

Irrigated Wheat - Single Cropped  
 Cost Analysis Work Sheet - 1969

Sample costs to produce irrigated wheat in Fresno County (West Side) for feed grain use. Based on a yield of 4000 lbs. per acre. Man labor @ \$1.90 per hour total and equipment operator \$2.10, including social security and workmen's compensation insurance. 80 h.p. tracklayer per hour cash costs \$3.20, depreciation \$1.80 and interest 72¢. 50 h. p. wheel diesel tractor \$1.40, 74¢ and 30¢.

	<u>Sample Costs</u>		<u>My Costs</u>	
	<u>Per Acre</u>	<u>Per Cwt.</u>	<u>Per Acre</u>	<u>Per Cwt.</u>
<u>PRE-HARVEST CASH COSTS</u>				
Land preparation: 2 hrs. tracklayer	11.00			
Pre-irrigate: labor 1 hr.	1.90			
power for 1 ac. ft. water	10.00			
Disc and harrow: 1/6 hr. tracklayer	.93			
Plant: seed, 100 lbs. @ 7¢	7.00			
1/4 hr. wheel tractor	.88			
Fertilizer: 100 lbs. N @ 6.5¢	6.50			
Broadleaf weed control: custom	2.60			
Two crop irrigations: labor 1 hr.	1.90			
Power for 1 ac. ft. water	10.00			
Misc. labor incl. 1/6 hr. tracklayer	2.00			
County taxes	10.50			
Repairs to equipment except tractors	2.50			
Office, car, operating capital, etc.	4.06			
<b>Total Pre-Harvest Cash Costs</b>	<b>71.77</b>	<b>1.79</b>		
<u>HARVESTING COSTS</u>				
Custom combine: \$5.00 per acre				
plus 10¢ cwt. over 1st 1000 lbs.	8.00			
Hauling: \$2.50/ton	5.00			
<b>Total Harvesting Costs</b>	<b>13.00</b>	<b>.33</b>		
<b>TOTAL CASH COSTS</b>	<b>84.77</b>	<b>2.12</b>		
<u>DEPRECIATION</u>				
Irrigation system: \$200.00 - 12 years	16.67			
Tracklayer: 2 1/3 hrs. @ \$1.80	4.20			
Wheel tractor: 1/4 hr. @ 74¢	.19			
Equipment except tractors: \$25.00 cost, 10 yrs. life	2.50			
<b>Total Depreciation</b>	<b>23.56</b>	<b>.59</b>		
<u>INTEREST ON INVESTMENT @ 7%</u>				
Land: \$600.00	42.00			
Irrigation system: 1/2 cost \$100.00	7.00			
Tracklayer: 2 1/3 hrs. @ 72¢	1.68			
Wheel tractor 1/4 hr. @ 30¢	.08			
Equipment except tractors: 1/2 cost \$12.50	.88			
<b>Total Interest on Investment</b>	<b>51.64</b>	<b>1.29</b>		
<b>TOTAL COST OF PRODUCTION</b>	<b>159.97</b>	<b>4.00</b>		

Sample Costs of Production at Varying Yields

Yield: pounds per acre	3000	3500	4000	4500	5000
Cash costs per cwt.	\$2.75	\$2.39	\$2.12	\$1.91	\$1.74
Cash and depreciation costs per cwt.	\$3.54	\$3.06	\$2.71	\$2.43	\$2.21
<b>Total costs per cwt.</b>	<b>\$5.26</b>	<b>\$4.54</b>	<b>\$4.00</b>	<b>\$3.58</b>	<b>\$3.24</b>

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