 HARVEST: AUG. 1 TO OCT. 10
 FLOW IRRIGATION
 PRINTED: 08/21/80
 1980 default data

PLANTING RATE: .75AC/DAY/AC HARV. CAPACITY
 HARVESTED BY FREEZER PLANT
 100 ACRES PLANTED ON 350 ACRE FARM
 HARVEST MONTH: 9
 updated: 8/21/80
 BUDGET RECORD NUMBER 272

UC Cooperative Extension

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 272
 COSTS OF PRODUCING GREEN LIMA BEANS FOR FREEZING
 VENTURA CO. 1980
 YIELD: 4000 LBS/ACRE

BY R.A. BRENDLER,
 FARM ADVISOR

INCOME ABOVE VARIABLE COSTS

WHEN THE PRICE OF LIMA BEANS, FREEZ RANGES FROM 0.20 TO 0.24
 AND THE QUANTITY OF LIMA BEANS, FREEZ RANGES FROM 3200.00 TO 4800.00

	PRICE OF	LIMA BEANS, FREEZ				
		0.20	0.21	0.22	0.23	0.24

QUANTITY OF LIMA BEANS,	3200.00 *	104.31	136.31	168.31	200.31	232.31
	*					
	3600.00 *	184.31	220.31	256.31	292.31	328.31
	*					
	4000.00 *	264.31	304.31	344.31	384.31	424.31
	*					
	4400.00 *	344.31	388.31	432.31	476.31	520.31
	*					
	4800.00 *	424.31	472.31	520.31	568.31	616.31
	*					

INCOME ABOVE ALL CASH COSTS

WHEN THE PRICE OF LIMA BEANS, FREEZ RANGES FROM 0.20 TO 0.24
 AND THE QUANTITY OF LIMA BEANS, FREEZ RANGES FROM 3200.00 TO 4800.00

	PRICE OF	LIMA BEANS, FREEZ				
		0.20	0.21	0.22	0.23	0.24

QUANTITY OF LIMA BEANS,	3200.00 *	-228.37	-196.37	-164.37	-132.37	-100.37
	*					
	3600.00 *	-148.37	-112.37	-76.37	-40.37	-4.37
	*					
	4000.00 *	-68.37	-28.37	11.63	51.63	91.63
	*					
	4400.00 *	11.63	55.63	99.63	143.63	187.63
	*					
	4800.00 *	91.63	139.63	187.63	235.63	283.63
	*					

INCOME ABOVE ALL COSTS

WHEN THE PRICE OF LIMA BEANS, FREEZ RANGES FROM 0.20 TO 0.24
 AND THE QUANTITY OF LIMA BEANS, FREEZ RANGES FROM 3200.00 TO 4800.00

	PRICE OF	LIMA BEANS, FREEZ				
		0.20	0.21	0.22	0.23	0.24

QUANTITY OF LIMA BEANS,	3200.00 *	-324.44	-292.44	-260.44	-228.44	-196.44
	*					
	3600.00 *	-244.44	-208.44	-172.44	-136.44	-100.44
	*					
	4000.00 *	-164.44	-124.44	-84.44	-44.44	-4.44
	*					
	4400.00 *	-84.44	-40.44	3.56	47.56	91.56
	*					
	4800.00 *	-4.44	43.56	91.56	139.56	187.56
	*					

