

AGRICULTURAL EXTENSION SERVICE
 UNIVERSITY OF CALIFORNIA
 SOLANO COUNTY

SUGAR BEETS COSTS OF PRODUCTION

Dixon Area, Solano County, December 1972

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Study based on: Rented land
 275 acres of sugar beets on a 1,100 acre farm
 Yield - 22 tons
 Labor rates - skilled \$2.50/hr. Regular \$2.25/hr.
 (including workmen's compensation, social security, etc.)

CULTURAL COSTS

CASH AND LABOR COSTS PER ACRE

<u>Seed Bed Preparation</u>	<u>Hrs/ac.</u>	<u>Labor</u>	<u>Fuel & Rep.</u>	<u>Materials</u>	<u>Total</u>
Disc 2 times (fall)	0.4	1.00	2.68		3.68
Land plane 2 times (fall)	0.5	1.25	1.73		2.98
Chisel (fall)	0.6	1.50	2.04		3.54
Disc 2 times	0.4	1.00	2.68		3.68
Harrow & roll	0.3	.75	.98		1.73
List & fertilize (applied)	0.4	1.00	.97	60 lbs. @ 7.5¢ = \$3.75	5.72
Roll beds	0.2	.50	.52		1.02
Move equipment, service and set up at 10% of time	0.3	.75			.75
<u>Planting</u>					
Sled plant (2 men)	0.3	1.50	1.38	Seed 2-1/2 lbs. @ 80¢ = \$2.00	4.88
Herbicide (Tillam-banded 12")				8.00	8.00
Starter solution (8-24-0)				10.00	10.00
<u>Growing costs</u>					
Cultivate	0.3	.75	1.28		2.03
Roll	0.2	.50	.41		.91
Cultivate 2 times sled & tools	0.6	1.50	2.55		4.05
Thin (machine)	0.4	1.00	.70		1.70
Hoe (clean-up)	7.0	15.75			15.75
Hoe	4.5	10.13			10.13
Cultivate & furrow 3 times	0.9	2.25	3.83		6.08
Fertilize (applied)				80 lbs. N @ 7.5¢ = \$6.00	6.00

CULTURAL COSTSCASH AND LABOR COSTS PER ACRE

<u>Growing costs - con't</u>	<u>Hrs/ac.</u>	<u>Labor</u>	<u>Fuel & Rep.</u>	<u>Materials</u>	<u>Total</u>
Irrigate 6 times	9.0	20.25			20.25
Water 4-1/2 acre feet				15.45	15.45
Ditch 3 times	0.2	.50	.85		1.35
Move equipment, service and set up at 10% of time	<u>0.3</u>	<u>.75</u>			<u>.75</u>
Total	26.8	62.63	22.60	45.20	130.43

HARVESTHarvest costs

Dig - Contract at \$1.25/T					27.50
Haul-Contract at \$1.25/T					<u>27.50</u>
Total					55.00

MISCELLANEOUSMiscellaneous growing and operating costs

Phone, pick-up, postage, roadside weed control, interest on operating capitol, etc. 12% of Growing Costs					15.65
Foremen's transportation, vacations, bonuses, etc. 12% of cash wage					7.52
Additional labor expense - 3 men at \$2.50/day					<u>7.50</u>
Total					30.67
Share rent 20% X 22 tons X \$14.50					<u>63.80</u>
Total Cash Costs					279.90
Management - 5% at 22 tons at \$14.50					15.95
Investment charges		Depreciation		Interest	
Buildings \$10.00/acre		.50		.30	
Tractors & equipment \$144		<u>13.73</u>		<u>5.04</u>	
Total		14.23		5.34	19.57
Total All Costs/Acre					<u>315.42</u>
Cost Per Ton (at 22 ton yield)					14.34