

AGRICULTURAL EXTENSION SERVICE  
UNIVERSITY OF CALIFORNIA  
SOLANO COUNTY

by Everett F. Nourse, Solano County Farm Advisor

SAMPLE COSTS TO PRODUCE SUGAR BEETS - SOLANO COUNTY - 1964 - YIELD 20 TONS

<u>CULTURAL</u>	<u>CASH &amp; LABOR COSTS PER ACRE</u>				
<u>Seed Bed Preparation</u>	<u>Hrs./Ac.</u>	<u>Labor</u>	<u>Fuel &amp; Rep.</u>	<u>Materials</u>	<u>Total</u>
Disc 2 times (Fall)	0.4	0.56	1.64		2.20
Landplane 2 times (Fall)	0.5	0.70	2.01		2.71
Chisel (Fall)	0.6	0.84	2.54		3.38
Disc 2 times	0.4	0.56	1.64		2.20
Harrow and Roll	0.3	0.42	1.07		1.49
List and Fertilize	0.4	0.56	1.10	(60 lbs. N 5.70)	
Rent Applicator				( 2.00)	9.36
Roll Beds	0.2	0.28	0.23		0.51
Move Equipment, Service and Set Up at 10% of Time	0.3	0.42			0.42
<u>Planting</u>					
Sled Plant (2 Men) Seed - 5 lbs. at 55¢/lb.	0.3	0.84	0.47	(Seed 5 lbs. 2.75)	4.06
<u>Growing Costs</u>					
Cultivate (by hoe)	0.3	0.42	0.95		1.37
Roll	0.2	0.28	0.23		0.51
Cultivate 2 times Sled and tools	0.6	0.84	1.33		2.17
Thin	12.5	14.37			14.37
Hoe 2 times	20.0	22.50			22.50
Cultivate and Furrow 3 times	0.9	1.26	2.24		3.50
Fertilize	0.3	0.42	0.66	(90 lbs. N 8.55)	
Rent Tag-A-Long				(0.50)	10.13
Irrigate 6 times Water - 4½ Acre Feet	9.0	11.25		13.68	24.93
Ditch 3 times	0.2	0.28	0.87		1.15
Move Equipment, Service and Set Up at 10% of Time	0.3	0.42			0.42
<b>TOTAL</b>	<b>47.7</b>	<b>57.22</b>	<b>16.98</b>	<b>33.18</b>	<b>107.38</b>

UC COOPERATIVE EXTENSION

Cooperative Extension Work in Agriculture and Home Economics, U. S. Department of  
Agriculture, University of California and County of Solano Cooperating.

Sample Costs to Produce Sugar Beets - Continued

	<u>Hrs./Ac.</u>	<u>Labor</u>	<u>Fuel &amp; Rep.</u>	<u>Materials</u>	<u>Total</u>
<b><u>HARVEST</u></b>					
<b><u>Harvest Costs</u></b>					
Dig - Contract at \$1.55/T					31.00
Haul - Contract at \$1.25/T					<u>25.00</u>
TOTAL					56.00
<b><u>MISCELLANEOUS</u></b>					
<b><u>Miscellaneous Growing and Operating Costs</u></b>					
Phone, Pickup, Postage, Roadside Weed Control, etc.					8.72
Foremans Transportation, Vacations, Bonuses, etc.					2.50
Additional Labor Expense - Camp Charges 50¢/man/day					
Crew Supervision \$12.50/Day, Transportation to Field \$7.50/Day					
Recruit and Transport Labor, Additional Board					<u>10.35</u>
TOTAL					21.57
Taxes - Land at \$12.00/Acre					12.00
Management - 5% at 20 Tons at \$13.50					13.50
Investment Charges		Depreciation		Interest	
Land \$750.00/Acre at 6%				45.00	
Buildings \$10.00/Acre		.50		.30	
Irrigation Wells & Pumps, Panel					
\$100.00		4.65		3.00	
Tractors and Equipment \$135.		<u>13.56</u>		<u>4.05</u>	
TOTAL		18.71		52.35	<u>71.06</u>
TOTAL ALL COSTS/ACRE					281.51
COST PER TON (At 20 Ton Yield)					14.08