

Table 34. A Standard of Labor, Material, and Other Costs of Producing Beans in the Sacramento and San Joaquin valleys, with a yield of 1,000 pounds per acre.

	Man labor	Horse labor	26 h.p. tractor	1½-ton truck	Cost per acre	Cost per cwt.
	Hours per acre				Dollars	
Plowing	1.1		1.0	.1	1.76	.18
Other tillage	2.1	2.0	1.0	.1	2.26	.22
Total land preparation	3.2	2.0	2.0	.2	4.02	.40
Planting and hauling seed, etc.	1.2	2.2		.1	.71	.07
Crop cultivation	2.0	4.0			1.00	.10
Hoeing	3.0				.90	.09
Irrigation, 3 times	3.0				.90	.09
Miscellaneous	2.0	1.0	.2	.1	1.09	.11
Total cultural labor	14.4	9.2	2.2	.4	6.62	.86
Cutting	2.2	2.2			.88	.09
Piling or shocking	3.0				.90	.09
Threshing	7.0	6.0	.8	.1	3.87	.39
Hauling	.7			.5	.86	.08
Total labor cost	27.3	17.4	3.0	1.0	15.13	1.51
Irrigation water, district charge, about 18-24 inches					4.50	.45
Seed					1.25	.13
Sacks and twine					.90	.09
Miscellaneous					.20	.02
Total material cost					6.85	.69
General expense					1.10	.11
County taxes, on \$75 at a \$2.00 rate					1.50	.15
Machinery repairs					.75	.07
Compensation insurance					.10	.01
Total cash-overhead costs					3.45	.34
Subtotal, current cash costs					25.43	2.54
Investment and investment overhead based on a 150-200 acre unit	Original cost	Average investment	5% interest	Depreciation		
	Dollars per acre					
General improvements	4.00	2.00	.10	.10		
Irrigation equipment, etc.	2.00	1.00	.05	.20		
Tillage tools	4.00	2.00	.10	.40		
Planter	.80	.40	.02	.08		
Cutting and threshing eqt.	10.00	5.00	.25	.60		
Miscellaneous	1.00	.50	.03	.10		
Land	160.00	160.00	8.00			
Total investment	181.80	170.90				
Total depreciation				1.48	1.48	.15
Subtotal, cash costs and depreciation					26.91	2.69
Interest on investment			3.55		3.55	.86
Total all costs					35.46	3.55

The above table presents a standard of costs for dry bean production in the Sacramento and San Joaquin valleys. Low cost ditch-water is assumed. The variety would make very little difference in costs per acre except for harvesting which would vary with the yield. Quantity and cost of seed would, of course, vary from the above allowance of \$1.25 an acre. No fertilization is included and no credit allowed for straw.

Labor costs are computed at the following hourly rates: man labor, \$0.30; horse labor, \$0.10; 26-drawbar horsepower tractor, \$1.30; 1½-ton truck, \$1.30. These rates and investment and depreciation are about as they would occur on a large general farm of 150 to 200 acres. Planter and thresher are assumed to serve 200 acres of beans.