

COOPERATIVE EXTENSION
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MADERA COUNTY

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Sample Cost To Produce Blackeye Beans
In
Madera and Merced Counties - 1983

By

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The first step in intelligent crop planning is an objective analysis of production cost and potential profits. The sample costs on the reverse side of this page are for blackeye beans in Madera and Merced Counties. The figures used are from the latest and most reliable sources available and are based on good management practices.

A suggested way to use the sample cost sheet is to insert your actual costs in the blank column and use the sample costs only when actual costs are not known. Overhead fixed cost may be omitted when comparing alternate crops.

Sincerely,



RON VARGAS
Farm Advisor

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BLACKEYE BEANS
Cost Analysis Work Sheet

Sample costs to produce blackeye beans in Madera and Merced Counties. Based on a yield of 2200 lbs. per acre field run (2000 lbs. clean basis). Field labor \$5.50 per hour total cost to grower, and equipment operator \$6.50. Wheel tractor per hour cash cost \$12.80, depreciation \$3.25 and interest \$2.28. Field run weight is 10% over clean weight.

	Sample Costs		My Costs	
	Per Acre	Per CWT	Per Acre	Per CWT
<u>Pre-Harvest Cash Costs</u>				
Land preparation: 3 hr. labor & tractor	\$57.90			
Plant: ½ hr. labor & tractor	9.65			
Seed: 35 lbs. @ 30¢ inoculated	10.50			
Irrigate: 1 pre & 5 crop - 6 hrs. labor	33.00			
*Water: 2½ a.f. @ \$7.50	18.75			
Cultivate: 3X, 1½ hrs. labor & tractor	28.95			
Pest control: materials & application, 2X	24.50			
Misc. labor, tractor ½ hr., materials	18.00			
County taxes	25.00			
Repairs, except tractor	20.00			
Office & business costs	36.75			
TOTAL PRE-HARVEST COSTS	\$283.00	\$14.15		
<u>Harvesting Costs</u>				
Cut and windrow: 38" rows, custom	22.00			
Harvest: \$2.50/cwt field run	55.00			
Haul: \$5.50 ton field run - up to 20 miles	6.05			
Reclean, fumigate				
Research & promotion				
Sack @ 45¢, storage @ \$3.50 cwt clean basis	79.00			
TOTAL HARVESTING COSTS	\$162.05	8.10		
TOTAL CASH COSTS	\$445.05	\$22.25		
<u>Depreciation</u>				
Irrigation system: \$280, 20 yrs.	14.00			
Tractor: 5½ hrs. @ \$3.25 hr	17.88			
Other equipment: \$120 - 10 yrs.	12.00			
TOTAL DEPRECIATION	\$43.88	2.19		
<u>Interest on Investment @ 12%</u>				
Irrigation system ½ cost \$140	16.80			
Tractor: 5½ hrs. @ \$2.28	12.54			
Other equipment ½ cost \$60	7.20			
Land: \$3000	360.00			
TOTAL INTEREST ON INVESTMENT	\$396.54	\$19.83		
TOTAL COST OF PRODUCTION	\$885.47	\$44.27		

*Available district taxes must be added to water cost.

SAMPLE COSTS AT VARYING YIELDS

Yield: lbs. per acre	1600	2000	2400	2800	3200
Cash-Costs per CWT.	\$26.06	\$22.25	\$19.71	\$17.89	\$16.53
Total Costs Per CWT.	\$53.59	\$44.27	\$38.06	\$33.62	\$30.30

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