

TITLE: PRODUCTION COSTS FOR BARLEY  
IN SAN JOAQUIN COUNTY  
YIELD OF 30 CWT/ACRE

BL-VN-79-2

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
BARLEY	CWT.	5.450	30.000	\$ 163.50	
<b>TOTAL RECEIPTS:</b>				\$ 163.50	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
NITROGEN	LBS.	0.200	80.000	\$ 16.00	
BARLEY, SEED	CWT.	8.500	0.800	6.80	
MISCL EXPENSE	ACRE	1.500	1.000	1.50	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			5.93	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			4.14	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			1.33	
IRRIGATION POWER COST	ACRE			19.85	
IRRIGATION (LUBE-REPAIRS)	ACRE			1.83	
IRRIGATION WATER APPLIED	ACIN	1.205	18.000		
MACHINERY LABOR	HOURL	5.100	1.267	6.46	
IRRIGATION LABOR	HOURL	4.250	3.000	12.75	
INTEREST ON OPERATING CAP.	DOL.	0.086	21.100	1.81	
<b>TOTAL PREHARVEST COSTS:</b>				\$ 78.41	
<b>PREHARVEST COST PER CWT.</b>				\$ 2.61	
<b>HARVEST:</b>					
CUSTOM COMBINE	TON	3.000	1.500	\$ 4.50	
CUSTOM COMBINE	ACRE	12.000	1.000	12.00	
CUSTOM HAULING	TON	2.800	1.500	4.20	
INTEREST ON OPERATING CAP.	DOL.	0.086	15.525	1.34	
<b>TOTAL HARVEST COSTS:</b>				\$ 22.04	
<b>HARVEST COST PER CWT.</b>				\$ 0.73	
<b>TOTAL VARIABLE COSTS:</b>				\$ 100.45	
<b>VARIABLE COST PER CWT.</b>				\$ 3.35	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				\$ 63.05	
<b>INCOME PER CWT.</b>				\$ 2.10	
<b>4. CASH OVERHEAD:</b>					
<b>REAL PROPERTY TAXES:</b>				15.00	
<b>MISC. OFFICE &amp; BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)</b>				2.51	
<b>TOTAL CASH OVERHEAD:</b>				\$ 17.51	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>				\$ 45.54	
<b>INCOME PER CWT.</b>				\$ 1.52	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			\$ 4.91	
IRRIGATION SYSTEM	ACRE			6.01	
BUILDINGS	ACRE			6.80	
<b>TOTAL DEPRECIATION:</b>				\$ 17.72	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY & EQUIPMENT		0.086	45.603	\$ 3.94	
IRRIGATION SYSTEM		0.086	61.846	5.34	
BUILDINGS		0.086	133.688	11.54	
LAND		0.083	1100.000	90.75	
<b>TOTAL INTEREST CHARGE:</b>				\$ 111.56	
<b>TOTAL FIXED COSTS:</b>				\$ 129.28	
<b>FIXED COST PER CWT.</b>				4.31	
<b>TOTAL OF ABOVE COSTS:</b>				\$ 247.24	
<b>TOTAL COST PER CWT.</b>				8.24	
<b>B. NET RETURNS:</b>				\$ -83.74	
<b>NET RETURNS PER CWT.</b>				-2.79	

