

UNIVERSITY of CALIFORNIA

COOPERATIVE EXTENSION

MADERA COUNTY

- 328 MADERA AVENUE
- MADERA, CALIFORNIA 93637
- (209) 675-7879

SAMPLE COST TO PRODUCE
BLACKEYE BEANS - DOUBLE CROPPED
IN
MADERA COUNTY - 1990

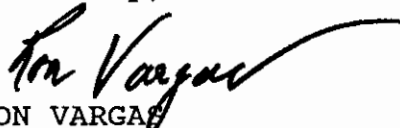
By

RON VARGAS, Farm Advisor, Madera County

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 producing blackeye beans in Madera County. The figures used are from the latest and most reliable sources available and are based on good management practices. Water cost was based on irrigation district cost.

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

RV/nj

BLACKEYE BEANS - DOUBLE CROPPED
MADERA COUNTY - 1990

	YIELD	CASH	DEPR.	INTERES
Yield: CWT/acre field run	22			
CWT/acre clean basis	20			
Field labor per hour		5.60		
Equipment operator per hour		6.00		
Wheel tractor per hour - 80 hp		8.71	2.75	2.13
Wheel tractor per hour - 130 hp		12.16	5.00	3.87
			SAMPLE COSTS	
PRE-HARVEST CASH AND OVERHEAD COSTS:			Per Acre	Per CWT
Land preparation 3 hrs. labor & tractor 1-130hp, 2-80hp			47.58	
Preplant Herbicide:				
material - 6.94, application - 8.75			15.69	
Plant 1/4 hr./acre - labor and tractor			3.68	
Seed: 35 lbs. @ \$.30 inoculated			10.50	
Irrigate: 1 pre and 5 crop 6 hrs. labor			33.60	
water: 2 1/2 acre ft. @ \$13.00			32.50	
Cultivate 3X .5 hrs. labor and tractor			22.07	
Pest Control: materials - 20.80			20.80	
application - 2 X 5.00			10.00	
Taxes - (County and Irrigation District) - 1/2-\$31.55			15.78	
Misc. labor, materials, tractor .5 hr.			10.00	
Repairs (except tractor)			19.10	
Office and business costs			20.00	
TOTAL PRE-HARVEST COSTS			261.29	13.06
HARVEST COSTS:				
Cut and windrow: 38" rows, custom			25.00	
Harvest: \$2.50/cwt field run			55.00	
Haul: \$5.50/ton field run - up to 20 miles			6.05	
Reclean, fumigate				
Research & promotion				
Storage @ \$3.50 cwt clean basis			70.00	
TOTAL HARVEST COSTS			156.05	7.80
TOTAL CASH AND OVERHEAD COSTS			417.34	20.87
DEPRECIATION				
Irrigation system \$280 20 years			7.00	
Tractor 5.5 hrs. @ \$2.75, 1 hr. @ \$5.00			20.13	
Equipment			9.50	
TOTAL DEPRECIATION			36.63	1.83
INTEREST ON INVESTMENT @ 15%				
Irrigation system: 1/2 cost \$140			10.50	
Tractor 4.5 hrs. @ 2.13, 1 hr. @ \$3.87			9.59	
Equipment			13.45	
Land \$2000 - 1/2 cost			150.00	
TOTAL INTEREST ON INVESTMENT			183.54	9.18
TOTAL COST OF PRODUCTION			637.50	31.87

SAMPLE COSTS AT VARYING YIELDS

Yield: lbs./acre	1600	2000	2400	2800	3200
Cash Costs/CWT	26.08	20.86	17.38	14.90	13.04
Total Costs/CWT	39.84	31.87	26.56	22.76	19.92