

Barley #189

TITLE: SAMPLE COSTS TO PRODUCE DRYLAND BARLEY  
YOLO COUNTY 1979-1980  
BY LAURENCE CLEMENT, FARM ADVISOR

BL-SV-80-2

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
BARLEY	TON	120.000	2.000	\$ 240.00	
<b>TOTAL RECEIPTS:</b>				\$ 240.00	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
FERTILIZER	LBS.	0.230	80.000	18.40	
WHEAT, SEED	LBS.	0.100	100.000	10.00	
2,4-D	ACRE	2.000	1.000	2.00	
CUSTOM AIR HERB	ACRE	4.000	1.000	4.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			10.78	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			5.14	
MACHINERY LABOR	HOURL	5.450	1.513	8.25	
INTEREST ON OPERATING CAP.	DOL.	0.119	40.027	4.68	
<b>TOTAL PREHARVEST COSTS:</b>				\$ 63.24	
<b>PREHARVEST COST PER TON</b>				\$ 31.6217	
<b>HARVEST:</b>					
CUSTOM HAULING	TON	4.000	2.000	8.00	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			3.71	
MACHINERY LABOR	HOURL	5.450	0.330	1.80	
<b>TOTAL HARVEST COSTS:</b>				\$ 13.51	
<b>HARVEST COST PER TON</b>				\$ 6.7525	
<b>TOTAL VARIABLE COSTS:</b>				\$ 76.75	
<b>VARIABLE COST PER TON</b>				\$ 38.3747	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				\$ 163.25	
<b>INCOME PER TON</b>				\$ 81.6253	
<b>4. CASH OVERHEAD:</b>					
SHARE RENT:				79.20	
MISC. OFFICE & BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)				1.92	
<b>TOTAL CASH OVERHEAD:</b>				\$ 81.12	
<b>OVERHEAD COST PER TON</b>				\$ 40.5594	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>				\$ 82.13	
<b>INCOME PER TON</b>				\$ 41.0660	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			8.06	
<b>TOTAL DEPRECIATION:</b>				\$ 8.06	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY & EQUIPMENT		0.119	52.107	6.20	
<b>TOTAL INTEREST CHARGE:</b>				\$ 6.20	
<b>TOTAL FIXED COSTS:</b>				\$ 14.26	
<b>FIXED COST PER TON</b>				\$ 7.1318	
<b>7. TOTAL OF ABOVE COSTS:</b>				\$ 172.13	
<b>TOTAL COST PER TON</b>				\$ 86.0659	
<b>8. NET RETURNS:</b>				\$ 67.87	
<b>NET RETURNS PER TON</b>				\$ 33.9341	

BASED ON A 1920 ACRE FARM  
GROWING 500 ACRES OF BARLEY  
SHARE RENT BASIS

UPDATED 03/11/80

BUDGET IDENTIFICATION NUMBER 211480000 502 1  
DATE PRINTED: 03/11/80

BUDGET RECORD NUMBER 189  
HARVEST MONTH: 6

1979 default data

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 HARVEST OR SALE MONTH 6

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SAMPLE COSTS TO PRODUCE DRYLAND BARLEY  
 YOLO COUNTY 1979-1980  
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COSTS AND RETURNS WILL BE  
 DIVIDED BY 2.0 TON  
 TO OBTAIN PER TON COSTS

LINE PRODUCTION	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 ITEM CODE	17 TYPE	18 XXXX
1 BARLEY	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	120.000	0.330	3.	11.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE RENT	UNIT CODE	ITEM CODE	TYPE	HARV CODE
6 FERTILIZER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00	0.00	0.00	0.230	0.000	12.	201.	3.	0.
8 WHEAT, SEED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.100	0.000	12.	134.	3.	0.
9 2,4-D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.000	0.000	7.	251.	3.	0.
10 CUSTOM AIR HERB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	4.000	0.000	7.	373.	3.	0.
11 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	4.000	0.000	3.	306.	3.	9.
MACHINERY REQUIREMENTS																		
	IMPLEMENTS = TIRES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW LABOR	POWER UNIT	MACH CODE	TYPE	HARV CODE	
26 STUBBLE DISC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.000	0.000	10.	67.	4.	0.
27 SPIKENARROW/CART	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.000	0.000	10.	71.	4.	0.
28 CRAWLER 85 HP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.000	0.000	0.	10.	4.	0.
29 GRAIN DRILL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.000	0.000	3.	107.	4.	0.
30 GRAIN COMBINE	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	0.	25.	4.	9.

EQUIPMENT REQUIREMENTS

NUMBER UNITS PROPORT OF COST XXX EQUIP TYPE XXXX CODE

LAND REQUIREMENTS

CHARGE METHOD NUMBER OF ACRES VALUE CR COST/ACRE TAXES PER ACRE PERENNIAL CROPS YRS LIFE COST/ACRE

71

3. 500.00 0.00 0.00 0.0

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MACHINERY COMPLEMENT 5  
 EQUIPMENT COMPLEMENT 1

UPDATED 03/11/80

\*\*\*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
1.		0.900000	3.	0.870000								

1979 default data

IDENTIFICATION NUMBER 211480000 502 1

HARVEST MONTH 6

BUDGET RECORD NUMBER 189

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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	240.00	0.00	0.00	0.00	0.00	0.00	0.00	240.00
OPERATING EXPENSES														
FERTILIZER	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.40	0.00	0.00	18.40
WHEAT, SEED	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	10.00
2,4-D	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00
CUSTOM AIR HERB	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	4.00
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	1.80	0.00	2.06	3.37	2.81	0.00	0.00	10.04
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.90	2.77	0.00	0.35	4.68
TRACTOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.87	4.70	3.21	0.00	0.00	10.78
EQUIPMENT COST	\$/AC	0.00	0.00	0.00	0.00	0.00	3.71	0.00	1.86	2.16	1.12	0.00	0.00	8.85
TOTAL EXPENSES	\$/AC	0.00	0.00	0.00	0.00	0.00	13.51	0.00	7.46	11.13	38.30	0.00	6.35	76.75

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.38	0.62	0.52	0.00	0.00	1.84

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	14500.	5.	2800.	0.14	0.11	0.01	0.27	0.78	0.12	0.47	1.37	0.249
CRAWLER 85 HP	10	85.0	55000.	7.	2500.	2.20	2.03	0.25	4.48	4.66	0.70	4.05	9.41	1.126
GRAIN COMBINE	25	18.0	41200.	7.	280.	4.09	3.11	0.40	7.61	1.45	0.22	2.04	3.71	0.275
STUBBLE DISC	67	10.0	9500.	4.	780.	1.20	0.62	0.08	1.90	0.00	0.07	3.65	3.72	0.625
CHARRROW&CART	71	20.0	2400.	3.	1000.	0.09	0.04	0.00	0.14	0.00	0.01	0.29	0.30	0.199
DRILL	107	14.0	4500.	10.	250.	0.34	0.29	0.04	0.66	0.00	0.02	1.10	1.12	0.227
MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE			254.			6.06	6.20	0.79	15.05	6.89	1.13	11.60	19.62	

TOTAL INVESTMENT 127100.

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UC Cooperative Extension