

Lettuce

TITLE: SAMPLE COSTS FOR PRODUCING HEAD LETTUCE BY DOB MAY
 FRESNO COUNTY 1980 FARM ADVISOR
 TENANT-LANDOWNER BASIS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					\$
LETTUCE, HEAD	CTNS	4.000	600.000	2400.00	
TOTAL RECEIPTS:				\$ 2400.00	
2. VARIABLE COSTS:					\$
PREHARVEST:					\$
NO LETTUCE SEED	LBS.	0.105	250.000	26.25	
HAND HOEING	LBS.	13.000	1.500	19.50	
WINNING	HOUR	4.500	9.000	40.50	
NITROGEN	HOUR	4.500	18.000	81.00	
NITROGEN	LBS.	0.200	120.000	24.00	
NITROGEN	LBS.	0.150	100.000	15.00	
HERBICIDE	ACRE	16.000	1.000	16.00	
INSECTICIDE	ACRE	150.000	1.000	150.00	
IRRIG DIST WATER	ACIN	1.000	30.000	30.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			39.85	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			10.02	
IRRIGATION (POWER-LUBE-REP)	ACIN	2.584	30.000	77.52	
MACHINERY LABOR	HOUR	5.500	5.276	29.02	
IRRIGATION LABOR	HOUR	4.500	12.800	57.60	
INTEREST ON OPERATING CAP.	DOL.	0.140	92.264	12.23	
TOTAL PREHARVEST COSTS:				\$ 428.50	
PREHARVEST COST PER CTNS				\$ 1.0475	
HARVEST:					\$
CUSTOM HARVEST	ACRE	2.250	600.000	1350.00	
TOTAL HARVEST COSTS:				\$ 1350.00	
HARVEST COST PER CTNS				\$ 2.2500	
TOTAL VARIABLE COSTS:				\$ 1978.50	
VARIABLE COST PER CTNS				\$ 3.2975	
3. INCOME ABOVE VARIABLE COSTS:					\$ 421.50
INCOME PER CTNS				\$ 0.7025	
4. CASH OVERHEAD:					\$
CASH RENT				90.00	
GEN. OFFICE & BOOKKEEPING (8.00% OF TOTAL VARIABLE COSTS)				158.28	
TOTAL CASH OVERHEAD:				\$ 248.28	
OVERHEAD COST PER CTNS				0.4138	
5. INCOME ABOVE ALL CASH COSTS:					\$ 173.23
INCOME PER CTNS				\$ 0.2887	
6. OWNERSHIP COSTS:					\$
DEPRECIATION:					\$
MACHINERY & EQUIPMENT	ACRE			18.77	
IRRIGATION SYSTEM	ACRE			17.42	
TOTAL DEPRECIATION:				\$ 36.19	
CAPITAL & INTEREST:					\$
MACHINERY&EQUIPMENT		0.140	185.153	25.92	
IRRIGATION SYSTEM		0.140	203.474	28.49	
TOTAL INTEREST CHARGE:				\$ 54.41	
TOTAL FIXED COSTS:				\$ 90.60	
FIXED COST PER CTNS				0.1510	
7. TOTAL OF ABOVE COSTS:					\$ 2317.38
TOTAL COST PER CTNS				3.8623	
8. NET RETURNS:					\$ 82.62
NET RETURNS PER CTNS				0.1377	

SPRINKLER & FURROW IRRIGATION
 YIELD: 13.5 TONS PER ACRE
 FALL HARVEST

UPDATED 02/27/80

BUDGET IDENTIFICATION NUMBER 281100000 390 1
 DATE PRINTED: 06/09/80
 1980 default data

