

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
BARLEY	CWT.	5.450	40.000	\$ 218.00	
<b>TOTAL RECEIPTS:</b>				\$ 218.00	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
BARLEY, SEED	CWT.	15.000	0.900	\$ 13.50	
NITROGEN	LBS.	0.250	90.000	22.50	
IRRIG DIST WATER	ACIN	2.080	18.000	37.44	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			8.64	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			6.18	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.19	
IRRIGATION (SYSTEM MAINT.)	ACIN	0.059	18.000	1.05	
MACHINERY LABOR	HOURL	4.350	1.358	5.91	
IRRIGATION LABOR	HOURL	4.000	3.000	12.00	
INTEREST ON OPERATING CAP.	DOL.	0.140	38.096	5.13	
<b>TOTAL PREHARVEST COSTS:</b>				\$ 112.54	
<b>PREHARVEST COST PER CWT.</b>				\$ 2.8134	
<b>HARVEST:</b>					
CUSTOM COMBINE	ACRE	9.000	1.000	\$ 9.00	
CUSTOM COMBINE	CWT.	0.300	40.000	12.00	
CUSTOM HAULING	TON	3.250	2.000	6.50	
<b>TOTAL HARVEST COSTS:</b>				\$ 27.50	
<b>HARVEST COST PER CWT.</b>				\$ 0.6875	
<b>TOTAL VARIABLE COSTS:</b>				\$ 140.04	
<b>VARIABLE COST PER CWT.</b>				\$ 3.5009	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				\$ 77.96	
<b>INCOME PER CWT.</b>				\$ 1.9491	
<b>4. CASH OVERHEAD:</b>				\$	
REAL PROPERTY TAXES:				16.25	
MISC. OFFICE & BOOKKEEPING ( 4.00% OF TOTAL VARIABLE COSTS)				5.60	
<b>TOTAL CASH OVERHEAD:</b>				\$ 21.85	
<b>OVERHEAD COST PER CWT.</b>				0.5463	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>				\$ 56.11	
<b>INCOME PER CWT.</b>				\$ 1.4028	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			5.42	
IRRIGATION SYSTEM	ACRE			5.81	
BUILDINGS	ACRE			0.71	
<b>TOTAL DEPRECIATION:</b>				\$ 11.93	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY & EQUIPMENT		0.140	32.260	4.52	
IRRIGATION SYSTEM		0.140	53.372	7.47	
BUILDINGS		0.107	13.473	1.44	
LAND		0.107	2500.000	266.75	
<b>TOTAL INTEREST CHARGE:</b>				\$ 280.18	
<b>TOTAL FIXED COSTS:</b>				\$ 292.11	
<b>FIXED COST PER CWT.</b>				7.3028	
<b>7. TOTAL OF ABOVE COSTS:</b>				\$ 454.00	
<b>TOTAL COST PER CWT.</b>				11.3500	
<b>8. NET RETURNS:</b>				\$ -236.00	
<b>NET RETURNS PER CWT.</b>				-5.9000	

BASED ON A 2000 ACRE FARM  
100 ACRES OF SINGLE CROPPED BARLEY  
DISTRICT WATER COST \$25.00 PER ACRE FOOT

UPDATED 04/03/80

UC Cooperative Extension

BUDGET IDENTIFICATION NUMBER 2111500000 560.1  
DATE PRINTED: 04/03/80

BUDGET RECORD NUMBER 169  
HARVEST MONTH: 5

1980 default data

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	218.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	218.00
OPERATING EXPENSES														
BARLEY, SEED	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.50	13.50
NITROGEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.50	22.50
IRRIG DIST WATER	\$/AC	0.00	12.48	0.00	12.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.48	37.44
CUSTOM COMBINE	\$/AC	0.00	0.00	0.00	0.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00
CUSTOM COMBINE	\$/AC	0.00	0.00	0.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.54	1.37	5.91
INTEREST ON OPER. CAP.	\$/AC	0.00	0.56	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	1.43	2.95	5.13
TRACTOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.16	1.48	8.64
EQUIPMENT COST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	1.17	6.18
BLDG OPER. COST	\$/AC	0.00	0.04	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.19
IRRIGATION COST	\$/AC	0.00	0.35	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	1.05
IRRIG LABOR COST	\$/AC	0.00	4.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	0.00	12.00
TOTAL EXPENSES	\$/AC	0.00	17.43	0.00	17.06	27.54	0.00	0.00	0.00	0.00	0.00	22.52	55.49	140.04

		MONTHLY IRRIGATION AND LABOR REQUIREMENTS												
	UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
MACHINE LABOR	HR/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.32	1.36
IRRIGATION LABOR	HR/AC	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	3.00
IRRIG. WATER APPLIED	ACIN	0.00	6.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	18.00