FLOOD IRRIGATED  
100-ACRE FIELD SIZE

06/30/78

BUDGET IDENTIFICATION NUMBER 2113900320 312 1  
DATE PRINTED: 03/20/79

BUDGET RECORD NUMBER 145  
HARVEST MONTH: 6

UC Cooperative Extension

IDENTIFICATION NUMBER 2113900320 312 1  
 PRODUCTION COSTS FOR BARLEY  
 IN SAN JOAQUIN COUNTY  
 YIELD OF 30 CWT/ACRE

HARVEST MONTH 6

BUDGET RECORD NUMBER 145

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	163.50	0.00	0.00	0.00	163.50
OPERATING EXPENSES															
NITROGEN	\$/AC	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00
BARLEY, SEED	\$/AC	0.00	0.00	0.00	0.00	0.00	6.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80
MISCL EXPENSE	\$/AC	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50
CUSTOM COMBINE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	4.50
CUSTOM COMBINE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00	0.00	12.00
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.20	0.00	0.00	0.00	4.20
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	6.07	0.11	0.11	0.17	0.00	0.00	0.00	0.00	6.46
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	0.00	0.00	0.00	0.01	0.93	0.84	1.36	0.00	0.00	0.00	0.00	3.15
TRACTOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	5.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.93
EQUIPMENT COST	\$/AC	0.00	0.00	0.00	0.00	0.00	3.90	0.07	0.07	0.10	0.00	0.00	0.00	0.00	4.14
BLDG OPER. COST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.33	0.33	0.33	0.33	0.00	0.00	0.00	0.00	1.33
IRRIGATION COST	\$/AC	0.00	0.00	0.00	0.00	0.00	7.23	7.23	7.23	0.00	0.00	0.00	0.00	0.00	21.68
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	4.25	4.25	4.25	0.00	0.00	0.00	0.00	0.00	12.75
TOTAL EXPENSES	\$/AC	0.00	0.00	0.00	0.00	0.00	52.03	12.92	12.83	22.67	0.00	0.00	0.00	0.00	100.45

MONTHLY IRRIGATION AND LABOR REQUIREMENTS															
MACHINE LABOR	HR/AC	0.00	0.00	0.00	0.00	0.00	1.19	0.02	0.02	0.03	0.00	0.00	0.00	0.00	1.27
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	3.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	0.00	0.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	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 30 HP	1	30.0	6900.	12.	1000.	0.03	0.03	0.01	0.06	0.07	0.01	0.06	0.14	0.067
TRACTOR 75 HP	4	75.0	14500.	12.	1000.	0.60	0.51	0.11	1.22	1.09	0.16	1.14	2.40	0.658
TRACT 4WD 175HP	8	135.0	52000.	12.	1000.	1.06	0.92	0.19	2.17	1.48	0.22	1.70	3.40	0.327
PICKUP 1/2 T	14	0.5	7500.	3.	1350.	0.10	0.03	0.01	0.13	0.21	0.03	0.09	0.34	0.091
IRR PUMP 75 HP*	22	2.0	11388.	25.	3200.	1.17	1.50	0.36	3.03	19.85	0.30	0.66	20.81	9.000
DISC OFFSET HDTY	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
SPIKEHARROW&CART	74	20.0	2400.	15.	140.	0.21	0.16	0.04	0.40	0.00	0.01	0.26	0.26	0.199
GRAIN DRILL	106	12.0	4000.	15.	90.	0.37	0.29	0.07	0.73	0.00	0.01	0.47	0.48	0.139
SURFACE IRR SYS*	128	2.0	38150.	10.	5000.	4.84	3.84	0.77	9.45	0.00	0.02	0.86	0.88	9.000
IMPL CARRIER	150	5.0	3500.	15.	200.	0.06	0.05	0.01	0.13	0.00	0.00	0.02	0.03	0.061
FARM SHOP	2		12240.	35.		3.15	5.81	1.38	10.33	1.22		0.05	1.28	
SHOP TOOLS&EQUIP	4		3570.	15.		1.67	2.00	0.40	4.07	0.00		0.05	0.05	
STORAGE SHED	8		7650.	35.		1.97	3.63	0.86	6.46	0.00		0.01	0.01	
FUELTANK 550 GAL	18		136.	30.		0.02	0.09	0.02	0.13	0.00		0.00	0.00	

TOTAL INVESTMENT OR COST	177004.														
MACHINERY & EQUIPMENT	1770.														
INVESTMENT PER ACRE						17.35	20.52	4.61	42.48	23.92	0.81	7.88	32.61		

