

IRRIGATED WHEAT - SINGLE-CROPPED

Cost Analysis Work Sheet - 1985

Sample costs to produce irrigated wheat in Fresno County's west side for baking flour or feed grain use. Costs are based on an average yield of 6000 lbs/acre. Field labor at \$6.00 per hour and equipment operator \$7.00 per hour, including Social Security and Workmen's Compensation Insurance. Per hour cash costs: heavy crawler tractor \$25.00, medium wheel tractor \$12.40. Depreciation and interest: heavy crawler tractor \$6.40 and \$5.82, medium wheel tractor \$2.80 and \$2.10. Surface irrigation water \$25.00 per acre foot.

	Sample Costs		My Costs	
	Per Acre	Per CWT	Per Acre	Per CWT
<b>PRE-HARVEST CASH COSTS:</b>				
Land Preparation: 1.5 hrs crawler	\$ 48.00			
Disc & Harrow: 0.25 hrs crawler	8.00			
Planting: seed 125 lbs @ 17¢/lb	20.63			
Wheel Tractor: 0.25 hrs	4.85			
Fertilizer: 150 lbs N @ 14¢	21.00			
60 lbs P205 @ 35%	21.00			
Broadleaf Weed Control: custom @ \$6.20/acre 50% acreage	3.10			
Aphid Control: custom @ \$12.00/acre 30% acreage	3.60			
Irrigation: 2 ac.ft. water + 1 hr labor	56.00			
Misc. Labor Incl. 1/6 Hrs Crawler Tractor:	5.44			
Rent: \$150.00 8 mos. to wheat	100.00			
Repairs to Equipment Except Tractor:	14.00			
Interest On Operating Capital @ 13%	16.41			
Office, Car, etc.	11.03			
<b>TOTAL PRE-HARVEST CASH COSTS:</b>	<b>\$333.06</b>	<b>\$5.55</b>		
<b>HARVESTING COSTS:</b>				
\$15.00 per acre + \$4.00 per ton + \$10.50 per ton to haul	58.50	.98		
<b>TOTAL CASH COSTS:</b>	<b>\$391.56</b>	<b>\$6.53</b>		
<b>DEPRECIATION:</b>				
Irrigation System: \$300.00 over 16 yrs	18.75			
Crawler: 1.83 hrs @ \$6.40	11.71			
Wheel Tractor: 0.25 hrs @ \$2.80	.70			
Equipment Other Than Tractors: \$120.00 over 10 yrs of life	12.00			
<b>TOTAL DEPRECIATION:</b>	<b>\$ 43.16</b>	<b>\$ .72</b>		
<b>INTEREST ON INVESTMENT @ 12%</b>				
Irrigation System @ 1/2 Cost	18.00			
Crawler: 1.83 hrs @ \$5.82	10.65			
Wheel Tractor: 0.25 hrs @ \$2.10	.53			
Equipment Other Than Tractors @ 1/2 Cost:	7.20			
<b>TOTAL INTEREST ON INVESTMENT:</b>	<b>\$ 36.38</b>	<b>\$ .61</b>		
<b>TOTAL COST OF PRODUCTION:</b>	<b>\$471.09</b>	<b>\$7.85</b>		

1/ See back for sample costs at varying yields.

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SAMPLE COST AT VARYING YIELDS

Water Cost \$25.00/Ac.Ft.

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<u>Yield: Lbs/A</u>	<u>4500</u>	<u>5000</u>	<u>5500</u>	<u>6000</u>	<u>6500</u>
Cash Cost/CWT	\$ 8.46	7.69	7.05	6.53	6.08
Total Cost/CWT	\$10.23	9.28	8.50	7.85	7.30