

Based on a yield of 3 1/2 tons/acre

Total Labor Costs/Hour: Tractor Driver \$3.79
Other Labor: 2.98

Hourly Tractor Costs:	Cash Costs	Depreciation	Interest
100 hp - wheel diesel	\$3.00	\$1.88	\$0.68
50 hp - wheel diesel	1.60	1.13	.38
40 hp - wheel diesel	1.30	.68	.23

Operation	Hours Per Acre	Labor	Fuel & Repairs	Materials & Other Costs	Costs	Per Acre Total
CULTURAL						
Land Preparation	4.0	\$ 15.16	\$ 18.00			\$ 33.16
Plant	1.0	3.79	2.55	Seed & seed treatment: 1 lb. @ \$5.50	\$ 5.50	11.84
Herbicide: custom				Materials \$16 - Application \$4	20.00	20.00
Irrigate 8x	13.0	38.74	8.00	Water: 2.6 acre feet @ \$5 for power	13.00	59.74
Cultivate 6x	4.0	15.16	8.40			23.56
Thin - machine				Custom	18.30	18.30
Hoe	11.0	32.78				32.78
Fertilize 3x				Materials \$82.50 - Application \$11.50	94.00	94.00
Pest Control 3x				Materials \$37.50 - Application \$12.00	49.50	49.50
Miscellaneous	4.0	11.92	8.40			20.32
Total Cultural Costs		\$117.55	\$ 45.35		\$200.30	\$363.20
HARVEST						
Pick - \$0.018/lb.		126.00				126.00
Supervision		3.40				3.40
Tractor Costs		4.00	12.00			16.00
Haul				\$6/ton - average cost	21.00	21.00
Total Harvest Costs		\$133.40	\$ 12.00		\$ 21.00	\$166.40
Miscellaneous overhead, office & business expense (6% cultural costs)						21.80
Rent: .6 year @ \$120/acre						72.00
Total Cash Costs						\$623.40
Management: 5% of 3 1/2 tons @ \$0.095 per lb. (\$665)						33.25
ANNUAL COSTS						
	<u>Investment</u>	<u>Per Acre</u>	<u>Depreciation</u>	<u>Interest - 7%</u>		
	Buildings	\$ 50.00	\$ 2.50	\$ 1.75		
	Irrigation System	75.00	7.50	2.73		
	Equipment	90.00	9.00	3.15		
	Tractors	145.00	14.08	4.73	(Except tractors for .6 year)	
	Total	\$360.00	\$33.08	\$12.26		\$ 34.73
TOTAL COST PER ACRE						\$691.38
Cost per ton @ 3 1/2 ton yield		(Cost per lb. - \$0.099)				197.57
Cost per ton at varying yields:	2 tons - \$314.19 (0.157/lb.)	4 tons - \$178.10 (0.089/lb.)	6 tons - \$132.73 - (0.066/lb.)			
	3 tons - \$223.46 (0.112/lb.)	5 tons - \$150.88 (0.075/lb.)				

MJS/EAY:sd 5/1/73:200c.

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