

*W. Reed*

COSTS TO PRODUCE IRRIGATED SMALL GRAINS IN MADERA AND MERCED COUNTIES - 1968  
DOUBLE CROPPED

Based on man labor at \$1.70 per hour; 40 H.P. wheel tractor cash cost per hour \$1.30;  
Equipment operator \$1.90 per hour, depreciation \$.70; interest \$.30

Yield - <sup>3000 / 4</sup> 1 $\frac{1}{2}$  Tons Per Acre

Operation	Hours Per Acre	Cash and Labor Cost Per Acre			Sample Costs	My Costs
		Labor	Fuel and Repairs Equipment	Materials & Other Costs		
<b>Cultural:</b>						
Land Preparation	2.0	3.80	2.60		6.40	
Fertilize (broadcast)	.25	.48	.33 80# N @ 10¢	8.00	8.81	
Plant (broadcast or drill)	.25	.48	.33 80# Seed @ 5.00 Cwt.	4.00	4.81	
Irrigate: 1 crop, 1 pre	2.0	3.40	1.00 1.5 Acre Ft., tax or power	\$3.50 5.25	9.65	
Taxes ( $\frac{1}{2}$ of annual)	--			5.65	5.65	
Miscellaneous	.5	.85	.65 Miscellaneous materials & repairs Office, car, operating capital, etc.	.50 1.50	2.00 1.50	
<b>Total Cultural Costs</b>		<b>9.01</b>	<b>4.91</b>	<b>24.90</b>	<b>38.82</b>	
<b>Harvest:</b>						
Combine			Contract	6.50		
Haul			Contract @ \$2.00 per ton	3.00		
<b>Total Harvest Costs</b>					<b>\$ 9.50</b>	
<b>Total Cash and Labor Costs</b>					<b>48.32</b>	
<b>Costs at Varying Yields</b>						
Tons Per Acre	Cost Per Ton	<u>Investment</u>	<u>Per Acre</u>	<u>Depreciation</u>	<u>Annual Cost *</u> <u>Interest @ 7%</u>	
1.0	\$83.02	Land	\$750		26.25	
1.5	56.01	Irrig. System	120	3.00 (20 yrs.) $\frac{1}{2}$ cost	2.10	
2.0	42.51	Tractor - 3 hours		2.10	.90	
2.5	34.41	Equipment	20	1.00 (10 yrs) $\frac{1}{2}$ cost	.35	
			\$890	\$6.10	\$29.60	35.70
				Total cost per Acre		84.02
				Cost per Ton @ 1 $\frac{1}{2}$ Ton Yield		56.01

Prepared by Farm Advisors Clarence Johnson, Madera County - Chester Conley, Merced County - Edward Yeary