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
TRACTOR 75 HP	3	75.0	17400.	5.	2800.	0.38	0.35	0.08	0.80	1.38	0.21	1.24	2.82	0.548
TRACTOR 120 HP	6	120.0	36000.	5.	2800.	0.41	0.37	0.08	0.86	1.06	0.16	1.34	2.55	0.286
CRAWLER 85 HP	10	85.0	66000.	7.	2500.	0.94	1.02	0.24	2.19	1.33	0.20	1.73	3.26	0.400
DISC OFFSET HDTY	63	24.0	12720.	8.	310.	1.03	0.92	0.24	2.19	0.00	0.04	1.90	1.94	0.260
LIQ FERT APPLIC.	70	12.0	5400.	7.	390.	0.39	0.31	0.08	0.79	0.00	0.02	1.15	1.17	0.260
SPIKE HARROW	73	32.0	4610.	5.	530.	0.15	0.10	0.02	0.27	0.00	0.01	0.34	0.34	0.124
FINISHELEVEL16X60	86	16.0	23400.	4.	780.	1.72	1.05	0.25	3.01	0.00	0.03	1.35	1.38	0.384
GRAIN DRILL	107	14.0	5400.	10.	250.	0.20	0.20	0.06	0.46	0.00	0.01	0.66	0.67	0.113
SURFACE IRR SYS*	128	2.0	45780.	10.	5000.	5.81	7.47	1.85	15.13	0.00	0.02	1.03	1.05	9.000
FARM SHOP	2		1800.	35.		0.46	1.06	0.18	1.70	0.18		0.01	0.19	
SHOP TOOLS&EQUIP	4		525.	15.		0.25	0.36	0.05	0.66	0.00		0.01	0.01	
FUELTANK 550 GAL	18		20.	30.		0.00	0.02	0.00	0.02	0.00		0.00	0.00	

MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE 2191. 11.73 13.22 3.13 28.09 3.95 0.69 10.74 15.39

TOTAL INVESTMENT 219055.

UC Cooperative Extension

BASED ON A 2000 ACRE FARM  
 100 ACRES OF SINGLE CROPPED BARLEY  
 DISTRICT WATER COST \$25.00 PER ACRE FOOT

UPDATED 04/03/80

BARLEY PRODUCTION  
KERN COUNTY 1979-1980

BY DOUG MUNIER, FARM ADVISOR

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
DISC OFFSET HDY	6,	63 NOV	2.00	0.315	0.260	4.49	3.05
SPIKE HARROW	3,	73 NOV	1.00	0.150	0.124	1.05	0.47
GRAIN DRILL	3,107	NOV	0.50	0.137	0.113	1.31	0.64
GRAIN DRILL	107	NOV	0.50	0.000	0.113	0.67	0.46
FINISHLEVEL16X60	10,	86 NOV	2.00	0.440	0.364	4.64	5.21
LIQ FERT APPLIC.	3,	70 DEC	1.00	0.315	0.260	2.65	1.20
TOTALS				1.358	1.235	14.81	11.03

BASED ON A 2000 ACRE FARM  
100 ACRES OF SINGLE CROPPED BARLEY  
DISTRICT WATER COST \$25.00 PER ACRE FOOT

UPDATED 04/03/80

BUDGET IDENTIFICATION NUMBER--- 211150000 560 1  
ANNUAL CAPITAL MONTH 5 BUDGET RECORD NUMBER 169

UC Cooperative Extension

FUEL USE SUMMARY FOR BUDGET NUMBER 2111500000 560 1

BARLEY PRODUCTION  
KERN COUNTY 1979-1980

BY DOUG MUNIER, FARM ADVISOR

FUEL USED IN GALLONS PER HOUR

TRACTOR 75 HP	3.600
TRACTOR 120 HP	5.280
CRAWLER 85 HP	4.760

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
DISC OFFSET HDTY	0.756	TRACTOR 120 HP
LIQ FERT APPLIC.	1.031	TRACTOR 75 HP
SPIKE HARROW	0.492	TRACTOR 75 HP
GRAIN DRILL	0.898	TRACTOR 75 HP
GRAIN DRILL	0.000	TRACTOR 75 HP
FINISHLEVEL16X60	0.952	CRAWLER 85 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	0.000	0.000	0.000	0.000	1.513	0.000	1.513	3
LIQ FERT APPLIC.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.031	1.031	3
SPIKE HARROW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.492	0.000	0.492	3
GRAIN DRILL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.449	0.000	0.449	3
IN DRILL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.449	0.000	0.449	3
FINISHLEVEL16X60	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.905	0.000	1.905	3
TOTALS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.807	1.031	5.838	

GALLONS FUEL BY TYPE  
0.00 GAS  
0.00 LP  
5.84 DIESEL

UC Cooperative Extension

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

INCOME ABOVE VARIABLE COSTS  
WHEN THE PRICE OF BARLEY  
AND THE QUANTITY OF BARLEY

RANGES FROM  
RANGES FROM

4.45 TO  
30.00 TO

6.45  
50.00

PRICE OF BARLEY

4.45 4.95 5.45 5.95 6.45

QUANTITY OF  
BARLEY

*****					
30.00 *	-6.54	8.46	23.46	38.46	53.46
35.00 *	15.71	33.21	50.71	68.21	85.71
40.00 *	37.96	57.96	77.96	97.96	117.96
45.00 *	60.21	82.71	105.21	127.71	150.21
50.00 *	82.46	107.46	132.46	157.46	182.46
*****					

