

TITLE: SAMPLE COSTS & RETURNS FOR PRODUCING
IRRIGATED BARLEY IN YOLO COUNTY
LAND - OWNER BASIS BL-SV-79-2

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
BARLEY	CWT.	5.450	35.000	190.75	
TOTAL RECEIPTS:				\$ 190.75	
2. VARIABLE COSTS:					
PREHARVEST:					
NITROGEN	LBS.	0.072	100.000	7.15	
BARLEY, SEED	CWT.	10.410	0.900	9.37	
GRASS KILLER	OZ.	0.180	10.000	1.80	
FERT SPREADER	ACRE	1.500	1.000	1.50	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			13.92	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			5.65	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.15	
IRRIGATION POWER COST	ACRE			3.55	
IRRIGATION (LUBE-REPAIRS)	ACRE			0.52	
IRRIGATION WATER APPLIED	ACIN	0.678	6.000		
MACHINERY LABOR	HOUR	5.100	1.961	10.00	
IRRIGATION LABOR	HOUR	4.000	4.500	18.00	
INTEREST ON OPERATING CAP.	DOL.	0.086	33.248	2.82	
TOTAL PREHARVEST COSTS:				\$ 74.43	
PREHARVEST COST PER CWT.				\$ 2.13	
HARVEST:					
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			4.63	
MACHINERY LABOR	HOUR	5.100	0.597	3.04	
INTEREST ON OPERATING CAP.	DOL.	0.086	7.030	0.61	
TOTAL HARVEST COSTS:				\$ 8.28	
HARVEST COST PER CWT.				\$ 0.24	
TOTAL VARIABLE COSTS:				\$ 82.70	
VARIABLE COST PER CWT.				\$ 2.36	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER CWT.				\$ 108.05	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				\$ 15.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				2.07	
TOTAL CASH OVERHEAD:				\$ 17.07	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER CWT.				\$ 90.98	
				\$ 2.60	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			9.64	
IRRIGATION SYSTEM	ACRE			1.89	
BUILDINGS	ACRE			0.75	
TOTAL DEPRECIATION:				\$ 12.28	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.086	61.424	5.30	
IRRIGATION SYSTEM		0.086	18.932	1.63	
BUILDINGS		0.086	14.625	1.26	
LAND		0.083	1000.000	82.50	
TOTAL INTEREST CHARGE:				\$ 90.70	
TOTAL FIXED COSTS:				\$ 102.98	
FIXED COST PER CWT.				2.94	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER CWT.				\$ 202.75	
				5.79	
8. NET RETURNS:					
NET RETURNS PER CWT.				\$ -12.00	
				-0.34	

BASED ON 200 ACRES OF BARLEY -- DOUBLE CROPPED
YIELD OF 35 CWT PER ACRE ON CLASS II SOILS (SCS)
TYPICAL CULTURAL PRACTICES REPRESENTED

