

## BARLEY-DRYLAND - PROFITS AS AFFECTED BY YIELD AND PRICE

YIELD Cwt/Acre	Harvesting Costs/Acre	Barley-Dryland - Price Per Cwt.						
		\$ 2.10	\$ 2.20	\$ 2.30	\$ 2.40	\$ 2.50	\$ 2.60	\$ 2.70
cwt.	\$	\$ - Profit or Loss Per Acre						
20	12.00	-11.71	-10.21	- 8.71	- 7.21	- 5.71	- 4.21	- 2.71
22	13.20	- 9.76	- 8.11	- 6.46	- 4.81	- 3.16	- 1.51	+ 0.14
24	14.40	- 7.81	- 6.01	- 4.21	- 2.41	- 0.61	+ 1.19	+ 2.99
26	15.60	- 5.86	- 3.91	- 1.96	- 0.01	+ 1.94	+ 3.89	5.84
28	16.80	- 3.91	- 1.81	+ 0.29	+ 2.39	+ 4.49	6.59	8.69
30	18.00	- 1.96	+ 0.29	+ 2.54	+ 4.79	7.04	9.29	11.54
32	19.20	- 0.01	+ 2.39	4.79	7.19	9.59	11.99	14.39
34	20.40	+ 1.94	4.49	7.04	9.59	12.14	14.69	17.24
36	21.60	+ 3.89	6.59	9.29	11.99	14.69	17.39	20.09
38	22.80	5.84	8.69	11.54	14.39	17.24	20.09	22.94
40	24.00	7.79	10.79	13.79	16.79	19.79	22.79	25.79
42	25.20	9.74	12.89	16.04	19.19	22.34	25.48	28.64
44	26.40	11.69	14.99	18.29	21.59	24.89	28.19	31.49
46	27.60	13.64	17.09	20.54	23.99	27.44	30.89	34.34
48	28.80	15.59	19.19	22.79	26.39	29.99	33.59	37.19
50	30.00	17.54	21.29	25.04	28.79	32.54	36.29	40.04

Rent is based on 1/4 crop yield.

The cost of rent, threshing, hauling, cleaning and storage vary with yield per acre.

The market value of the barley also vary the rent cost per acre.

AGRICULTURAL EXTENSION SERVICE  
UNIVERSITY OF CALIFORNIA  
SANTA BARBARA COUNTY  
WEB/EAY:sd  
4/20/71:300c.

UC Cooperative Extension

FARM & HOME ADVISORS' OFFICE  
140 East Carrillo Street  
P. O. Box 126  
Santa Barbara, California  
93102

BARLEY - DRYLAND  
Santa Barbara County - 1971  
Cost Analysis Work Sheet

BARLEY-DRYLAND YIELD - 2500 lbs./acre

Operating Costs/hour

Operation	Trac- tor	Acres /hour	Hours /acre	Labor \$	Fuel & Repairs \$	Materials		Cost/Acre Sample	Yours
						Kind and Amount	Costs		
Equipment Operator - \$2.60* per hr. total									
Hand Labor - 2.10* " " "									
						CT-Crawler tractor 75 hp	Fuel & Repairs \$3.80 Deprec. \$2.00	\$1.20	\$7.00
						WT-Wheel tractor 50 hp	1.20 1.40	.55	3.15
<u>Cultural Costs</u>		Ac.	Hr.	\$	\$			\$	\$
Disc 2x	CT	2.0	.5	1.30	1.90				3.20
Subsoil (1/2 acreage each yr.)	CT	3.3	.3	.78	1.14				1.92
Fertilizer						Nitrogen-40 lbs/acre applied	\$ 5.60		5.60
Plant	WT	5.0	.2	.52	.24	Seed-70 lbs/acre @ \$5.50	3.85		4.61
Weed Control						2,4-D applied	3.25		3.25
Repairs to equipment					1.95				1.95
Miscellaneous		10.0	.1	.26	.38		1.30		1.94
<u>Total Cultural Costs</u>			1.1	\$2.86	\$5.61		\$14.00		\$22.47
<u>Harvesting Costs</u>									
Combine						2500 lbs @ .45	11.25		11.25
Haul to storage						2500 lbs @ .15	3.75		3.75
<u>Total Harvesting Costs</u>							\$15.00		\$15.00
Rent						25% of 2500 lbs @ \$2.25			14.06
Business & miscellaneous costs						6% of cultural, harvest cost & rent			3.09
<u>Depreciation &amp; Interest</u>						Depreciation	Interest 7%		
						CT-crawler tractor 75 hp - .8 hr.	\$1.60	\$ .96	
						WT-wheel tractor 50 hp - .2 hr.	.28	.11	
						Other equipment	2.00	.70	
<u>Total Depreciation &amp; Interest</u>							\$3.88	\$1.77	\$ 5.65
<u>Total Cost Per Acre</u>									\$60.27
<u>Cost per CWT.</u>									2.41

\*Social Security, Workman's Compensation Insurance included.