

BL-IR-75

LASSEN - PLUMAS - SIERRA COUNTIES
PRODUCTION COSTS



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LASSEN - PLUMAS - SIERRA COUNTIES PRODUCTION COSTS

The information which you will find enclosed in this publication is an effort to update the costs of production of beef cattle and some of the major crops of the area. As many of you know, the production costs have been rising rapidly due to fuel shortages, and many other factors. While on the other hand, prices received for beef cattle are now about half of the amount paid in the high year of 1973.

It is realized that each of the operations in the area have a set of costs which are different from their neighbor, depending on labor, equipment used, and many other factors which influence production costs. However, if the producer can use these as guidelines and plug in his own costs, the information may be helpful in making management decisions.

SAMPLE COSTS TO PRODUCE WHEAT - FLOOD IRRIGATED

Lassen County - 1975

Production data: 4,500 lbs. yield. Labor @ \$3 including social security and comp. insurance.

Operation	Hours Per Acre	Cash and labor cost per acre				Total
		Labor	Fuel and repairs	Kind and Quantity	Materials Cost	
Cultural Costs						
Plow	.5	1.50	1.70			\$ 3.20
Disk	.3	.90	.90			1.80
Landplane				Contract	\$ 5.00	5.00
Run borders	.5	1.50	.30			1.80
Plane checks	.3	.90	.90			1.80
Pre-irrigate	.6	1.80	.50	Power to pump 1/2 a.f. @ \$2.20	1.10	3.40
Drill, seed, fertilize, cultipack	.5	1.50	1.80	75# seed	4.00	7.30
Fertilizer				50# N @ 30¢	15.00	15.00
Fertilize in spring - ground rig	.3	.90	.15	50# N @ 30¢	15.00	16.05
Cultipack for crust	.2	.60	2.20			2.80
Irrigate 2 times	2.0	6.00	.40	Power to pump 1 a.f. @ \$2.20	2.20	8.60
Weed spray	.2	.60	.15	1 1/2 pts. 2,4-D	1.80	2.55
TOTAL CULTURAL COSTS		\$16.20	\$9.00		\$44.10	\$69.30
Harvest Costs						
Combine				Contract 1/2 hr. @ \$18	9.00	
TOTAL HARVEST COSTS						\$ 9.00
Cash overhead						
Misc., office, etc.					4.30	
Taxes					10.00	
TOTAL CASH OVERHEAD						\$ 14.30
TOTAL CASH COST		\$16.20	\$9.00		\$66.30	\$ 91.50
Management 5% of 2 1/4 tons @ \$100						11.25
INVESTMENT						
	Per Acre			Annual Cost		
Land	\$300.			Depreciation	Interest - 8%	
Leveling	90.				\$24.00	
Irrigation system	125.			\$ 8.35	7.20	
Equipment	105.			10.50	5.00	
Total	\$620.			\$18.85	\$40.40	
						59.25
TOTAL COST PER ACRE						\$162.00
Cost per cwt @ 45 cwt yield						3.60

EQUIPMENT INVESTMENT FOR BARLEY PRODUCTION - SPRINKLER IRRIGATED

Lassen County - 1975

Barley is grown on 100 acres of a 300 acre farm.

Item	Cost	Operation Cost per Hour
Tractor, 60 h.p. wheel diesel	\$14,000.	\$2.60
Tractor, 30 h.p. wheel diesel	7,200.	1.30
Plow, 3 bottom 16"	1,700.	.80
Disk, 10' offset	2,000.	.90
Drill, 10'	2,800.	2.25
Cultipacker, 10'	1,000.	.40
Sprayer	700.	2.00
Fertilizer injector	100.	.45
TOTAL	\$29,500. (300 acres)	
Irrigation System:		2.90
Well and pump	13,500.	
Sprinklers	17,500.	
TOTAL	\$31,000. (100 acres)	
Total Investment	\$60,500.	
Per Acre on 300 acres for \$29,500	90	Total investment of \$400 per acre of which \$310 is sprinkler irrigation system.
Per Acre on 100 acres for \$31,000	310	

EQUIPMENT INVESTMENT FOR BARLEY PRODUCTION - FLOOD IRRIGATED

Lassen County - 1975

Barley is grown on 100 acres of a 300 acre farm

Item	Cost	Operation Cost per Hour
Tractor, 60 h.p. wheel diesel	\$14,000.	\$2.60
Tractor, 30 h.p. wheel diesel	7,200.	1.30
Plow, 3 bottom 16"	1,700.	.80
Disk, 10' offset	2,000.	.90
Drill, 10'	2,800.	2.25
Cultipacker, 10'	1,000.	.40
Sprayer	700.	2.00
Border disk	900.	.45
Ditcher	500.	.90
Easy-Flow spreader - 10'	700.	.40
TOTAL	\$31,500. (300 acres)	
Irrigation System:		
Well - 400', 14" diameter	7,200	
Pump - 1,000 gpm 80' lift 30 hp	5,300.	
TOTAL	\$12,500. (100 acres)	
Total Investment	\$44,000.	
Per Acre on 300 acres for \$31,500. = 105	}	Total investment of \$230 per acre of \$125. is sprinkler irrigation system.
Per Acre on 100 acres for \$12,500. = 125		

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