BUDGET RECORD NUMBER 234
 HARVEST MONTH: 10

NOTIFICATION NUMBER 281100000 390 1
 SAMPLE COSTS FOR PRODUCING HEAD LETTUCE
 FRESNO COUNTY 1980
 TENANT-LANDOWNER BASIS

HARVEST MONTH 10
 BY DON RAY
 FARM ADVISOR

BUDGET RECORD NUMBER 234

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	0.00	0.00	2400.00	0.00	0.00	2400.00
IRRIGATING EXPENSES															
LETTUCE SEED	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	26.25	0.00	0.00	0.00	0.00	0.00	0.00	26.25
HOEING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	19.50	0.00	0.00	0.00	0.00	0.00	0.00	19.50
PLANTING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.50	0.00	0.00	0.00	0.00	40.50
ROSEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.00	0.00	0.00	0.00	0.00	81.00
ROSEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00	0.00	0.00	24.00
ROSEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00	8.00	0.00	15.00
ROSEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00	0.00	0.00	16.00
ROSEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	0.00	0.00	150.00
ROSEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1350.00	0.00	1350.00
ROSEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	12.00	0.00	30.00
ROSEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	19.16	3.89	5.97	0.00	0.00	0.00	0.00	29.02
ROSEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	4.79	4.75	2.69	0.00	0.00	0.00	0.00	12.23
ROSEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	25.83	6.13	7.89	0.00	0.00	0.00	0.00	39.85
ROSEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	7.21	1.07	1.74	0.00	0.00	0.00	0.00	10.02
ROSEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	15.50	31.01	31.01	0.00	0.00	0.00	0.00	77.52
ROSEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	14.40	21.60	21.60	0.00	0.00	0.00	0.00	57.60
TOTAL EXPENSES	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	148.64	219.95	247.90	1362.00	0.00	0.00	1978.50	

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.00	0.00	0.00	3.48	0.71	1.09	0.00	0.00	0.00	5.29
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.00	0.00	0.00	3.20	4.80	4.80	0.00	0.00	0.00	12.80
IRRIGATION LABOR	ACIN	0.00	0.00	0.00	0.00	0.00	0.00	6.00	12.00	12.00	0.00	0.00	0.00	30.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANN HOURS USED	FIXED COST PER ACRE				VARIABLE COST PER ACRE				HRS PER ACRE
						DEPR.	INTER.	TAX \$INS	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TOR 60 HP	3	60.0	16320.	12.	1000.	1.13	1.59	0.41	3.13	3.07	0.46	2.17	5.71	1.111
TOR 90 HP	5	90.0	27600.	12.	1000.	0.71	0.99	0.25	1.95	1.70	0.26	1.36	3.32	0.410
TOR 105 HP	6	105.0	33000.	12.	1000.	3.51	4.92	1.26	9.69	8.24	1.24	6.74	16.22	1.703
LER 85 HF	11	85.0	66000.	17.	900.	5.67	9.40	2.59	17.66	7.19	1.08	6.34	14.61	1.573
PUMP 200 HP#	24	4.0	22480.	25.	1600.	7.72	16.00	4.74	28.46	73.14	1.10	1.52	75.76	15.000
EL	42	10.0	3600.	10.	270.	0.71	0.71	0.19	1.62	0.00	0.03	1.30	1.33	0.647
IVATOR 6ROW	53	15.0	3960.	15.	140.	1.76	2.24	0.66	4.65	0.00	0.04	2.04	2.08	1.030
OFFSET HDTY	63	21.0	11160.	15.	110.	1.82	2.32	0.68	4.82	0.00	0.05	2.25	2.30	0.298
FERT APPLIC.	70	10.0	2830.	15.	140.	0.77	0.96	0.28	2.01	0.00	0.03	1.30	1.33	0.625
ER 6 ROW	83	15.0	2400.	13.	190.	0.44	0.51	0.15	1.10	0.00	0.01	0.71	0.73	0.518
PLANE 12X45	85	12.0	8520.	7.	340.	1.29	1.07	0.27	2.63	0.00	0.01	0.59	0.60	0.485
YER	93	15.0	2040.	14.	180.	0.28	0.34	0.10	0.71	0.00	0.01	0.32	0.32	0.385
TER 6ROW	109	15.0	4140.	15.	135.	0.69	0.88	0.26	1.82	0.00	0.03	1.31	1.33	0.373
VE & FURROW	132	2.0	45900.	10.	5000.	9.70	12.49	3.10	25.29	0.00	0.03	1.73	1.76	15.000
MACHINERY & EQUIPMENT			1250.			36.19	54.41	14.95	105.55	93.34	4.36	29.69	127.39	

TOTAL INVESTMENT 249950.

