

COST ANALYSIS WORKSHEET

SAMPLE COSTS TO PRODUCE BLACK EYE BEANS IN TULARE COUNTY - 1965

Based on a yield of 2,000 lbs. per acre (single cropping). Man labor @ \$1.65 per hour, including Social Security and Compensation Insurance; medium tractor per hour cash cost \$1.30, depreciation 75¢, interest 25¢.

William R. Sallee, Farm Advisor

Burt B. Burlingame, Extension Economist

	Sample Per Acre	Costs Per CWT	Your Per Acre	Costs Per CWT
<u>Pre-Harvest Cash Costs:</u>				
Land Preparation - man and tractor 2½ hours	\$ 7.38			
Planting - man and tractor ½ hour	1.48			
Seed - 25 lbs. @ 12¢	3.00			
Irrigate - 1 pre and 4 crop 7½ man hours	12.38			
Water - (pumping power only) 2½ A ft. @ \$4.00	10.00			
Cultivation - 3 times man and tractor 1½ hours	4.43			
Insect Control 1/: 1 air application	5.00			
Misc. labor 2 hours; tractor ½ hour; material \$1.00	4.95			
Taxes: County \$10.00; Irrig. Dist. \$6.00	16.00			
Office, car, operating capital, etc.	5.00			
Repairs - irrig. system \$4; equip. except tractor	4.00			
TOTAL PRE-HARVEST CASH COSTS	\$ 73.62	\$3.68		
<u>Harvesting Costs:</u>				
Cut and windrow - contract @ \$3.00 per A. each	\$ 6.00	\$.30		
Combine - contract @ \$5.00/A + 50¢/cwt	15.00	.75		
Haul @ \$3.00 per ton	3.00	.15		
Reclean, fumigate, storage and sacks @ \$15/ton	15.00	.75		
TOTAL HARVESTING COSTS	\$ 39.00	\$1.95		
TOTAL CASH COSTS	\$ 112.62	\$5.63		
<u>Depreciation:</u>				
Irrigation system (original cost \$160)	10.00			
Tractor - 5 hours @ 75¢	3.75			
Equipment - cost \$30 - 10 years life	3.00			
TOTAL DEPRECIATION	\$ 16.75	\$.84		
TOTAL CASH AND DEPRECIATION COSTS	\$ 129.37	\$6.47		
<u>Interest on Investment @ 6%:</u>				
Land @ \$800	\$ 48.00			
Irrigation system on ½ cost (\$80)	4.80			
Tractor - 5 hours @ 25¢	1.25			
Equipment on ½ cost (\$15)	.90			
TOTAL INTEREST	\$ 54.95	\$2.75		
TOTAL COST OF PRODUCTION	\$ 184.32	\$9.22		

Cost Per CWT At Varying Yields

Yield--pounds per acre	1600	2000	2400	2800	3200	3600
Cash and depreciation costs	\$7.74	\$6.47	\$5.62	\$5.02	\$4.57	\$4.22
Total cost per cwt	\$11.17	\$9.22	\$7.91	\$6.98	\$6.29	\$5.75

1/ More than one application is sometimes required for insect control.
When fertilizer is used, the cost should be added in the Pre-Harvest Cash Costs.

250 copies
ps
Tulare County

April, 1965 revised
William R. Sallee
Farm Advisor