DATE: UPDATED 09/27/78

BUDGET IDENTIFICATION NUMBER 2115700120 562 1
DATE PRINTED: 03/20/79

BUDGET RECORD NUMBER 106
HARVEST MONTH: 6

SAMPLE COSTS & RETURNS FOR PRODUCING
IRRIGATED BARLEY IN YOLO COUNTY
LAND - OWNER BASIS

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	190.75	0.00	0.00	0.00	0.00	0.00	190.75
OPERATING EXPENSES															
NITROGEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.15	0.00	7.15
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	9.37	0.00	9.37
GRASS KILLER	\$/AC	0.00	0.00	0.00	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80
FERT SPREADER	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	1.50
MACHINE LABOR COST	\$/AC	0.11	0.11	0.11	1.10	0.29	0.00	3.27	2.04	0.00	2.99	3.02	0.00	0.00	13.04
INTEREST ON OPER. CAP.	\$/AC	0.01	0.01	0.16	0.16	0.06	0.00	0.64	0.58	0.00	0.48	1.35	0.00	0.00	3.43
TRACTOR COST	\$/AC	0.00	0.00	0.00	1.10	0.18	0.00	0.00	4.15	0.00	4.09	4.41	0.00	0.00	13.92
EQUIPMENT COST	\$/AC	0.07	0.07	0.07	0.18	0.12	0.00	4.76	1.93	0.00	1.29	1.79	0.00	0.00	10.28
BLDG OPER. COST	\$/AC	0.02	0.02	0.02	0.02	0.02	0.00	0.02	0.02	0.00	0.02	0.02	0.00	0.00	0.15
IRRIGATION COST	\$/AC	0.00	0.00	1.36	1.36	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.07
IRRIG LABOR COST	\$/AC	0.00	0.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00
TOTAL EXPENSES	\$/AC	0.20	0.20	7.71	11.71	8.01	0.00	8.68	8.71	0.00	8.87	28.61	0.00	0.00	82.70

MONTHLY IRRIGATION AND LABOR REQUIREMENTS															
MACHINE LABOR	HR/AC	0.02	0.02	0.02	0.22	0.06	0.00	0.64	0.40	0.00	0.59	0.59	0.00	0.00	2.56
IRRIGATION LABOR	HR/AC	0.00	0.00	1.50	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.50
IRRIG. WATER APPLIED	ACIN	0.00	0.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00

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					
						DEPR.	INTER.	TAX & INS	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	HRS PER ACRE
TRACTOR 40 HP	1	40.0	9500.	5.	2800.	0.02	0.01	0.00	0.03	0.06	0.01	0.06	0.13	0.045
TRACTOR 105 HP	5	105.0	27500.	5.	2800.	0.35	0.20	0.04	0.58	0.74	0.11	1.15	2.00	0.321
TRACT 4WD 225HP	8	175.0	50000.	5.	2800.	0.96	0.55	0.10	1.61	2.84	0.43	2.64	5.91	0.490
CRAWLER 120 HP	11	120.0	71000.	7.	2500.	1.81	1.21	0.23	3.25	2.22	0.33	3.33	5.89	0.718
TRUCK 2 TON	13	2.0	15000.	2.	2500.	0.34	0.09	0.02	0.44	0.81	0.12	0.58	1.51	0.222
PICKUP 1/2 TON	14	0.5	7500.	2.	2400.	0.16	0.04	0.01	0.20	0.44	0.07	0.21	0.72	0.191
IRR PUMP 40 HP*	21	2.0	8000.	25.	3200.	0.27	0.35	0.08	0.71	3.55	0.05	0.17	3.77	3.000
GRAIN COMBINE	25	16.0	41200.	7.	280.	4.09	2.26	0.46	6.80	0.93	0.14	2.04	3.12	0.275
DISC OFFSET	60	14.0	4500.	7.	400.	0.53	0.27	0.06	0.86	0.00	0.02	1.20	1.22	0.446
STUBBLE DISC	67	10.0	9500.	4.	780.	0.60	0.22	0.04	0.87	0.00	0.04	1.82	1.86	0.313
SWEDHARROW&CART	79	30.0	5300.	9.	280.	0.22	0.13	0.03	0.38	0.00	0.01	0.40	0.41	0.133
PTO SPRAYER	93	35.0	1700.	5.	500.	0.07	0.03	0.01	0.11	0.00	0.00	0.11	0.11	0.160
GRAIN DRILL	106	12.0	4000.	10.	250.	0.17	0.11	0.02	0.31	0.00	0.01	0.57	0.58	0.132
FURROW IRRIG SYS*	132	2.0	38250.	10.	5000.	1.62	1.28	0.26	3.16	0.00	0.01	0.29	0.29	3.000
BORDER DISC TNDN	136	12.0	1275.	5.	500.	0.06	0.02	0.00	0.09	0.00	0.00	0.12	0.12	0.167
DITCHER	138	25.0	2400.	18.	140.	0.04	0.03	0.01	0.07	0.00	0.00	0.03	0.03	0.040
IMPLMT CARRIER	150	5.0	3500.	9.	300.	0.04	0.03	0.01	0.07	0.00	0.00	0.01	0.01	0.041
FARM SHOP	2		9720.	35.		0.35	0.64	0.15	1.14	0.14		0.01	0.14	
SHOP TOOLS&EQUIP	4		2835.	15.		0.18	0.22	0.04	0.45	0.00		0.01	0.01	
STORAGE SHED	8		6075.	35.		0.22	0.40	0.09	0.71	0.00		0.00	0.00	