SPRINKLER & FURROW IRRIGATION
 YIELD: 13.5 TONS PER ACRE
 FALL HARVEST

UPDATED 02/27/80

FUEL USE SUMMARY FOR BUDGET NUMBER 2811000000 390 1

SAMPLE COSTS FOR PRODUCING HEAD LETTUCE BY DON RAY
 FRESNO COUNTY 1980 FARM ADVISOR
 TENANT-LANDOWNER BASIS

FUEL USED IN GALLONS PER HOUR

TRACTOR 60 HP 2.880
 TRACTOR 90 HP 4.320
 TRACTOR 105 HP 5.040
 CRAWLER 85 HP 4.760
 IRR PUMP 200 HP* 1.084

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

<u>MACHINE</u>	<u>GALLONS</u>	<u>POWER UNIT</u>
IRR PUMP 200 HP*	0.271	
DISC OFFSET HDTY	0.779	CRAWLER 85 HP
CHISEL	1.694	CRAWLER 85 HP
4 WH PLANE 12X45	1.270	CRAWLER 85 HP
LISTER 6 ROW	0.957	TRACTOR 105 HP
LIQ FERT APPLIC.	0.990	TRACTOR 60 HP
SPRAYER	1.218	TRACTOR 60 HP
PLANTER 6ROW	1.773	TRACTOR 90 HP
CULTIVATOR 6ROW	1.142	TRACTOR 105 HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
DISC OFFSET HDTY	0.000	0.000	0.000	0.000	0.000	0.000	1.558	0.000	0.000	0.000	0.000	0.000	1.558	3
CHISEL	0.000	0.000	0.000	0.000	0.000	0.000	3.388	0.000	0.000	0.000	0.000	0.000	3.388	3
4 WH PLANE 12X45	0.000	0.000	0.000	0.000	0.000	0.000	2.540	0.000	0.000	0.000	0.000	0.000	2.540	3
LISTER 6 ROW	0.000	0.000	0.000	0.000	0.000	0.000	0.957	0.957	0.957	0.000	0.000	0.000	2.872	3
LIQ FERT APPLIC.	0.000	0.000	0.000	0.000	0.000	0.000	0.990	0.000	0.990	0.000	0.000	0.000	1.980	3
SPRAYER	0.000	0.000	0.000	0.000	0.000	0.000	1.218	0.000	0.000	0.000	0.000	0.000	1.218	3
PLANTER 6ROW	0.000	0.000	0.000	0.000	0.000	0.000	1.773	0.000	0.000	0.000	0.000	0.000	1.773	3
CULTIVATOR 6ROW	0.000	0.000	0.000	0.000	0.000	0.000	1.142	2.284	2.284	0.000	0.000	0.000	5.710	3
TOTALS	0.000	0.000	0.000	0.000	0.000	0.000	13.567	3.241	4.231	0.000	0.000	0.000	21.040	

GALLONS FUEL BY TYPE
 0.00 GAS
 0.00 LP
 1.04 DIESEL

FUEL TYPES
 1-GAS
 2-L.P.
 3-DIESEL

**SAMPLE COSTS FOR PRODUCING HEAD LETTUCE BY DON RAY
 FRESNO COUNTY 1980 FARM ADVISOR
 TENANT-LANDOWNER BASIS**

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, FIXED	
						LUB.,REP. PER ACRE	COSTS PER ACRE
DISC OFFSET HDTY	11, 63	JULY	2.00	0.360	0.298	5.34	8.49
CHISEL	11, 42	JULY	2.00	0.783	0.647	7.94	9.61
4 WH PLANE 12X45	11, 85	JULY	2.00	0.587	0.485	5.56	8.63
LISTER 6 ROW	6, 83	JULY	1.00	0.209	0.173	2.05	1.45
LIQ FERT APPLIC.	3, 70	JULY	1.00	0.378	0.313	2.43	1.98
SPRAYER	3, 93	JULY	1.00	0.465	0.385	2.50	1.90
PLANTER 6ROW	5,109	JULY	1.00	0.451	0.373	4.65	3.78
CULTIVATOR 6ROW	6, 53	JULY	1.00	0.249	0.206	2.57	2.22
LISTER 6 ROW	6, 83	AUG	1.00	0.209	0.173	2.05	1.45
CULTIVATOR 6ROW	6, 53	AUG	2.00	0.499	0.412	5.15	4.44
LISTER 6 ROW	6, 83	SEPT	1.00	0.209	0.173	2.05	1.45
LIQ FERT APPLIC.	3, 70	SEPT	1.00	0.378	0.313	2.43	1.98
CULTIVATOR 6ROW	6, 53	SEPT	2.00	0.492	0.412	5.15	4.44
TOTALS				5.276	4.360	49.87	51.81