INCOME ABOVE ALL CASH COSTS  
WHEN THE PRICE OF BARLEY  
AND THE QUANTITY OF BARLEY

RANGES FROM  
RANGES FROM

4.45 TO  
30.00 TO

6.45  
50.00

PRICE OF BARLEY

4.45 4.95 5.45 5.95 6.45

QUANTITY OF  
BARLEY

*****					
30.00 *	-28.39	-13.39	1.61	16.61	31.61
35.00 *	-6.14	11.36	28.86	46.36	63.86
40.00 *	16.11	36.11	56.11	76.11	96.11
45.00 *	38.36	60.86	83.36	105.86	128.36
50.00 *	60.61	85.61	110.61	135.61	160.61
*****					

INCOME ABOVE ALL COSTS  
WHEN THE PRICE OF BARLEY  
AND THE QUANTITY OF BARLEY

RANGES FROM  
RANGES FROM

4.45 TO  
30.00 TO

6.45  
50.00

PRICE OF BARLEY

4.45 4.95 5.45 5.95 6.45

QUANTITY OF  
BARLEY

*****					
30.00 *	-320.50	-305.50	-290.50	-275.50	-260.50
35.00 *	-298.25	-280.75	-263.25	-245.75	-228.25
40.00 *	-276.00	-256.00	-236.00	-216.00	-196.00
45.00 *	-253.75	-231.25	-208.75	-186.25	-163.75
50.00 *	-231.50	-206.50	-181.50	-156.50	-131.50
*****					

BUDGET RECORD NUMBER 169  
BASED ON A 2000 ACRE FARM  
100 ACRES OF SINGLE CROPPED BARLEY  
DISTRICT WATER COST \$25.00 PER ACRE FOOT

UC Cooperative Extension

UPDATED 04/03/80

BUDGET IDENTIFICATION NUMBER 2111500000 560 1  
 HARVEST OR SALE MONTH 5

BUDGET RECORD NUMBER 169

BARLEY PRODUCTION BY DOUG MUNIER, FARM ADVISOR  
 KERN COUNTY 1979-1980

COSTS AND RETURNS WILL BE  
 DIVIDED BY 40.0 CWT.  
 TO OBTAIN PER CWT. COSTS

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PRODUCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
1 BARLEY	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.450	0.000	16.	11.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
6 BARLEY, SEED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	15.000	0.000	16.	111.	3.	0.
7 NITROGEN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00	0.250	0.000	12.	211.	3.	0.
8 IRRIG DIST WATER	0.00	6.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	2.080	0.000	11.	323.	3.	0.
9 CUSTOM COMBINE	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.000	0.000	7.	305.	3.	9.
10 CUSTOM COMBINE	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.300	0.000	16.	305.	3.	9.
11 CUSTOM HAULING	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.250	0.000	3.	306.	3.	9.
MACHINERY REQUIREMENTS																		
	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW	POWER	MACH	TYPE	HARV	
													LABOR	UNIT	CODE		CODE	
26 DISC OFFSET HDTY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.000	0.000	6.	63.	4.	0.
27 LIQ FERT APPLIC.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.000	0.000	3.	70.	4.	0.
28 SPIKE HARROW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.000	0.000	3.	73.	4.	0.
29 GRAIN DRILL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.000	0.000	3.	107.	4.	0.
30 GRAIN DRILL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.000	0.000	0.	107.	4.	0.
33 FINISHLEVEL16X60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.000	0.000	10.	86.	4.	0.
49 ACIN IRRIG WATER	0.00	6.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.	128.		0.
50 NO. TIMES IRRIG	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.	128.		0.

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST	CODE	CODE		
51 FARM SHOP	1.000	0.050	0.	2.	5.	0.
52 SHOP TOOLS&EQUIP	1.000	0.050	0.	4.	5.	0.
53 FUELTANK 550 GAL	1.000	0.050	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.	100.00	2500.00	16.25	0.0 0.00

BASED ON A 2000 ACRE FARM  
 100 ACRES OF SINGLE CROPPED BARLEY  
 DISTRICT WATER COST \$25.00 PER ACRE FOOT

MACHINERY COMPLEMENT 5  
 EQUIPMENT COMPLEMENT 1

UPDATED 04/03/80

EQUIP NAME CHANGE-->	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE					
	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
6 TRACT 4WD 120HP										
EQDAT COMP CHGS-->	1.	3.60000	0.00000	6.13.60000	0.00000					
PARAMETER CHGS-->	1.	0.900000	3.	0.700000	10.	4.350000	11.	4.000000	12.	4.000000
										28. 0.040000

1980 default data

UC Cooperative Extension