

COST ANALYSIS WORKSHEET

SAMPLE COSTS TO PRODUCE BLACK EYE BEANS IN TULARE COUNTY - 1977

Based on yield of 2,400 pounds per acre (single cropping). Field labor @ \$3.50 and equipment operator @ \$4.30 per hour including Social Security and Compensation Insurance; large wheel tractor per hour cash costs \$3.50; depreciation \$2.00; and interest \$1.00.

William D. McClellan, Farm Advisor

Edward A. Yeary, Farm Advisor-Statewide

	Sample Costs		Your Costs	
	Per Acre	Per CWT	Per Acre	Per CWT
Pre-Harvest Cash Costs:				
Land Preparation - man and tractor 3 hours		\$ 23.40		
Planting - man and tractor ½ hour		3.90		
Seed - 25 lbs. @ 35¢		8.75		
Irrigate - 1 pre and 4 crop 4 man hours		14.00		
Water - power 2½ acre feet @ \$10.00				
district tax \$7.00		32.00		
Cultivation - 2 times, man and tractor 1 hr.		7.80		
Herbicides - contract		9.50		
Insect control**: 1 air application		6.85		
Misc. labor 2 hrs; tractor ½ hr; material \$2		11.15		
County taxes		20.00		
Office, car, operating capital, etc.		14.96		
Repairs - irrig. system and equip.				
except tractor		14.00		
TOTAL PRE-HARVEST CASH COSTS		\$166.31	\$ 6.93	
Harvesting Costs:				
Cut and windrow - contract @ \$10 per acre		10.00		
Combine - contract @ \$10/A + \$1/CWT		34.00		
Haul @ \$4.00 per ton		4.80		
Reclean, fumigate, storage and sacks				
\$2.05 per cwt.		49.20		
TOTAL HARVESTING COSTS		\$ 98.00	\$ 4.08	
TOTAL CASH COSTS		\$264.31	\$11.01	
Depreciation:				
Irrigation system (original cost \$260) 15 yrs.		\$ 17.33		
Tractor 5 hrs. @ \$2		10.00		
Equipment - cost \$90 - 10 years life		9.00		
TOTAL DEPRECIATION		\$ 36.33	\$ 1.51	
TOTAL CASH AND DEPRECIATION COSTS		\$300.64	\$12.52	

**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.

(Continued on Reverse Side)

	<u>Sample Costs</u>		<u>Your Costs</u>	
	<u>Per Acre</u>	<u>Per CWT</u>	<u>Per Acre</u>	<u>Per CWT</u>
<u>Interest on Investment @ 8%:</u>				
Land @ \$1400	\$112.00			
Irrigation system on ½ cost (\$130)	10.40			
Tractor 5 hrs. @ \$1.00	5.00			
Equipment on ½ cost (\$45)	3.60			
<u>TOTAL INTEREST AT 8%</u>	<u>\$131.00</u>	<u>\$ 5.46</u>		
<u>TOTAL COST OF PRODUCTION (8%)</u>	<u>\$431.64</u>	<u>\$17.98</u>		

TOTAL COST PER CWT AT VARYING YIELDS

<u>Yield-pounds per acre</u>	<u>1600</u>	<u>2000</u>	<u>2400</u>	<u>2800</u>	<u>3200</u>	<u>3600</u>
<u>Total cost per CWT</u>						
<u>(8% interest)</u>	<u>25.35</u>	<u>20.93</u>	<u>17.98</u>	<u>15.88</u>	<u>14.30</u>	<u>13.07</u>

COSTS ON RENTED OR LEASED LAND FOR BLACKEYES

	<u>Sample Costs</u>		<u>Your Costs</u>	
	<u>Per Acre</u>	<u>Per CWT</u>	<u>Per Acre</u>	<u>Per CWT</u>
Cash costs for 2400 lb. yield, except rent	\$244.31	\$10.18		
Depreciation and interest on equipment - (8% interest)	27.60	1.15		
<u>TOTAL COST EXCEPT RENT</u>	<u>\$271.91</u>	<u>\$11.33</u>		
<u>Rent</u>				
<u>TOTAL COST</u>				

July 1977
200 C
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