

Sample

Production

Costs

IRRIGATED PASTURE
SPRINKLER IRRIGATED



AGRICULTURAL EXTENSION SERVICE

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Yield - 15 A.U.M. per acre

SAMPLE COSTS TO PRODUCE IRRIGATED PASTURE (Sprinkler) Foothill Area

CASH AND LABOR COSTS PER ACRE

Pasture Cost	Hay Cost
8.33 A.U.M.	2.67 Tons
41.42	33.20
12.10	9.65
4.55	4.55
2.80	2.37
3.40	2.70
	31.20
	9.10
4.40	3.50
2.50	6.50
68.97	102.77

	Hours/ Acre	Labor 2.60/hr.	Tractor & Equipment	Materials, etc.	Total	Pasture Cost	Hay Cost
Cultural, including labor							
Irrigate (17 times)	17.0	44.20	2.00	Water, 3.5 a.f./8.12 28.42	74.62	41.42	33.20
Clipping (1 time)	.5	1.30	1.05		2.35	2.35	
Fertilize (2 times)	.5	1.30	.95	60% Phosphorus @.20 12.00 30% Nitrogen @.25 7.50	21.75	12.10	9.65
Mowing & Raking	1.0	2.60	1.95		4.55		4.55
Misc. - 5% of above		2.47	.30		5.17	2.80	2.37
Taxes per Acre					6.10	3.40	2.70
Baling				2.6 tons/12.0 31.20	31.20		31.20
Hauling & Stacking				2.6 tons/3.50 9.10	9.10		9.10
Misc. overhead					7.90	4.40	3.50
Management					9.00	2.50	6.50
TOTAL CULTURAL		51.87	6.25	113.62	171.74	68.97	102.77

Investment	Per Acre	ANNUAL COST			Total	Pasture Cost	Hay Cost
		Depreciation	Interest @8%	Total			
Land	\$500.00		40.00	40.00	22.20	17.80	
Irrigation System	200.00	13.35	8.00	21.35	11.85	9.50	
Fences	50.00	2.00	2.00	4.00	4.00		
Stand	100.00	14.30	4.00	18.30	10.15	8.15	
Tractor & Equipment	300.00	30.00	12.00	42.00	21.00	21.00	
TOTAL	1150.00	59.65	66.00	125.65	125.65	56.45	

For land on the El Dorado Irrigation district Cost per A.U.M., 15 A.U.M. Yield	TOTAL COST PER ACRE	297.39 19.82	138.17 16.64	159.22 59.63
For land on the Georgetown Water District, add 6.55 to the cost of water Cost per A.U.M., 15 A.U.M. Yield	TOTAL COST PER ACRE	303.94 20.26	144.72 17.37	159.22 59.63
For land not under the Williamson Act, add 11.40 to the cost of taxes Cost per A.U.M., 15 A.U.M. Yield	TOTAL COST PER ACRE	308.79 20.58	149.57 17.95	159.22 59.63
For land in the Georgetown Water District & not under Williamson Act, add 6.55 to cost of water & \$11.50 to the taxes. Cost per A.U.M., 15 A.U.M. Yield	TOTAL COST PER ACRE	315.34 21.02	156.12 18.74	159.22 59.63

BARRY LEESON, FARM ADVISOR and Richard Buchner, Staff Assistant

Production Costs and Yields listed in this leaflet are approximate and not intended to represent any specific ranch nor the averages for El Dorado County.

The sample costs are based on 50 acres of irrigated pasture on 200 acre operation located in the El Dorado Irrigation District using sprinkler irrigation. Labor costs including workman's compensation and social security are figured at \$2.60 per hour.

Costs are based on the following new equipment:

Tractor	20 H.P.	-	\$6,000.00
Mower	7'	-	1,200.00
Fertilizer spreader			700.00
Rake			1,200.00
Pickup truck			5,500.00
Miscellaneous			400.00
Total Investment			<u>\$15,000.00</u>

(Per acre investment on 50 acres -- \$300.00)

Sample Costs of Production can help you:

- Analyze the various enterprises best fitting your farm's resources.
- Budget for cash operating expenses.

Use this sample to compare your costs with those shown in this leaflet.

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