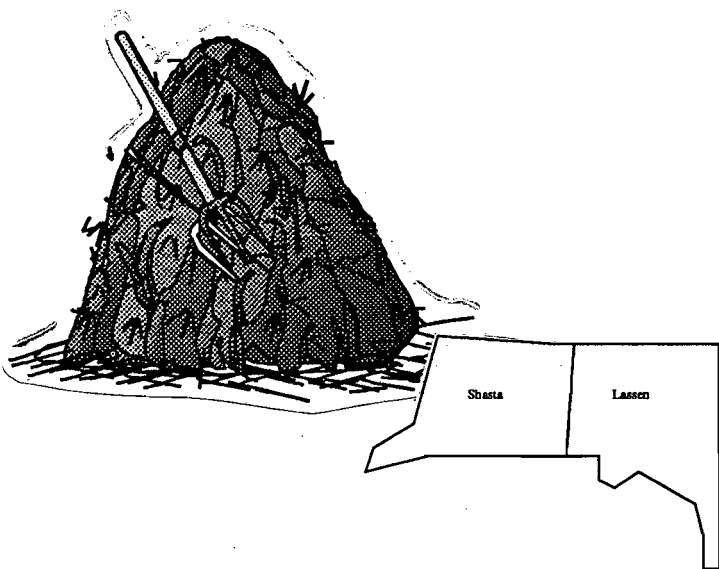


ALFALFA

Sample Production Costs for Fall River and Big Valley

1987



University of California
Cooperative Extension

SAMPLE ALFALFA PRODUCTION COSTS - FALL RIVER AND BIG VALLEY PORTION OF NORTHEASTERN CALIFORNIA - 1987

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ACRES OF ALFALFA 320
 YIELD OF ALFALFA
 TOP QUALITY 4
 PRICE/TON 75.00
 SECOND QUALITY 2
 PRICE/TON 60.00
 NUMBER OF CUTTINGS 3

LONG TERM INTEREST RATE YEARLY % 12.00
 SHORT TERM INTEREST RATE MONTHLY 1.00

INCOME		RANCH TOTAL	TOTAL PER ACRE	PERCENT
	SALES OF TOP QUALITY HAY	96000.00	300.00	71
	SALES OF SECOND QUALITY HAY	38400.00	120.00	29
	TOTAL INCOME	134400.00	420.00	100

COSTS	VARIABLE EXPENSES	LABOR OR CUSTOM		MATERIALS		RANCH TOTAL	TOTAL PER ACRE	PERCENT
		\$ PER ACRE		UNITS	COST/UNIT	COST/SEASON	PER SEASON	
	FERTILIZER							
	SULFUR	4.00		60	.06	2432.00	7.60	1
	PHOSPHORUS	4.00		50	.25	5250.00	16.50	3
	WATER							
	IRRIGATION	2.00		7	10.00	26800.00	84.00	16
	WEED AND GOPHER CONTROL							
	SIMAZINE	4.00		1.2	4.00	2916.00	8.80	2
	GOPHER CONTROL	4.00		1	1.50	1760.00	5.50	1
	HARVEST							
	SWATH	3.00		1	2.00	4800.00	15.00	3
	RAKE	1.50		1	1.00	2400.00	7.50	1
	BALE	3.00		6	4.50	11520.00	36.00	7
	ROADSIDE			16	.20	6144.00	19.20	4
	SHORT TERM INTEREST							
	MONTHS			5		3201.60	10.01	2
	TOTAL OF VARIABLE EXPENSES					67233.60	210.11	

FIXED EXPENSES	VALUE FOR ENTIRE RANCH	YEARS OF PAYMENTS			PERCENT
MORTGAGE	320000.00	40	39817.16	121.30	22
EQUIPMENT	160000.00	5	44385.56	138.70	26
STAND	64000.00	8	8364.18	25.14	5
IRRIGATION SYSTEM	96000.00	20	12852.36	40.16	7
TAXES	1600.00		1600.00	5.00	1
TOTAL OF FIXED EXPENSES			106019.26	331.31	
TOTAL OF ALL EXPENSES			173252.86	541.42	100
NET PROFIT(LOSS)			-38852.86	-121.42	

AVERAGE COST OF PRODUCTION PER TON OF HAY 90.24