FLOOD IRRIGATED  
 100 ACRE FIELD SIZE

06/30/78

UC Cooperative Extension

BUDGET IDENTIFICATION NUMBER 2113900320 312 1  
 HARVEST OR SALE MONTH 6

BUDGET RECORD NUMBER 145

PRODUCTION COSTS FOR BARLEY  
 IN SAN JOAQUIN COUNTY  
 YIELD OF 30 CWT/ACRE

COSTS AND RETURNS WILL BE  
 DIVIDED BY 30.0 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	0.00	0.00	0.00	0.00	30.00	0.00	0.00	0.00	5.450	0.000	16.	11.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
													RENT	CODE	CODE	CODE	CODE	
6 NITROGEN	0.00	0.00	0.00	0.00	0.00	80.00	0.00	0.00	0.00	0.00	0.00	0.00	0.200	0.000	12.	211.	3.	0.
7 BARLEY, SEED	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00	8.500	0.000	16.	111.	3.	0.
8 MISCL EXPENSE	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.500	0.000	7.	400.	3.	0.
9 CUSTON COMBINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	3.000	0.000	3.	305.	3.	9.
10 CUSTON COMBINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	12.000	0.000	7.	305.	3.	9.
11 CUSTON HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	2.800	0.000	3.	306.	3.	9.
MACHINERY REQUIREMENTS																		
	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												M CREW	POWER	MACH	TYPE	HARV	
													LABOR	UNIT	CODE	CODE	CODE	
26 DISC OFFSET HDTY	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	63.	4.	0.
27 FERT. SPREADER	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	69.	4.	0.
28 SPIKEHARROW&CART	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	74.	4.	0.
29 GRAIN DRILL	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	106.	4.	0.
30 GRAIN DRILL	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.	106.	4.	0.
31 IMPL CARRIER	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	1.	150.	4.	0.
32 PICKUP 1/2 T	0.00	0.00	0.00	0.00	0.00	1.50	1.00	1.00	1.50	0.00	0.00	0.00	0.000	0.000	0.	14.	4.	0.
													SHARE	SHARE	POWER	SYSM		
													FIXED %	VAR %	UNIT	CODE	LIFT	
49 ACIN IRRIG WATER	0.00	0.00	0.00	0.00	0.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	22.	128.	150.	
50 NO. TIMES IRRIG	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00						
EQUIPMENT REQUIREMENTS																		
													NUMBER	PROPERT	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 FUELTANK 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.	100.00		1100.00	15.00	0.0	0.00											

FLOOD IRRIGATED  
 100 ACRE FIELD SIZE

MACHINERY COMPLEMENT 3  
 EQUIPMENT COMPLEMENT 1

06/30/78

\*\*\*NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET\*\*\*

UC Cooperative Extension

\*\*\*NO COMPLEMENT CHANGES HAVE BEEN STORED WITH THIS BUDGET\*\*\*

PRODUCTION COSTS FOR BARLEY  
 IN SAN JOAQUIN COUNTY  
 YIELD OF 30 CWT/ACRE

COSTS AND RETURNS WILL BE  
 DIVIDED BY 30.0 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	0.00	0.00	0.00	0.00	30.00	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 NITROGEN	0.00	0.00	0.00	0.00	0.00	80.00	0.00	0.00	0.00	0.00	0.00	0.00	0.200	0.000	12.	211.	3.	0.
7 BARLEY, SEED	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00	8.500	0.000	16.	111.	3.	0.
8 MISCL EXPENSE	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.500	0.000	7.	400.	3.	0.
9 CUSTOM COMBINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	3.000	0.000	3.	305.	3.	9.
10 CUSTOM COMBINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	12.000	0.000	7.	305.	3.	9.
11 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	2.800	0.000	3.	306.	3.	9.
MACHINERY REQUIREMENTS																		
	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												N	CREW	POWER	MACH	TYPE	HARV
													LABOR	UNIT	CODE		CODE	
26 DISC OFFSET HDY	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	63.	4.	0.
27 FERT. SPREADER	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	69.	4.	0.
28 SPIKEHARROW&CART	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	74.	4.	0.
29 GRAIN DRILL	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	106.	4.	0.
30 GRAIN DRILL	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.	106.	4.	0.
31 IMPL CARRIER	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	1.	150.	4.	0.
32 PICKUP 1/2 T	0.00	0.00	0.00	0.00	0.00	1.50	1.00	1.00	1.50	0.00	0.00	0.00	0.000	0.000	0.	14.	4.	0.
SHARE SHARE POWER SYM																		
													FIXED %	VAR %	UNIT	CODE	LIFT	
49 ACIN IRRIG WATER	0.00	0.00	0.00	0.00	0.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	22.	128.	150.	
50 NO. TIMES IRRIG	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00						

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST	CODE	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.	100.00	1100.00	15.00	0.0

FLOOD IRRIGATED  
 100 ACRE FIELD SIZE

MACHINERY COMPLEMENT 3  
 EQUIPMENT COMPLEMENT 1

06/30/78

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