

SUGAR BEETS (22 TONS/ACRE - 15% SUGAR)
 300 ACRES FOLLOWING WHEAT
 SPRING PLANTING/FALL HARVEST

*Yolo Co. - Woodland
 Area
 1985*

	HOURS/ ACRE	CASH COSTS PER ACRE				TOTAL
		LABOR	TRACTOR	IMPLT.	MATERIAL	
FALL GROUND PREPARATION:						
BALE STRAW(CUSTOM - NO CHARGE)						
V DITCH, OPEN & CLOSE	.05	.35	.76	.24	-	1.35
PRE-IRRIGATE	1.25	6.86	-	-	-	6.86
WATER	-	-	-	-	11.36	11.36
MISC(SHOVELS & DAMS)	-	-	-	-	.30	.30
DISC 2X	.26	1.66	3.93	1.79	-	7.38
TRIPLANE 2X	.34	2.17	5.14	1.23	-	8.54
LIST	.25	1.76	2.37	.34	-	4.47
MOVE EQUIP. SET UP & SERVICE @ 10% OF LABOR COSTS	-	.59	-	-	-	.59
TOTAL GROUND PREP. COSTS:		<u>13.39</u>	<u>12.20</u>	<u>3.60</u>	<u>11.66</u>	<u>40.85</u>
PLANTING						
FALL (150 ACRES)						
INCorp. HERB. 1X	.17	1.20	1.61	.63	18.36	21.80
APPLY FERT. & PLANT	.17	1.20	1.31	.86	-	3.37
SEED 2 LBS.	-	-	-	-	8.00	8.00
STARTER FERT, 10 GALS.	-	-	-	-	8.38	8.38
SPRING (150 ACRES)						
WINTER WEED CONTROL 2X AIR	-	-	-	-	16.89	16.89
LILLISTON 2X	.20	1.41	1.54	.52	-	3.47
PLANT WITHOUT FERTILIZER	.17	1.20	1.31	.86	-	3.37
SEED 2 LBS.	-	-	-	-	8.00	8.00
WEED CONTROL, BAND SPRAY	-	-	-	-	14.93	14.93
RECUltivate (30 ACRES)	.03	.21	.28	.04	-	.54
REPLANT (30 ACRES)	.03	.21	.23	.14	-	.58
SEED	-	-	-	-	1.60	1.60
MOVE EQUIP. SET UP & SERVICE @ 20% OF LABOR COSTS	-	1.08	-	-	-	1.08
TOTAL PLANTING COSTS:		<u>6.50</u>	<u>6.28</u>	<u>3.06</u>	<u>76.16</u>	<u>92.01</u>

SUGAR BEETS CONT.

CASH COSTS PER ACRE

	HOURS/ ACRE	CASH COSTS PER ACRE				
		LABOR	TRACTOR	IMPLT.	MATERIAL	TOTAL
<u>GROWING:</u>						
CULTIVATE	.33	2.32	3.13	.44	-	5.90
CUTWORM BAIT (1/3 AC.)					3.77	3.77
FLAT ROLL	.12	.76	.92	.14	-	1.83
THIN (ELECTRONIC)	.33	2.32	2.54	2.44	-	7.30
HOE					50.00	50.00
FERTILIZE 90 LBS. N	.33	2.32	3.13	.57	21.60	27.63
LAYBY HERBICIDE	.25	1.76	1.92	.75	9.51	13.94
ROLLING CULTIVATOR	.20	1.41	1.54	.52	-	3.47
V DITCH, OPEN & CLOSE 3X	.15	1.06	2.27	.72	-	4.05
IRRIGATE 7X	8.75	48.04	-	-	-	48.04
WATER	-	-	-	-	60.60	60.60
MISC. (SHOVELS, DAMS)	-	-	-	-	2.00	2.00
INSECT & DISEASE CONTROL						
AIRPLANE 3X	-	-	-	-	16.50	16.50
WORMS 1X	-	-	-	-	11.58	11.58
MILDEW 2X, SULFUR	-	-	-	-	9.47	9.47
MOVE EQUIP. SET UP & SERVICE @ 15% OF LABOR COSTS (-HOE, IRRIG.)	-	1.79	-	-	-	1.79
<u>GROWING COSTS:</u>		<u>61.79</u>	<u>15.46</u>	<u>5.59</u>	<u>185.02</u>	<u>267.86</u>
<u>MISCELLANEOUS COSTS:</u>						
PICKUP & TRUCK USE	-	-	-	-	4.49	4.49
SUPERVISORS' SALARIES, ACCOUNTING OFFICE EXPENSE	-	-	-	-	43.01	43.01
BUILDING (TAXES, INS., REPAIRS)	-	-	-	-	1.00	1.00
MISC. EQUIP. USE	-	.93	1.37	.84	-	3.14
PRODUCTION LOAN INTEREST COST	-	-	-	-	27.58	27.58
EQUIPMENT LOAN INTEREST COST	-	-	-	-	7.31	7.31
<u>MISCELLANEOUS COSTS:</u>		<u>.93</u>	<u>1.37</u>	<u>.84</u>	<u>83.39</u>	<u>86.54</u>
<u>TOTAL PRE-HARVEST CASH COSTS:</u>					\$	<u>487.26</u>

SUGAR BEETS CONT.

HARVEST COSTS: (CUSTOM) (top & dig, \$2/ton; haul, \$2.75/ton)

PRODUCTION & HARVEST CASH COSTS:

LANDLORD SHARE (20% X 22 tons @ \$36/ton)

TOTAL CASH COSTS:

INVESTMENT COSTS:

BUILDING (interest & depreciation)

TRACTORS & IMPLTS. (int. & deprec.)

TOTAL INVESTMENT COSTS:

TOTAL ALL COSTS/ACRE:

COST PER TON @ 22 TONS/ACRE:

TOTALS

104.50

591.76

158.40

750.16

5.69

26.48

32.17

782.33

35.56

COST SUMMARY:

CASH

NON-CASH

TOTAL

COST PER ACRE (22 ton yield, 15% sugar)

GROWING	487.26	32.17	519.43
HARVEST	104.50	-	104.50
LANDOWNER	158.40	-	158.40
TOTAL:	\$ 750.16	32.17	782.33

COST PER TON (25 ton yield, 15% sugar)

GROWING	19.49	3.01	22.50
HARVEST	4.75	-	4.75
LANDOWNER	7.20	-	7.20
TOTAL:	\$ 31.44	3.01	34.45

COST PER TON (30 ton yield, 15% sugar)

GROWING	16.24	1.07	17.31
HARVEST	4.75	-	4.75
LANDOWNER	7.20	-	7.20
TOTAL:	\$ 28.19	1.07	29.26

MANAGEMENT FEE @ 5% OF GROSS INCOME:
(usual charge for management not included in this study)

\$ 39.60