

SAMPLE COSTS TO PRODUCE BARLEY* - SISKIYOU COUNTY 1963

Butte Valley

Not Including Cost of Water

Yield - 3,000 lbs. per acre

Flood irrigated

Operation	Hours per acre	Cash and labor cost per acre			
		Labor	Fuel and repairs	Materials	Total
Cultural					
Plow	.6	1.00	1.00		2.00
Harrow, 2 times	.5	.85	.50		1.35
Fertilize	.3	.50	.25	60 lbs. nitrogen	7.65
Seed	.3	.50	.30	100 lbs.	4.80
Border, ditches	.3	.50	.25		.75
Irrigate, 2 times	1.5	1.90			1.90
Weed spray				24-D	1.25
TOTAL CULTURAL COSTS		5.25	2.30		12.15
Harvest					
Combine & haul				\$.25 per cwt.	7.50
TOTAL HARVEST COSTS					7.50
Miscellaneous overhead					
Management, 10% of 3,000 lbs. @ \$2.00					6.00
TOTAL MISCELLANEOUS OVERHEAD					7.00
Investment					
	Per acre	Annual cost			
		Depreciation	Interest	Taxes and insurance	
Land	\$300.00	--	\$18.00	\$4.70	
Irrigation system	10.00	\$.50	.30	.15	
Equipment	50.00	5.00	1.50	.78	
TOTAL INVESTMENT	\$360.00	\$ 5.50	\$19.80	\$5.63	
TOTAL COST PER ACRE					65.13

Net Income Per Acre After Paying All Expenses Except Water at Various Yields and Prices

Yield lbs.	Price per cwt.				
	\$ 1.50	\$ 2.00	\$ 2.50	\$ 3.00	\$ 3.50
2,000	-35.13	-25.13	-15.13	- 5.13	4.87
3,000	-20.13	- 5.13	9.87	24.87	39.87
4,000	- 5.13	14.87	34.87	54.87	74.87

Net Income Per Acre-Foot of Water at 1.63 Feet Per Acre

Yield lbs.	Price per cwt.				
	\$ 1.50	\$ 2.00	\$ 2.50	\$ 3.00	\$ 3.50
2,000	-21.55	-15.42	- 9.28	- 3.15	2.99
3,000	-12.35	- 3.15	6.06	15.26	24.46
4,000	- 3.15	9.12	21.39	33.66	45.93

*These tables can also be used for irrigated oats or wheat by selecting the appropriate yield price. Production costs are approximately the same for all grain crops in Butte Valley.

SAMPLE COSTS TO PRODUCE BARLEY - SISKIYOU COUNTY 1963

Butte Valley

Not Including Cost of Water

Yield - 3,000 lbs. per acre

Sprinkler irrigated*

Operation	Hours per acre	Cash and labor cost per acre				Total
		Labor	Fuel and repairs	Materials		
Cultural						
Plow	.6	1.00	1.00			2.00
Harrow, 2 times	.5	.85	.50			1.35
Fertilize	.3	.50	.25	60 lbs. nitrogen	6.90	7.65
Seed	.3	.50	.30	100 lbs.	4.00	4.80
Irrigate, 2 times	1.5	1.90	.20	Power	3.60	5.70
Spray, weeds				\$1.25 per acre applied	1.25	1.25
TOTAL CULTURAL COSTS		4.75	2.25		15.75	22.75
Harvest						
Combine & haul				\$7.50 per acre		7.50
TOTAL HARVEST COSTS						7.50
Miscellaneous overhead						
Management, 10% of 3,000 lbs. @ \$2.00					6.00	
TOTAL MISCELLANEOUS OVERHEAD					1.50	7.50
Investment						
	Per acre	Annual cost				
		Depreciation	Interest	Taxes and insurance		
Land	\$300.00	--	\$18.00	\$ 4.70		
Irrigation system	50.00	\$ 5.00	1.50	.75		
Equipment	48.00	4.80	1.45	.40		
TOTAL INVESTMENT	\$398.00	\$ 9.80	\$20.95	\$ 5.85		36.60
TOTAL COST PER ACRE						74.35

Net Income Per Acre After Paying All Expenses Except Water at Various Yields and Prices

Yield lbs.	Price per cwt.				
	\$ 1.50	\$ 2.00	\$ 2.50	\$ 3.00	\$ 3.50
2,000	-44.35	-34.35	-24.35	-14.35	- 4.35
3,000	-29.35	-14.35	.65	15.65	30.65
4,000	-14.35	5.65	25.65	45.65	65.65

Net Income Per Acre-Foot of Water at 1.2 Feet Per Acre

Yield lbs.	Price per cwt.				
	\$ 1.50	\$ 2.00	\$ 2.50	\$ 3.00	\$ 3.50
2,000	-36.96	-28.63	-20.29	-11.96	- 3.63
3,000	-24.46	-11.96	.54	13.04	25.54
4,000	-11.96	4.71	21.38	38.04	54.71

*These tables can also be used for irrigated oats or wheat by selecting the appropriate yield and price. Production costs are approximately the same for all grain crops.