UC Cooperative Extension

PLANT: LATE APRIL TO JUNE 25
 HARVEST: AUG. 1 TO OCT. 10
 FURROW IRRIGATION

PLANTING RATE: .75AC/DAY/AC HARV. CAPACITY
 HARVESTED BY FREEZER PLANT
 100 ACRES PLANTED ON 350 ACRE FARM

Updated 8/21/80

COSTS OF PRODUCING GREEN LIMA BEANS FOR FREEZING
 VENTURA CO. 1980
 YIELD: 4000 LBS/ACRE

BY R.A. BRENDLER,
 FARM ADVISOR

COSTS AND RETURNS WILL BE
 DIVIDED BY 4000.0 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
SECTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
LIMA BEANS, FREEZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.220	0.000	12.	66.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
													RENT	CODE	CODE	CODE	CODE	
6 PRE WEED&PEST CT	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.330	0.000	7.	269.	3.	0.
7 CUST. FURIGATE	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.000	0.000	7.	365.	3.	0.
8 CUST. NITROGEN	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.400	0.000	12.	211.	3.	0.
9 6 LIMA SEED	0.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.575	0.000	12.	166.	3.	0.
10 IRRIG DIST WATER	0.00	0.00	0.00	6.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	1.330	0.000	11.	323.	3.	0.
11 HAND HOEING	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	5.250	0.000	8.	335.	3.	0.
12 CUST. PESTICIDE	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	60.000	0.000	7.	366.	3.	0.
13 SUPERVISION	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	7.800	0.000	7.	334.	3.	0.
MACHINERY REQUIREMENTS																		
	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW	POWER	MACH	TYPE	HARV	
													LABOR	UNIT	CODE	CODE	CODE	
26 SUBSOILER	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	45.	4.	0.
27 RB PLOW 5-16	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	8.	98.	4.	0.
28 DISC OFFSET HDY	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.000	0.000	8.	63.	4.	0.
29 ROLLER	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.000	0.000	0.	57.	4.	0.
30 LANDPLANE, 14'	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	86.	4.	0.
31 SPRINGTOOTH	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	8.	78.	4.	0.
32 FURROWER 4SHOVEL	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	3.	91.	4.	0.
33 SPIKE HARROW	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	74.	4.	0.
34 PLANTER 4ROW	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	1.000	3.	108.	4.	0.
35 CULTIVATOR 4 ROW	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	52.	4.	0.
													SHARE	POWER	UNIT	TYPE	HARV	
													FIXED %	VAR %	CODE	CODE	CODE	
49 ACIN IRRIG WATER	0.00	0.00	0.00	6.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.	132.	0.
50 NO. TIMES IRRIG	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.
EQUIPMENT REQUIREMENTS																		
													NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
													UNITS	OF COST		CODE		

ONE STORED WITH BUDGET

LINE	2	3	4	5	6	7	8
REQUIREMENTS	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS		
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE	COST/ACRE	
71	2.	100.00	300.00	0.00	0.0	0.00	
ENTERPRISE 2-66 REGION/COUNTY 56 UNASSIGNED 00000 MACH COMP 2 IRRIG SYST 6 UNASSIGNED 0 EQUIP SET 1 HARVEST MONTH 9							

PLANT: LATE APRIL TO JUNE 25
 HARVEST: AUG. 1 TO OCT. 10
 FURROW IRRIGATION

PLANTING RATE: .75AC/DAY/AC HARV. CAPACITY
 HARVESTED BY FREEZER PLANT
 100 ACRES PLANTED ON 350 ACRE FARM *updated 8/21/80*

MACHINERY COMPLEMENT 2
 EQUIPMENT COMPLEMENT 1

GENERAL NAME CHANGE	LINE CHANGE	VALUE	GENERAL NAME CHANGE	LINE CHANGE	VALUE	GENERAL NAME CHANGE	LINE CHANGE	VALUE	GENERAL NAME CHANGE	LINE CHANGE	VALUE
365 CUST. FURIGATE	366 CUST. PESTICIDE	334 SUPERVISION	211 CUST. NITROGEN	269 PRE WEED&PEST CT							
66 LIMA BEANS, FREEZ	B TRACTOR 4WD 150H	86 LANDPLANE, 14'									
3 TRACTOR 50HP											
RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
8.16.	150.000000	3.16.	50.000000	86. 2.	14.000000						
PARAMETER CHGS-->10.	6.550000 11.	5.250000 12.	5.760000 18.	2.000000 28.	0.030000						

1980 default data.