



**SAMPLE
COST
OF
PRODUCTION
1989**

**ALFALFA HAY
4 YEAR LIFE**

**YOLO COUNTY
COOPERATIVE EXTENSION**

ALFALFA HAY (4 YEAR LIFE)
 400 ACRES ON A 2,900 ACRE FARM
 LEASE BASIS - 21% OF GROSS SALES TO LANDLORD
 YIELD 7 TONS

	HOURS/ ACRE	CASH COSTS PER ACRE				TOTAL
		LABOR	TRACTOR	IMPLT.	MATERIAL	
CASH GROWING COSTS:						
IRRIGATE 8X @ \$6.03/HR.	5.00	30.15	-	-	-	30.15
WATER (CASH COST 4 AC.FT.) (1/2 PUMP @ \$20.94/AC.FT.) (1/2 SURFACE @ \$10.23/AC.FT.)	-	-	-	-	62.34	62.34
DITCH (OPEN & CLOSE) 1X	.10	.70	1.48	.47	-	2.65
INSECT CONTROL 2.5X						
MATERIALS	-	-	-	-	24.48	24.48
AIRPLANE	-	-	-	-	13.13	13.13
WINTER & SUMMER WEED CONTROL						
MATERIALS (+ditch spray labor)	.05	.29	-	-	40.80	41.09
GROUND APPLICATION 2X (CUSTOM)	-	-	-	-	10.90	10.90
GOPHER CONTROL 1X	.13	.92	1.26	.14	2.35	4.66
MISC. EQUIPMENT USE	-	1.27	1.08	3.05	-	5.39
PICKUP & TRUCK USE	-	-	-	4.13	-	4.13
MOVE EQUIP., SET UP & SERVICE @10% OF LABOR COSTS	-	.32	-	-	-	.32
		<u>33.64</u>	<u>3.81</u>	<u>7.78</u>	<u>154.00</u>	<u>199.22</u>
TOTAL GROWING COSTS:						
SUPERVISORS SALARIES, ACCOUNTING, & OTHER OFFICE EXPENSE	-	-	-	-	30.48	30.48
BUILDINGS (TAXES, INS., REPAIRS)	-	-	-	-	.97	.97
PRODUCTION LOAN INTEREST COST	-	-	-	-	12.80	12.80
EQUIPMENT LOAN INTEREST COST	-	-	-	-	3.65	3.65
TOTAL PRE HARVEST CASH COSTS:						<u>247.12</u>
HARVEST COSTS: (CONTRACT @ \$25/TON X 7 TONS/ACRE)						
					175.00	175.00
LAND OWNER SHARE - 21% X 7 TONS @ \$85/TON						
					124.95	124.95
TOTAL CASH COSTS PER YEAR:						<u>\$ 547.07</u>

INVESTMENT COSTS:	TOTAL
BUILDINGS (interest & depreciation)	5.69
TRACTORS & IMPLEMENTS (interest & depreciation)	14.18
STAND ESTABLISHMENT: ----- \$ 304.01 (depreciated over 4 years)	76.00
(interest on investment)	9.12
TOTAL INVESTMENT COSTS:	105.00
TOTAL ALL COSTS PER ACRE:	\$ 652.07

COSTS PER TON: \$ 93.15

COST PER TON AT VARIOUS YIELDS AND VARIOUS SHARE RENTS

YIELD	SHARE RENT	COST/TON
5 TONS	25%	116.67
	20%	112.42
	15%	108.17
6 TONS	25%	104.94
	20%	100.69
	15%	96.44
7 TONS	25%	96.55
	21%	93.15
	15%	88.05
8 TONS	25%	90.26
	20%	86.01
	15%	81.76
9 TONS	25%	85.37
	20%	81.12
	15%	76.87

MANAGEMENT FEE @ 5% OF GROSS INCOME: ----- \$ 29.75

(usual charge for management is not included in this study)