

SAMPLE COSTS TO PRODUCE BARLEY
Eastside Stanislaus County 1984

Labor rate	\$	5.50 /hr. tractor operator
Fuel cost	\$	1.85 /per gallon
Tractor - 85HP		3.56 gallons per hour
Tractor - 130HP		5.45 gallons per hour
Farm size		250 acres
Yield		1.7 tons
Manure to last		2 years

Cash and Labor Costs per Acre

Operation	No. Times	Acres /Hr.	Hrs./ Acre	Labor	Fuel	Materials and Custom Work		\$/Acre	My Cost
						No. Units	\$/Unit		
Land preparation:									
Chisel	0	5	0	.00	.00			.00	
Disk	3	7	.43	2.36	2.45			4.81	
Fertilize									
manure	0					30 yards	3.00	.00	
Spread manure	1					30 yards	1.30	9.75	
commercial fertilizer	1					250 lbs.	.12	30.00	
Spread fertilizer	0	15	0	.00	.00	1 acre	4.00	4.00	
Plant (drill)	1	4	.25	1.38	1.43	0 acre	9.00	2.81	
Seed						100 lbs	.15	14.50	
Starter fertilizer	0					200 lbs.	.11	.00	
Harrow	0	10	0	.00	.00	0 acre	2.50	.00	
Postemergent herbicide 11	1					.25 gallons	46.00	11.50	
Postemergent herbicide 21	0					.50 gallons	46.00	.00	
Apply herbicide	0	10	0	.00	.00	1 acre	6.25	6.25	
Topdress fertilizer	1					75 pounds	.13	9.75	
Apply topdress	0					0 acre	4.00	.00	
Apply topdress-air	1					.03 /lb. +	2.50/AI	4.75	
Insecticide	0					.07 gallons	50.00	.00	
Apply insecticide	0					1 acre	6.25	.00	
Pull checks	2	10	.20	1.10	1.14	0 acre	2.50	2.24	
Irrigate	2	3	.67	3.67		2 irrig.	.45	5.47	
SUBTOTAL				6.14	2.58			101.02	
Interest on operating capital @ 14 percent for 6 months								7.07	
PREHARVEST CASH COSTS								PER ACRE	108.09
								PER TON	63.58
HARVEST COSTS									
Custom combine						1 ton	16.00	27.20	
Hauling						1 ton	6.50	11.05	
TOTAL HARVEST COSTS								PER ACRE	38.25
								PER TON	22.50

Cash Overhead:					
Misc., office, etc.				8.65	
Taxes	.5 year		10.10	5.09	
Insurance				1.00	
Equipment repairs				10.57	
TOTAL CASH OVERHEAD COSTS					25.38
TOTAL CASH COSTS				PER ACRE	171.72
				PER TON	101.01

Investment	Per Acre	Years life	Annual Cost		
			Interest @ 12%	Depreciation	
Land	1000.00		120.00		
Equipment			30.90	40.87	
Irrigation system	225.00	30	27.00	7.50	
Laser leveling	100.00	8	12.00	12.50	
TOTAL INVESTMENT COSTS PER .5 YEAR PER ACRE			94.95	30.44	125.39
TOTAL COST PER ACRE				PER ACRE	297.11
				PER TON	174.77

EQUIPMENT LIST										
Item	Hours Used	New Cost	Hours Life	Years Life	Acres Used	Repair Cost/hr.	Depre- ciation	Interest	Repair Cost/A	Total Annual Costs
130 HP Wheel tractor	.63	50700	12000	10	250	5.07	20.3	12.17	3.19	35.63
85 HP Wheel tractor	.25	3200	12000	10	250	.27	1.20	.77	.07	2.11
Chisel	.00	7000	2500	15	250	3.36	0	.00	.00	.00
Disk, stubble, 12'	.43	18000	2500	15	250	8.64	4.8	4.32	3.70	12.82
Ridger	.20	1000	2500	15	150	.48	.44	.40	.10	.94
Harrow, spike, 12'	.25	950	2500	20	250	.46	.19	.23	.11	.53
Grain drill	.25	5300	1200	20	100	4.42	2.65	3.18	1.10	6.93
Pickup truck		15000	2000	10	250	4.50	6	3.60	1.50	11.10
Shop tools		10000		15	250		2.67	2.40	.67	5.73
Buildings		16000		25	250		2.56	3.84	.13	6.53
TOTAL EQUIPMENT COST							40.9	30.90	10.57	82.34

Prepared by Marsha Feyler, Farm Advisor
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