TOTAL INVESTMENT OR COST 318755.
MACHINERY & EQUIPMENT 443.
INVESTMENT PER ACRE 12.10 8.09 1.65 21.84 11.73 1.35 14.75 27.83

BASED ON 200 ACRES OF BARLEY - DOUBLE CROPPED
YIELD OF 35 CWT PER ACRE ON CLASSII SOILS (SCS)
TYPICAL CULTURAL PRACTICES REPRESENTED

DATE: UPDATED 09/27/78

BUDGET IDENTIFICATION NUMBER 2115700120 562 1
 HARVEST OR SALE MONTH 8

BUDGET RECORD NUMBER 106

SAMPLE COSTS & RETURNS FOR PRODUCING
 IRRIGATED BARLEY IN YOLO COUNTY
 LAND - OWNER BASIS

COSTS AND RETURNS WILL BE
 DIVIDED BY 35.0 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	35.00	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 NITROGEN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.072	0.000	12.	211.	3.	0.
7 BARLEY, SEED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.00	10.410	0.000	16.	111.	3.	0.
8 GRASS KILLER	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.180	0.000	17.	253.	3.	0.
9 FERT SPREADER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.500	0.000	7.	361.	3.	0.
MACHINERY REQUIREMENTS																		
	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												M CREW	POWER	MACH	TYPE	HARV	
													LABOR	UNIT	CODE		CODE	
26 DISC OFFSET	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.000	0.000	11.	60.	4.	0.
27 SWEDEHARROW&CART	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	8.	79.	4.	0.
28 BORDER DISC TNDM	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	11.	136.	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	5.	106.	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.	106.	4.	0.
31 DITCHER	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.000	0.000	11.	138.	4.	0.
32 PTO SPRAYER	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	5.	93.	4.	0.
34 PICKUP 1/2 TON	1.00	1.00	1.00	1.00	1.50	0.00	2.00	1.00	0.00	1.00	1.00	0.00	0.000	0.000	0.	14.	4.	0.
35 IMPLAT CARRIER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.00	0.000	0.000	1.	150.	4.	0.
36 STUBBLE DISC	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	8.	67.	4.	0.
37 GRAIN COMBINE	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	0.	25.	4.	9.
38 TRUCK 2 TON	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.	13.	4.	9.
													SHARE	SHARE	POWER	SYSM		
													FIXED %	VAR %	UNIT	CODE	LIFT	
49 ACIN IRRIG WATER	0.00	0.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.	132.	100.	
50 NO. TIMES IRRIG	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

EQUIPMENT REQUIREMENTS

	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
51 FARM SHOP	1.000	0.270	0.	2.	5.	0.
52 SHOP TOOLS&EQUIP	1.000	0.270	0.	4.	5.	0.
53 STORAGE SHED	1.000	0.270	0.	8.	5.	0.

LAND REQUIREMENTS

	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE COST/ACRE
71	1.	720.00	1000.00	15.00	0.0

BASED ON 200 ACRES OF BARLEY - DOUBLE CROPPED
 YIELD OF 35 CWT PER ACRE ON CLASSII SOILS (SCS)
 TYPICAL CULTURAL PRACTICES REPRESENTED

MACHINERY COMPLEMENT 5
 EQUIPMENT COMPLEMENT 1

DATE: UPDATED 09/27/78

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

PARAMETER CHGS-->	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
11.		3.000000	12.	4.000000								