

Cost Analysis Work Sheet - Stanislaus County, 1979

Based on a yield of 1600 lbs. per acre, with summer fallow in alternate years. Costs are based on a large farm with 1200 acres in crop and 1200 in fallow each year. Total labor cost to grower is \$4.60 per hour. 80 h.p. crawler tractor per hour cash costs \$8.90, depreciation \$4.58 and interest \$3.00.

	Sample Costs		My Cost	
	Per Acre	Per Cwt.	Per Acre	Per Cwt.
<u>Preharvest Costs:</u>				
<u>Fallow Year:</u>				
Disc 2 x: .6 hr. labor and tractor		\$ 8.10		
Plow: .2 hr. labor and tractor		2.70		
Pickup:		.30		
<u>Crop Year:</u>				
Fertilizer: 125 lbs. 16-20-0 @ \$175 per ton		10.95		
Application: custom		1.50		
Seed: 100 lbs. at \$6.25		6.25		
Planting: .10 hrs. labor and tractor		1.35		
Pickup and light truck		.40		
Weed control: material and application		5.50		
Repairs to equipment		2.60		
County taxes: 2 years		7.00		
Office and business costs		4.23		
TOTAL PREHARVEST CASH COSTS		\$50.88	\$ 3.18	
<u>Harvesting Costs:</u>				
Combine: custom \$10 per acre		\$10.00		
Haul: \$3.50 per ton		2.80		
TOTAL HARVESTING COSTS		\$12.80	\$.80	
TOTAL CASH COSTS		\$63.68	\$ 3.98	
<u>Depreciation:</u>				
Equipment (except tractor): \$50 cost, 10 yr. life		\$ 5.00		
Tractor: .9 hr. at \$4.58		.41		
Buildings & storage: \$30 cost, 20 yr. life		1.50		
TOTAL DEPRECIATION		\$ 6.91	\$.43	
<u>Interest on Investment at 9%:</u>				
Land: \$1,000/acre, 2 yrs.		\$180.00		
Equipment (except tractors): 1/2 cost, \$25		2.25		
Tractor: .9 hr. at \$3		2.70		
Buildings & storage: 1/2 cost \$15		1.35		
TOTAL INTEREST ON INVESTMENT		\$186.30	\$11.64	
TOTAL COST OF PRODUCTION		\$256.89	\$16.05	
Less credit for grazing, if available		-2.75	- .17	
NET COST OF PRODUCTION		\$254.14	\$15.88	

SAMPLE COSTS AT VARYING YIELDS

Yield: Pounds per acre	1200	1500	1800	2100	2400
Cash and Depreciation Costs per Cwt.	\$5.82	\$4.69	\$3.94	\$3.40	\$3.00
Net Cost of Production per Cwt.	21.12	16.93	14.14	12.14	10.65

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