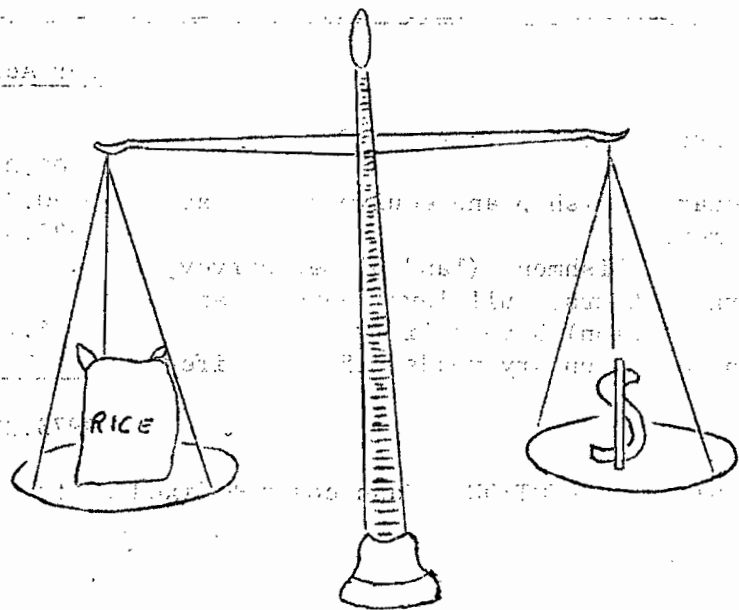


# SAMPLE COSTS

# RICE PRODUCTION

## BUTTE COUNTY



University of California  
Agricultural Extension Service  
Butte County

April 1969

SAMPLE COSTS OF PRODUCTION

RICE

The costs of production figures, amounts of materials used and yields shown in this study are not intended to reflect averages or recommendations but are based on a typical 300-acre rice operation on a 400-acre farm in Butte County.

A column is provided for growers to list their own costs of production which will reflect their individual operation.

Cultural practices, equipment, size of operations, soils and grower preference within a given area will vary for each operation.

It is intended that this cost of production information will be used by growers to evaluate their operation and in budgeting cash expenses.

This sample cost of production study should be used with your Land Use and Crop Yield Record form.

Growers who include additional practices in their operation should increase the cultural costs approximately:

- ... \$19.00 per acre for materials and application if an iron-containing fertilizer is needed.
- ... \$3.50 per acre for materials if a phosphorus-containing fertilizer is included in the fertility program.
- ... \$1.00-\$1.50 per acre for pest control when necessary. (Blackbirds, coots, rodents, etc.)

Miscellaneous overhead is obtained by taking 5 percent of the total harvest and cultural costs.

Interest on investments is figured at 6 percent of one-half the original cost except on land which is figured at full 6 percent. Depreciation, in this study, is based on a 10-year useful life of all items except buildings, which are based on a 30-year useful life -- and other items as noted \*.

Investment in equipment reflects current market prices for new equipment shown in the inventory (except where used items are noted).

Growers with a cash investment in rice units may wish to include 6 percent interest on this investment as a production cost.

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and growers representing rice-producing areas within Butte County.

RI-SV-69

Skilled Labor - \$2.50/hr.  
Includes Fringe Benefits

SAMPLE COSTS TO PRODUCE RICE

Based on 300 acres of rice **RLSV-69**  
5200# dry yield per acre

Butte County - April 1969

Operation	Hours Per Acre	Cash and Labor cost per acre			Total Cost/Acre	My Production Costs
		Labor	Fuel and Repairs	Materials		
<b>Cultural costs:</b>						
Plow (Moldboard) or (Off-set disc plow)	.5	1.25	2.37		3.62	_____
+	+					
Disc (Off-set disc harrow) or (Chisel plow)	.2	.50	1.32		1.82	_____
Disc -- off-set disc harrow (each operation)	.2	.50	1.32		1.82	_____
Float (drag) between levees (optional)	.2	.50	.80		1.30	_____
Fertilize (aerial applied) <u>contract</u>		105 lbs. N				
		(500 lbs. material) .95 cwt 14.75			14.75	_____
Incorporate fertilizer (disc or heavy-duty spiketooth harrow)	.2	.50	1.32		1.82	_____
Close and maintain levees	.1	.25	.40		.65	_____
Flood and irrigate	1.0	2.50	7.2 ac. ft. \$1.80 ea.			
				12.96	15.46	_____
Seed (aerial applied) <u>contract</u>			application 2.00			
Soak, treat and haul to airstrip		1.54	150# @ .07	10.50	14.04	_____
Insect (aerial applied) <u>contract</u>		application \$1/acre 1.18			1.18	_____
Weed control (broadleaf) (aerial applied) <u>contract</u>		application \$1.50/a. 2.94			2.94	_____
Post-flood (barnyardgrass) <u>contract</u> (optional)		application \$1.50/a. 14.10			14.10	_____
Move crawler tractor, <u>contract</u>		\$25 per move (two crawlers, two moves each) .34			.34	_____
<b>TOTAL CULTURAL COSTS</b>		7.54	7.53	58.77	73.84	
<b>Harvest:</b>						
Drain and open levees	.2	.50	.80		1.30	_____
Combine	1.0	4.00	8.50		12.50	_____
Bankout	1.0	3.25	3.45		6.70	_____
Haul to dryer	1.0	2.50	4.56		7.06	_____
Dry, <u>contract</u> , 5700 lbs. Paddy @ .25/cwt 22% moisture				14.00	14.00	_____
Move harvesters, <u>contract</u> , \$25 per move (two harvesters		two moves each) .34			.34	_____
<b>TOTAL HARVEST COSTS</b>		10.25	17.31	14.34	41.90	
<b>TOTAL HARVEST AND CULTURAL COSTS</b>					\$115.74	_____

Cash Overhead:	
Miscellaneous, office, insurance, etc.	\$ 5.82
Taxes (land, headquarters and equipment)	15.36
<b>Total Cash Overhead</b>	<b>\$21.18</b>
<b>Total Cash Costs</b>	<b>\$136.92</b>
Management = 5% of 5200 lbs. @ \$5.00 cwt = \$260	<u>13.00</u>

	<u>Per Acre</u>	<u>Depreciation</u>	<u>Interest</u>		
Investment:					
Land	\$500.00		\$30.00	LL	T
Headquarters (shop and equipment storage)	30.00	15.00	.90	500	
Equipment	437.30	218.65	13.12	15	218.65
Field establishment (land plane, survey, mark contours, pull levees--boxes and installation) 3-year life*	5.15	2.58	.15		2.58
Drains and boundary roads, 15 year life*	1.67	.84	.05	.84	
<b>Total</b>	<b>\$973.82</b>	<b>237.07</b>	<b>\$46.56</b>	<u>5,152.84</u>	<u>221.23</u>
<b>TOTAL COST OF PRODUCTION - Cash costs + fixed costs</b>					<b>\$240.70</b>
Costs/cwt					\$4.63

NOTES:

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