

1987

COOPERATIVE EXTENSION
UNIVERSITY OF CALIFORNIA
MERCED COUNTY

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SAMPLE COST TO PRODUCE OATS FOR HAY - DOUBLE CROPPED

in

MERCED COUNTY

By

BILL L. WEIR, Farm Advisor - Merced County

The first step in intelligent crop planning is an objective analysis of production cost and potential profits. The sample costs on the reverse side of this page are for producing Oats for Hay - double cropped in Merced County. The figures used are from the latest and most reliable sources available and are based on good management practices.

A suggested way to use the sample cost sheet is to insert your actual costs in the blank column and use the sample costs only when actual costs are not known. Overhead fixed costs may be omitted when comparing alternate crops.

Sincerely;

Bill L. Weir

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Farm Advisor

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OATS FOR HAY - DOUBLE CROPPED
MERCED COUNTY - 1987

	YIELD	CASH	DEPR.	INTEREST
Yield per acre - tons	3			
Field labor per hour		5.50		
Equipment operator per hour		6.50		
Wheel tractor per hour - 80 HP		5.34	2.29	1.37
Wheel tractor per hour -130 HP		9.22	4.29	2.50

SAMPLE COSTS

PRE-HARVEST CASH AND OVERHEAD COSTS:	Per acre	Per CWT
Land preparation: 2 hrs/ac 1-80 hp, 1-130 hp	27.56	
Fertilize: material 150 lbs. N @ \$.28	42.00	
custom application	2.71	
Plant: .25 hrs. labor and tractor	2.96	
Seed: 100 lbs. @ \$.10	10.00	
Irrigate: 1 pre and 3 crop -- 2.5 hrs. labor	13.75	
Water: 1.5 ac.ft. @ \$8.00	12.00	
Taxes: 1/2 of annual	18.00	
Misc.: labor, power, materials	10.00	
Repairs: (except tractor)	12.87	
Business and office costs:	20.00	
TOTAL PRE-HARVEST CASH AND OVERHEAD	171.85	57.28

HARVEST COSTS:

Swath:	8.50	
Rake:	3.50	
Bale: \$12.00 per ton	36.00	
Roadside: \$.22/bale 22 bales/ton	14.52	
TOTAL HARVEST COSTS	62.52	20.84
TOTAL CASH AND OVERHEAD COSTS	234.37	78.12

DEPRECIATION

Irrigation system: \$280 20 yrs 1/2 cost	7.00	
Tractor: 1.7 hrs. @ \$2.29, 1 hr @ \$4.29	8.18	
Equipment:	10.12	
TOTAL DEPRECIATION	25.30	8.43

INTEREST ON INVESTMENT @ 12%

Irrigation system: 1/2 cost \$140.00	8.40	
Tractor: 1.7 hrs @ \$1.37, 1 hr @ \$2.50	8.18	
Equipment:	6.22	
Land: \$2000 1/2 cost	120.00	
TOTAL INTEREST ON INVESTMENT	142.80	47.60
TOTAL COST OF PRODUCTION	402.48	134.16

SAMPLE COSTS AT VARYING YIELDS

Yield: tons/acre	1	2	3	4
Cash Costs/Ton	234.37	117.18	78.12	58.59
Total Costs/Ton	402.48	201.24	134.16	100.62