

1983 SAMPLE COST TO PRODUCE WHEAT ON MINERAL GROUND & PEAT SOILS  
IN SAN JOAQUIN COUNTY

Operation	Hours/ Acre	Labor/ Acre	Fuel Elect/ Acre	Repairs/ Acre	Materials Kind & Quantity/Ac.	Total Cost/Ac.	
						Mineral Soil	Organic Soil
<b>Cultural Operations</b>							
Disc, 2x	0.26	\$1.04	\$2.78	\$0.79		\$ 4.61	\$ 4.61
Plow	0.34	1.36	2.89	1.03		N/A	5.28
Leveler finish, 2x (if needed)	0.52	2.08	5.56	1.57		9.21	9.21
Disc + roll, 1x	0.13	0.52	1.39	0.39		2.30	2.30
List beds + preplant nitrogen	0.25	1.00	2.67	0.76	100 lbs/A @ 34¢/lb	38.43	N/A
Plant + starter fertilizer (2 men)	0.33	2.64	3.53	1.00	150 lbs/A seed @ \$14/cwt \$21.00		
					11-48-0, 100/A 16.00	44.17	44.17
Topdress nitrogen					100 lbs/A Urea		
Mineral 100 lbs - Organic 200 lbs					\$12 + air 5¢/lb	17.00	34.00
Herbicide (post-emergence)					2,4-D 1½ pt/A \$2.60 + air \$5	7.60	7.60
Insecticide (aphids)					Disyston 1 pt/A \$6.50 + air \$5	11.50	11.50
Irrigation							
2x mineral soil (pump & well-100' Open & close ditches lift)	2.00	8.00			1.5' @ \$15.00 ac. ft.	30.50	--
1x organic soil - spud ditch	1.00	4.00	1.00			2.00	--
Drain maintenance						--	4.00
						2.00	2.00
<b>TOTAL CULTURAL COSTS</b>						<b>\$169.32</b>	<b>\$124.67</b>

Prepared by Mick Canevari, U.C. Cooperative Extension Farm Advisor in San Joaquin County

1983 SAMPLE COST TO PRODUCE WHEAT ON MINERAL GROUND & PEAT SOILS  
IN SAN JOAQUIN COUNTY - Continued

Operation	Hours/ Acre	Labor/ Acre	Fuel Elect/ Acre	Repairs/ Acre	Materials Kind & Quantity/Ac.	Total Cost/Ac.	
						Mineral Soil	Organic Soil
<b>Harvest Cost</b>							
Combine (own harvester)	0.3	\$1.50	\$3.40	\$2.00		\$ 6.90	\$ 6.90
<b>Cash Overhead</b>							
Rent, 33-1/3 T gross		\$130/ton market x 3.0 tons/ac = \$390 x 33.3% = \$129.87				129.87	129.87
Misc. office, pickup, secretary						15.00	15.00
Workmen's Comp., 7½%						1.46	0.71
Social Security, 0.0613						1.19	0.58
Fringe benefits (10%), health ins., unemployment, life ins., vacation						1.94	0.95
<b>TOTAL CASH OVERHEAD</b>						\$149.46	\$147.11
<b>TOTAL CASH COST/ACRE</b>						\$325.68	\$278.68
<b>TOTAL CASH COST/TON</b>							
					2.5 tons/acre	\$121.62	\$102.82
					3.0 tons/acre	108.56	92.89
					3.5 tons/acre	99.24	85.81
<b>Management, 5% of gross</b>						\$ 19.50	\$ 19.50
<b>Investment</b>							
	<u>Per Acre</u>	<u>Depreciation</u>	<u>Interest</u> 12% of 50% Balance				
Buildings (30-yr. life)	\$ 46.00	\$ 1.53	\$ 2.76				
Equipment (10-yr. life)							
(1976 equip. cost)	367.80	36.78	22.06				
	<u>\$413.80</u>	<u>\$ 38.31</u>	<u>\$ 24.82</u>			\$ 63.13	\$ 63.13

Labor rate: \$4.00/hr.  
Harvester operator: \$6.00/hr.

Diesel: \$1.25/gal.  
Repairs: Farm machinery costs 1981, A.D. Reed & L.A. Horel  
UC Cooperative Extension