

IRRIGATED WHEAT - DOUBLE CROPPED - TULARE COUNTY

## Cost Analysis Worksheet - 1985

Sample costs to produce wheat in Tulare County, based on a yield of 5000 lbs./A. Field labor at \$4.50/hr. and equipment operator at \$5.00/hr; this includes benefits. Medium wheel, 30 hp. tractor hr. cash costs \$8.50, depreciation \$2.58, and interest \$1.68. Heavy wheel tractor - 130 hp hr. cash costs \$16.01, depreciation \$9.17, and interest \$5.96.

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	SAMPLE COSTS		MY COSTS	
	PER ACRE	PER CWT.	PER ACRE	PER CWT
<u>Pre-harvest Cash Costs</u>				
Land Preparation: 2 hrs. labor - 1 hr. heavy tractor, 1 hr. med. tractor		\$34.51		
Plant: 1/3 hr. man + med. tractor		4.45		
Seed: 120 lbs. @ 11¢		13.20		
Fertilizer: 160 lbs. N @ 18¢, source NH <sub>3</sub>		28.80		
40 lbs. P <sub>2</sub> O <sub>5</sub> @ 33¢		13.20		
Application: 1 custom, 1 X in water		7.00		
Broadleaf weed control: air application \$5.00, material \$3.00		3.00		
* Aphid control is needed: air application \$5, material \$4		00.00		
Irrigate: 1 pre a 3 crop - labor 4 hrs.		18.00		
Water: (combined canal, pumping, district assessment) 2 acre ft. @ \$20/ft.		40.00		
Miscellaneous: Labor, material, 1 hr. man + med. tractor		20.00		
Repairs, except tractors (1/2 cost)		10.00		
Office, car, business costs (1/2 cost)		10.00		
County taxes (1/2 cost)		5.00		
Land cost allocated to farming (1/2 cost)		62.50		
Interest on operating costs = (total pre-harvest cash cost) ÷ 2 X 13%		17.85		
<b>TOTAL PRE-HARVEST CASH COSTS</b>		<b>\$292.51</b>	<b>\$ 5.85</b>	
<u>Harvesting Costs</u>				
Combine: \$14/acre + \$7/ton		33.50		
Hauling: \$25.5¢/cwt. - 10 miles		12.75		
<b>TOTAL HARVESTING COSTS</b>		<b>\$46.25</b>	<b>\$ .93</b>	
<b>TOTAL CASH COSTS</b>		<b>\$338.76</b>	<b>\$ 6.67</b>	
<u>Depreciation</u>				
Irrigation system (1/2 cost) orig. cost \$350 16 yr. life		10.94		
Tractor 30 hp. diesel wheel: 2.3 hr.		5.93		
130 hp, 1 hr.		9.17		
Other equipment, \$100 over 10 yrs. (1/2 cost)		5.00		
<b>TOTAL DEPRECIATION</b>		<b>\$31.04</b>	<b>\$ .62</b>	
<b>TOTAL CASH AND DEPRECIATION COSTS</b>		<b>\$369.80</b>	<b>\$ 7.36</b>	

(over)

	SAMPLE COSTS		MY COSTS	
	PER ACRE	PER CWT	PER ACRE	PER CWT
Interest on Investment (@13%)				
Irrigation system: (1/2 cost)	\$11.38			
Tractor: 80 hp diesel wheel - 2.3 hr.	3.86			
130 hp - 1 hr.	5.96			
Other equipment: 1/4 of \$100	3.25			
<b>TOTAL INTEREST</b>	<b>\$24.45</b>	<b>\$ .49</b>		
<b>TOTAL COST OF PRODUCTION</b>	<b>\$394.25</b>	<b>\$7.89</b>		

COST PER CWT AT VARYING YIELDS

Yield lbs./Acre	3000	4000	5000	6000	7000
Cash cost per cwt.	\$12.32	9.25	6.77	6.16	5.28
<b>TOTAL COST PER CWT.</b>	<b>13.14</b>	<b>7.85</b>	<b>7.87</b>	<b>6.57</b>	<b>5.63</b>

\* Aphid Control - This treatment is required only in limited areas

Wheat sold at: \$115/T = \$5.75/cwt.  
 \$130/T = \$6.50/cwt  
 \$145/T = \$7.25/cwt

This cost analysis worksheet should be used only as a guide to assist producers in determining their production costs and as an aid in helping analyze costs and do not represent industry averages.

There is a great deal of variation in production costs between areas within a county. For example, tractor size, tillage operation, number of trips and materials may be different for neighboring farmers.

The land cost is a value related to rental costs rather than the interest on the market value. For the person renting land, the rental price should be substituted for land cost; also, interest and depreciation on the irrigation system and county taxes should be eliminated.

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