

Field Crops  
Barley

University of California  
Farm and Home Advisors  
Los Angeles County  
May, 1960

GN-SC-60

808 North Spring Street  
Los Angeles 12, California  
MAdison 8-3383

SAMPLE COSTS TO PRODUCE IRRIGATED GRAIN  
Antelope Valley, Los Angeles County  
1960

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Based on 40 acres of barley planted as rotation crop on a 200-acre alfalfa farm; yield of 3000 lbs. of grain or  $3\frac{1}{2}$  tons of hay; cash costs per hour for labor of \$1.50 and 40 HP tractor of \$1.35.

Operation, equipment & materials	Cost per Acre
Plow 1x - 2-16", 40 HP	\$ 3.60
Disc 1x - 6', 40 HP	3.00
Dike - border disc, 40 HP	.60
Float - float, 40 HP	1.45
Water level - scraper, 40 HP, 6" water	5.50
Fertilize - 40 HP, 40# N injected @ 9¢	5.05
Harrow - spike & spring tooth, 40 HP	.95
Plant - drill, 40 HP, 100# seed @ 4.50	5.45
Irrigate - $1\frac{1}{2}$ foot of water & labor	8.50
TOTAL CULTURAL COSTS	<u>\$ 34.10</u>
General expense	7.00
Taxes	6.00
TOTAL CASH OVERHEAD	<u>\$ 13.00</u>
Depreciation	30.75
Interest on investment @ 6%	33.10
TOTAL NONCASH OVERHEAD	<u>\$110.95</u>

HARVESTED FOR GRAIN (3000#)		HARVESTED FOR HAY ( $3\frac{1}{2}$ tons)	
Preharvest costs	\$110.95	Preharvest cost	\$110.95
Combine-contract, 3000# @ \$6 per acre & 25¢ per cwt over 2000#	8.50	Mow-mower-swather	1.75
Haul	3.00	Bale	4.50
TOTAL ALL COSTS	<u>\$122.45</u>	Haul & stack - haro-bed wagon	<u>1.70</u>
			<u>\$118.90</u>

NOTE:

For oats or wheat, costs of production would be the same except for seed, and different yields per acre.

Average wheat and barley prices:

Wheat prices have ranged from \$3.10 - \$3.65/cwt. in the past 5 years and have averaged \$3.40. Barley prices have ranged from \$2.10 - \$2.50/cwt. in the past 5 years and have averaged \$2.20.