

University of California
Cooperative Extension

1983 - Cost Analysis Work Sheet

YIELD: 2 1/2 tons per acre

					Operating Costs/Hour				
					Fuel & Repairs	Deprec.	Interest	Total	
Equipment Operator - \$8.61* per hr. total					Heavy Wheel Tractor, 150 hp	\$23.08	\$4.00	\$2.80	\$29.88
Other Labor - 7.56* per hr. total					Medium-Wheel Tractor, 80 hp	11.15	2.10	1.50	14.75
Operations	Trac- tor	Acres /Hour	Hours /Acre	Labor \$	Fuel & Repairs \$	Materials		Cost/Acre	
						Kind and Amount	Costs \$	Sample \$	Sample \$
<u>Cultural Costs</u>									
Disc 2x	HT	5.0	.4	3.44	9.23				12.67
Subsoil, 1/2 acreage	HT	3.3	.3	2.58	6.92				9.50
Fertilizer	MT	5.0	.2	1.72	2.23	Nitrogen - 100 lbs at 20¢ - equipment 1.00	21.00		24.95
Plant	MT	4.0	.25	2.15	2.79	Seed: 100 lbs. @ \$16.00	16.00		20.94
Weed Control						Material \$10.00 Application	\$8.00 18.00		18.00
Repairs to Equipment					3.00				3.00
Miscellaneous			.50	4.30	5.77	Fire insurance	.25		10.32
Interest on operating capital							8.20		8.20
TOTAL CULTURAL COSTS				\$14.19	\$29.94		\$63.45		\$107.58
<u>Harvesting Costs</u>									
Swath						Custom			\$ 7.50
Bale						2.5 tons @ 13.60/ton (17 bales at .80)			34.00
Roadside						2.5 tons @ \$5.95/ton (17 bales at .35)			14.88
TOTAL HARVEST COSTS									\$ 56.38
Rent	25% of 2.5 tons @ \$80.00								\$ 50.00
Business & miscellaneous costs 6% of cultural, harvest & rent									12.84
<u>Depreciation & Interest</u>					<u>Depreciation</u>		<u>Interest 14%</u>		
				Tractors	\$4.80		\$1.96		
				Other Equipment, \$60	6.00		4.20		
TOTAL DEPRECIATION & INTEREST					\$10.80		\$6.16		\$ 16.96
TOTAL COST PER ACRE									\$243.76
TOTAL COST PER TON									\$ 97.50

*Social Security, Workman's Compensation, Insurance included