**SPRINKLER & FURROW IRRIGATION
 YIELD: 13.5 TONS PER ACRE
 FALL HARVEST**

UPDATED 02/27/80

**BUDGET IDENTIFICATION NUMBER— 2811000000 390 1
 ANNUAL CAPITAL MONTH 10 BUDGET RECORD NUMBER 234**

SAMPLE COSTS FOR PRODUCING HEAD LETTUCE BY DON MAY
 FRESNO COUNTY 1980 FARM ADVISOR
 TENANT-LANDOWNER BASIS

COSTS AND RETURNS WILL BE
 DIVIDED BY 600.0 CTNS
 TO OBTAIN PER CTNS 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 ITER CODE	17 TYPE	18 XXXX		
PRODUCTION																				
LETTUCE, HEAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.000	0.000	28.	81.	2.	0.		
OPERATING INPUTS																				
	NUMBER OF UNITS												PRICE		SHARE		UNIT		ITER	
	RATE/UNIT												RENT		CODE		CODE		TYPE	
													HARV		CODE					
HEAD LETTUCE SEED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.105	0.000	12.	200.	3.	0.		
HAND HOEING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.000	0.000	12.	181.	3.	0.		
THINNING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.500	0.000	8.	335.	3.	0.		
NITROGEN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00	0.00	0.00	0.00	0.00	0.200	0.000	12.	211.	3.	0.		
NITROGEN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.150	0.000	12.	211.	3.	0.		
HERSICIDE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	16.000	0.000	7.	250.	3.	0.		
INSECTICIDE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	150.000	0.000	7.	240.	3.	0.		
CUSTOM HARVEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.250	0.000	7.	304.	3.	9.		
IRRIG DIST WATER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	12.00	12.00	0.00	0.00	1.000	0.000	11.	323.	3.	0.		
MACHINERY REQUIREMENTS																				
	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW		POWER		MACH		TYPE	
													LABOR		UNIT		CODE		HARV	
													CODE							
DISC OFFSET HDY	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	11.	63.	4.	0.		
CHISEL	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	11.	42.	4.	0.		
4 WH PLANE 12X45	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	11.	85.	4.	0.		
LISTER 6 ROW	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.000	0.000	6.	83.	4.	0.		
LISTER APPLIC.	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.000	0.000	3.	70.	4.	0.		
SPRINKLER	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	93.	4.	0.		
PLANTER 6ROW	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	5.	109.	4.	0.		
CULTIVATOR 6ROW	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	2.00	0.00	0.00	0.00	0.000	0.000	6.	53.	4.	0.		
ACIN IRRIG WATER	0.00	0.00	0.00	0.00	0.00	0.00	6.00	12.00	12.00	0.00	0.00	0.00	0.00	0.00	24.	132.	180.			
NO. TIMES IRRIG	0.00	0.00	0.00	0.00	0.00	0.00	2.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00						

EQUIPMENT REQUIREMENTS	NUMBER UNITS	PROPORT OF COST	XXX EQUIP CODE	TYPE	XXXX
------------------------	-----------------	--------------------	----------------------	------	------

LAND REQUIREMENTS	CHARGE METHOD	NUMBER OF ACRES	VALUE OR COST/ACRE	TAXES PER ACRE	PERENNIAL CROPS YRS LIFE	COST/ACRE
	2.	200.00	90.00	0.00	0.0	0.00

SPRINKLER & FURROW IRRIGATION
 YIELD: 13.5 TONS PER ACRE
 FALL HARVEST

MACHINERY COMPLEMENT 3
 EQUIPMENT COMPLEMENT 1

UPDATED 02/27/80

CHMRY NAME CHANGE->132	LINE CHANGE	VALUE	RM CL	LINE CHANGE	VALUE	RM CL	LINE CHANGE	VALUE	RM CL	LINE CHANGE	VALUE	RM CL
M ROVE & FURROW		5.500000	11.		4.500000	12.		4.500000	18.		1.600000	28.
PARAMETER CHGS->10.											0.080000	

1980 default data