

BLACKEYE BEANS MERCED COUNTY

Cost Analysis Work Sheet - 1986

Sample costs to produce blackeye beans in Merced County. Based on a yield of 2200 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 \$12.80, depreciation \$3.25 and interest \$2.28. Field run weight is 10% over clean weight.

	Sample per acre	Costs per cwt	My Costs per acre per cwt	
Pre-Harvest Cash Costs:				
Land preparation: 3 hr. labor	\$57.90			
Plant: 0.5 hr. labor & tractor	9.65			
Seed: 35 lbs. @ 30c inoculated	10.50			
Irrigate: 1 pre & 5 crop-6 hrs labor	33.00			
Water: 2.5 a.f. @ \$7.50	18.75			
Cultivate: 3X, 1.5 hrs.	28.95			
Pest control: mats. and applic. 2X	24.50			
Misc. labor tractor 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		
Harvesting Costs				
Cut and Windrow: 38" rows, custom	22.00			
Harvest: \$2.50/cwt field run	55.00			
Haul: \$5.50/ton field run-20 mi.	6.05			
Reclean, fumigate, research & pro- motion, sack @ 45c, storage @ \$3.50 cwt clean basis	79.00			
TOTAL HARVESTING COSTS	\$162.05	\$8.10		
TOTAL CASH COSTS	\$445.05	\$22.25		
Depreciation				
Irrigation system: \$280, 20yrs.	14.00			
Tractor: 5.5 hrs. @ \$3.25/hr.	17.88			
Other equipment: \$120 - 10 yrs.	12.00			
TOTAL DEPRECIATION	\$43.88	\$2.19		

(over)

Interest on Investment @ 12%

Irrigation system (0.5 cost) \$140	16.80
Tractor: 5.5 hrs @ \$2.28	12.54
Other equipment (0.5 cost) \$60.	7.20
Land: \$3000	360.00

TOTAL INTEREST ON INVESTMENT \$396.54 \$19.83

TOTAL COST OF PRODUCTION \$885.47 \$44.27

**SAMPLE COSTS OF PRODUCTION
AT VARYING YIELDS**

YIELD: LBS. PER ACRE	1600	2000	2400	2800	3200
CASH COSTS PER CWT	\$26.06	\$22.25	\$19.17	\$17.89	\$16.53
TOTAL COSTS / CWT	\$53.59	\$44.27	\$38.06	\$33.62	\$30.30

**Bill L. Weir
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Merced County**