SAMPLE COST TO PRODUCE WHEAT, OATS & BARLEY - OWNER-OPERATED

Production Data: 2,000 acre farm — 1,000 acres cropped each year

Labor rate: $1.90/hr. incl. SS. & W.C.

Yield 1600 lbs.

Operation	Hours Per Acre	Cash and labor cost per acre: Labor	Fuel & Repairs	Materials: Kind and Quantity	Materials: Cost	Total
Cultural Costs						
Fallow Year						
Plow	0.20	0.38	0.82			1.20
Disk	0.30	0.57	1.58			2.15
Crop Year						
Planting	0.15	0.28	0.67			0.95
Fertilizer				25N @ 0.10	2.50	2.50
				13P @ 0.25	3.25	3.25
Seed				80 lbs seed @ 4.00	3.20	3.20
Weed Control				Contract plane	1.50	1.50
				3/4 lb 2,4-D	0.60	0.60
Equipment Repair	0.50	0.90				0.90
TOTAL CULTURAL COSTS:	1.15	2.13	3.07		11.05	16.25
Harvest Costs						
Combine	0.25	0.48	1.11			1.59
Haul	0.20	0.38	0.52			0.90
TOTAL HARVEST COSTS:	0.45	0.86	1.63			2.49
Cash Overhead						
Misc., office, etc.	@5% of above costs					0.94
Taxes	$150 ÷ 4 = 37.50 X tax rate (2 yrs)				2.63	5.26 2.50
TOTAL CASH OVERHEAD:						6.20
TOTAL CASH & LABOR COSTS:						24.94
Management 5% of 16 cwt @ 2.30						1.84

INVESTMENT	Per Acre	Annual Cost: Depreciation	Interest 6%	
Land	$150.00 @ 6% = #9	-	$18.00 (2 yrs)	
Buildings	9.00 per crop acre	0.65	0.27	
Equipment	59.00 per crop acre	4.96	1.76	
Total:	$218.00	5.61	20.03	25.64
TOTAL COST PER ACRE:				52.42
Cost per cwt	16 cwt yield			3.28

Prepared by:

Robert T. Petersen
Farm Advisor, Placer County

Philip S. Parsons
Extension Economist

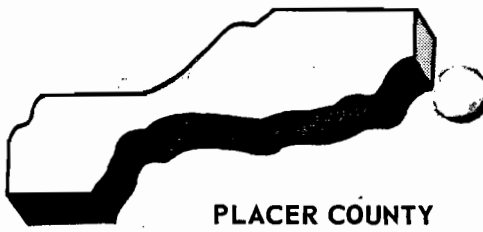
UC Cooperative Extension

AGRICULTURAL EXTENSION SERVICE UNIVERSITY OF CALIFORNIA

SAMPLE PRODUCTION COSTS

From Your Farm and Home Advisors' Office

358 Elm Avenue, Auburn, California 95603 Telephone 885-4551



PLACER COUNTY

WHEAT, OATS AND BARLEY - OWNER-OPERATED

Placer County cereal grain acreage in 1966 totaled: Barley - 1,500; Oats - 8,200; and Wheat - 7,330. Cereal grains are grown in the Valley area of the County. Dry-farmed grain is grown under the summer fallow system, i.e. a crop is grown every other year.

Soils: Most of the dry-farmed cereals are grown on the San Joaquin, Rocklin, and Whitney soils.

Varieties: Popular varieties include: Atlas, Arivat and Grande barley; Sierra Curt and California Red Oats; Pitic 62, Onas 53 and Nainari wheat.

Planting: September, October and November are the usual planting months. Some winter sowing is done during January and February. 70 to 85 pounds seed is planted per acre.

Fertilization: 16 to 30 pounds nitrogen and 9 to 17 pounds phosphorus (20-40 lbs. P_2O_5) applied per acre at planting time is the common practice.

Harvesting: Most grain is harvested in June and July. Grain is combined when the grain is below 15% moisture.

Weed Control: Most broad-leaved weeds can be controlled with 2,4-D and other chemical sprays. Time and rate of application is critical.

The Sample Cost of Production is based on a 2,000 acre owner-operated farm. Half of the acreage is summer fallowed each year and half is used to produce dryland grain.

The interest and depreciation are based on a $59,000 investment for equipment including a 90 hp. track layer, two plows, an offset disk, two grain drills, a harrow, a self-propelled combine, two trucks, an auger and a pick-up. Investment for buildings is $9,000 for a machine shed, shop and grain storage. Investment for land is $300,000 for 2,000 acres.

PRODUCTION COSTS FOR VARYING YIELDS

	Yield in pounds per acre					
	1,000	1,200	1,400	1,600	1,800	2,000
Total Cash and Depreciation Cost	3.06	2.55	2.18	1.91	1.70	1.53
Total Cost Including Interest & Management fee	5.18	4.33	3.73	3.28	2.93	2.64

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SAMPLE COSTS TO PRODUCE WHEAT, OATS & BARLEY ON RENTED LAND

Production data: 2,000 acre farm — Labor rate: $1.90/hr. incl. SS. & WC
1,000 acres cropped annually

Yield 1600 lbs.

Operation	Hours Per Acre	Labor	Fuel & Repairs	Materials Kind & Quantity	Materials Cost	Total
Cultural costs						
Fallow Year						
Plow	0.20	0.38	0.82			1.20
Disk 2x	0.30	0.57	1.58			2.15
Crop Year						
Planting	0.15	0.28	0.67			0.95
Fertilizer				25N @ 0.10	2.50	2.50
				13P @ 0.25	3.25	3.25
Seed				80 Lbs/A @ 4.00	3.20	3.20
Weed Control				Contract plane	1.50	1.50
				3/4 lb 2,4-D Amine	.60	0.60
Equipment Repair	0.50	0.90				0.90
TOTAL CULTURAL COSTS	1.15	2.13	3.07		11.05	16.25
Harvest costs						
Combine	0.25	0.48	1.11			1.59
Haul	0.20	0.38	0.52			0.90
TOTAL HARVEST COSTS	0.45	0.86	1.63			2.49
Cash overhead						
Misc., office, etc.		@ 5% of above costs				0.94
Rent		¼ gross ($9.20) - ¼ fertilizer ($1.44)				7.76
TOTAL CASH OVERHEAD						8.70
TOTAL CASH & LABOR COST						27.44
Management	5% of 16 cwt @ 2.30					1.84

INVESTMENT	Per Acre	Annual Cost Depreciation	Interest 6%	
Land	-	-	-	
Buildings	9.00 per crop acre	0.65	0.27	
Equipment	59.00 per crop acre	4.96	1.49	
Total	68.00	5.61	1.76	7.37
TOTAL COST PER ACRE				36.65
Cost per cwt @ 16 cwt yield				2.29

Prepared by:

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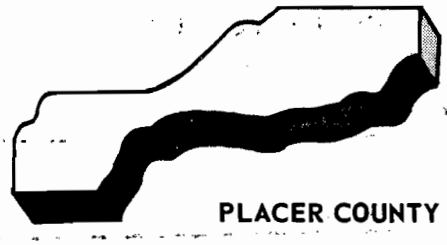

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PRODUCTION COSTS FOR VARYING YIELDS

	Yield in pounds per acre					
	1,000	1,200	1,400	1,600	1,800	2,000
Total Cash and Depreciation Cost	2.96	2.56	2.28	2.07	1.90	1.77
Total Cost Including Interest & Management Fee	3.25	2.82	2.52	2.29	2.11	1.97

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