

BLACKEYE BEANS - SINGLE CROP - 1983

Cost Analysis Work Sheet

Sample costs to produce blackeye beans in Fresno County. Based on a yield of 2240 lbs. per acre field run (2000 lbs. clean basis). Field labor \$5.50 per hour cost to grower, and equipment operator \$6.50. Wheel tractor per hour cash cost \$11.40, depreciation \$3.00, and interest \$2.40. Field run weight is 10% over clean weight.

	SAMPLE	
	Per Acre	My Costs Per Acre CWT
PRE-HARVEST CASH COSTS:		
Land preparation: 3 hr. labor & tractor	53.70	
Plant: 1/2 hr. labor & tractor	8.95	
Seed: 35 lbs. @ 40¢	14.00	
Irrigate: 1 pre & 5 crop - 8 hrs. labor	44.00	
Water: 2-1/2 ac. ft. @ \$25.00	62.50	
Cultivate 3 X, 1-1/2 hrs. labor & tractor	26.85	
Pest control: custom, materials & application, 2 X	30.00	
Misc. labor, tractor 1/2 hr., materials	12.00	
Land rent	125.00	
Repairs, except tractor	17.00	
Weed Control material 1/2 hr. labor & tractor	18.40	
Office & business costs - 9% of cash costs	49.86	
TOTAL PRE-HARVEST COSTS	462.26	23.11
HARVESTING COSTS		
Cut and windrow: 38" rows, custom	24.00	
Harvest: \$12/ac. plus \$1.20/cwt field run	38.40	
Haul: 30¢/cwt field run	6.60	
Reclean, fumigate: \$3.30 CWT		
Research & promotion, field	72.60	
Sack @ 60¢, storage run basis		
TOTAL HARVESTING COSTS	141.60	7.08
TOTAL CASH COSTS	603.86	30.19
DEPRECIATION		
Tractor: 6 hrs. @ \$3.00/hr.	18.00	
Other equipment \$100 - 10 yrs.	10.00	
TOTAL DEPRECIATION	28.00	1.40
INTEREST ON INVESTMENT @ 12%		
Tractor: 6 hrs. at \$2.40	14.40	
Other equipment 1/2 cost \$50	6.00	
TOTAL INTEREST ON INVESTMENT	20.40	1.02
TOTAL COST OF PRODUCTION	652.26	32.61

Sample Costs at Various Yields and Water Cost

Water @ \$25.00 per acre foot

Yield: lbs. per acre, clean	1600	2000	2400	2800	3200
Cash costs per cwt.	36.42	30.19	26.00	23.08	20.85
Total costs per cwt.	39.47	32.61	28.05	24.80	22.36

Water @ \$50.00 per acre foot

Yield: lbs. per acre, clean	1600	2000	2400	2800	3200
Cash costs per cwt.	40.33	33.32	28.64	25.31	22.80
Total costs per cwt.	43.37	35.74	30.66	27.03	24.31

Don May
Farm Advisor

E. A. Yeary
Statewide Farm Advisor

Fresno County
Farm & Home Advisors Office
University of California
Cooperative Extension
1720 South Maple Ave.
Fresno, CA 93702