

AGRICULTURAL EXTENSION SERVICE
UNIVERSITY OF CALIFORNIA

Sample Production Costs BARLEY in Brentwood Area of Contra Costa County, 1967

Based on yield of 4000 lbs/acre on land double-cropped to lettuce

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OPERATION	Hours/ Acre	Cash & Labor Costs Per Acre			TOTAL
		Labor	Fuel & Repair	Materials & Other Costs	
Disk 2X	.5	1.00	1.14		\$ 2.14
Harrow	.25	.50	.37		.87
Drill	.25	.50	.52	Seed 100# at 4.00	5.02
Fertilize	.25	.50	.32	40#N at .10/lb app. .50/acre	4.82
Irrigate 1X	1.0	1.78		Water 1 Acre ft. at \$7.50/Acre ft.	9.28
Ditch Work	.35	.70	.51		1.21
TOTAL CULTURAL COST	2.60	4.98	2.86	<u>14.00</u>	\$23.34
Combine				Contract \$5.50/Ton	11.00
<u>CASH OVERHEAD COST</u>					
Miscellaneous, Insurance, Office Accounting, etc.					1.71
Taxes on Equipment					.68
Rent Allocated to Barley Crop					27.00
5% Management Charge on 2 Tons at \$45.00/Ton					4.50
<u>INVESTMENT IN EQUIPMENT FOR BARLEY</u>					
			<u>Per Acre</u>	<u>Dep.</u>	<u>6% Int.</u>
TOTAL INVESTMENT			21.50	2.15	.65
<u>TOTAL COST PER ACRE</u>					
					71.03
			Cost Per 100 at 4000# Yield		1.77
			Cost Per 100 at 3000# Yield		2.27

EQUIPMENT LIST FOR BARLEY PRODUCTION

Wheel Tractor 50 H.P.	7,500	10% barley	\$ 750.00
Disk	2,000	10% barley	200.00
Harrow	500	10% barley	50.00
Grain Drill	1,000	100% barley	1000.00
Ditching Equipment	500	10% barley	50.00
Irrigation Equipment	100	100% barley	100.00
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TOTAL	11,600		\$2150.00

INFORMATION ON PRODUCTION COST TO HELP CLARIFY DATA

1. Data is based on 100 acre operation, double cropped to lettuce, with 10% of most of the equipment charged to barley.
2. New cost of equipment used to figure depreciation and interest.
3. Depreciation is on a per-acre basis on ten years life. Interest is figured on 1/2 the cost per acre at 6%.
4. Labor rates at:
 - a. \$2.00/hour for tractor and equipment operation.
 - b. \$1.78/hour for other labor.
5. Tractor charges include fuel and repairs.

Wheel tractor 50 H.P. at \$1.27/hour

Fuel costs: a. Gasoline at 20¢/gallon
b. Diesel at 16¢/gallon