

## RICE

## Cost Analysis Work Sheet - 1983

Sample costs to grow rice in Fresno County. Costs are based on the production of 7000 lbs. of 14% rice per acre. All labor is figured at \$6.50 per hour cost to the grower. Heavy crawler tractor per hour cash costs \$31.00, depreciation \$7.50, and interest \$6.50.

	Sample Per Acre	Costs Per Cwt	My Per Acre	Costs Per Cwt
<b>CULTURAL AND CASH OVERHEAD COSTS:</b>				
Seedbed preparation	\$	\$	\$	\$
Disc 2x .30 hr. labor and tractor	11.25			
Chisal 1x .15 hr.	5.63			
Triplane 1 x .15 hr.	5.63			
Build levees and level burrow pits .5 hr. labor and tractor	18.75			
Mark field .10 labor and tractor	3.75			
<b>Fertilize:</b>				
Liquid Fertilizer	18.00			
Custom Application	8.00			
Top Dress Fertilizer	4.50			
Air Application	3.75			
Set wier boxes & close field	6.00			
<b>Irrigation - including flooding</b>				
Labor 3.5 hrs.	22.75			
Water 5.5 ac. ft. at \$8	44.00			
Seed: 150 lbs. at \$11. cwt.	16.50			
Treating and soaking \$1.90 custom	2.85			
Plant: air application \$5.00 acre	5.00			
Herbicide (post plant)	33.20			
Air application	3.75			
Insecticide 1/3 acreage each year	2.83			
Air application 1/3 acreage	1.58			
Soil and tissue analysis	3.50			
Rent	100.00			
Repairs	20.00			
Misc. labor, materials, .15 hr. tractor	10.00			
Supervision	5.00			
Interest on operating loan	21.00			
Office, business costs, personal property tax	46.94			
<b>TOTAL CULTURAL AND CASH OVERHEAD COSTS</b>	<b>424.16</b>	<b>6.06</b>		
<b>HARVEST COSTS:</b>				
Drain, open levees, remove wier boxes	3.00			
Custom Harvest 1.00 cwt wet weight of 7600 lbs.	76.00			
Haul to dryer 21¢ cwt	15.96			
Drying and storage \$11 ton 21% to 14%	41.80			
<b>TOTAL HARVEST COSTS</b>	<b>136.76</b>	<b>1.95</b>		
<b>POST-HARVEST COSTS</b>				
Burn Stubble	2.00			
Disc 1 x .15 hr. labor and tractor	5.63			
<b>TOTAL POST HARVEST COSTS</b>	<b>7.63</b>	<b>.11</b>		
<b>TOTAL CULTURAL AND OVERHEAD COSTS</b>	<b>568.55</b>	<b>8.12</b>		
<b>DEPRECIATION</b>				
Tractor 1 1/2 hrs. at \$7.50	11.25			
Other equipment and boxes \$220 8 years	27.50			
<b>TOTAL DEPRECIATION</b>	<b>38.75</b>	<b>.56</b>		
<b>INTEREST on investment at 12%</b>				
Tractor 1 1/2 hrs. at \$6.50	9.75			
Other equipment and boxes 1/2 cost \$110	13.20			
<b>TOTAL INTEREST</b>	<b>22.95</b>	<b>.33</b>		
<b>TOTAL COST OF PRODUCTION</b>	<b>630.25</b>	<b>9.01</b>		

SAMPLE PROFIT OR LOSS PER CWT AT VARYING YIELDS AND PRICES

Price per cwt	Yield pounds per acre				
	5000	6000	7000	8000	9000
\$ 7.00	\$-4.83	-3.17	-2.00	-1.11	- .41
9.00	-2.83	-1.17	-0.01	+ .89	+1.59
11.00	- .83	+ .83	+2.00	+2.89	+3.59

Dave Snell  
Farm Advisor

Ed Yeary  
Area Farm Management Specialist

1720 SOUTH MAPLE FRESNO CALIFORNIA 93702 TELEPHONE 453-5931

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