

Table 32. A Standard of Inputs and Costs for Barley Production in the Sacramento or San Joaquin valleys, based on a yield of 1,600 pounds, handled in sacks, grown in rotation, not on summer fallow.

	Man	26 h.p.	1½-ton	Cost	Cost
	labor	tractor	truck	per acre	per cwt.
	Hours per acre			Dollars	
Plowing or disking	.8	.8		1.24	.08
Harrowing, dragging, etc.	.2	.2		.31	.02
Seeding	.4	.2	.1	.52	.03
Total cultural labor	1.4	1.2	.1	2.07	.13
Combining, combine engine 50¢ per acre	2.0	.5		1.73	.11
Hauling, field to warehouse	.4		.2	.42	.03
Total labor cost	3.8	1.7	.3	4.22	.27
Seed 100 lb. at \$1.10				1.10	.07
Sacks and twine at 8¢ per cwt.				1.28	.08
Total material costs				2.38	.15
General expense, 5% of above				.33	.02
County taxes, \$50 at \$3.00				1.50	.09
Machinery repairs				.50	.03
Compensation, fire and other insurance				.30	.02
Total cash-overhead				2.63	.16
Subtotal, current cash costs				9.23	.58
Investment and investment overhead based on a 400-acre unit	Original cost	Average investment	5% interest	Depreciation	
	Dollars per acre				
Buildings for eqt., fences, etc.	4.00	2.00	.10	.15	
Tillage equipment	2.00	1.00	.05	.15	
Seeding equipment	.30	.15	.01	.02	
Combine, etc.	6.00	3.00	.15	.30	
Small tools and misc.	.60	.30	.01	.06	
Land	100.00	100.00	5.00		
Total investment	112.90	106.45			
Total depreciation				.68	.04
Subtotal, cash costs and depreciation				9.91	.62
Total interest on investment			5.32	5.32	.33
Total all costs				15.23	.95
Less value of stubble pasture				.75	.05
Net cost of grain				14.48	.90

Labor costs are computed at the following hourly rates: man labor \$0.30; 26-drawbar horsepower tractor, \$1.25; 1½-ton truck, \$1.50. The above rates, as well as investment and depreciation are based on the use of facilities for a 400-acre grain farm or its equivalent in use of such equipment.

The above standard of costs is designed to fit good valley lands where land is cropped or pastured each year, but where irrigation is not feasible. If crops were alternated with summer fallow the tillage would be increased by about \$1.00 an acre and two years of taxes and interest on land would have to be included. However, the value of land which must be summer-fallowed is lower, so overhead costs might remain about the same as above. Bulk handling of grain would reduce the harvesting costs by about the costs of sacks, or 8 to 10 cents a hundredweight.

The above costs may be considered as roughly applicable to wheat or other small grains where yield is about the same. The next page shows costs for varying yields as "Grain Costs."