

YOLO

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

	HOURS/ ACRE	COSTS PER ACRE				TOTAL
		LABOR	TRACTOR	IMPLT.	MATERIAL	
FALL GROUND PREPARATION:						
BALE STRAW(CUSTOM - NO CHARGE)						
V DITCH, OPEN & CLOSE	.05	.35	.58	.24	-	1.18
PRE-IRRIGATE	1.25	6.95	-	-	-	6.95
WATER	-	-	-	-	11.31	11.31
MISC(SHOVELS & DAMS)	-	-	-	-	.30	.30
DISC 2X	.26	1.66	3.03	1.79	-	6.48
TRIPLANE 2X	.34	2.17	3.97	1.23	-	7.37
LIST	.25	1.76	1.68	.34	-	3.78
MOVE EQUIP. SET UP & SERVICE @ 10% OF LABOR COSTS	-	.59	-	-	-	.59
TOTAL GROUND PREP. COSTS:		<u>13.48</u>	<u>9.26</u>	<u>3.60</u>	<u>11.61</u>	<u>37.95</u>
PLANTING						
FALL (150 ACRES)						
INCORP. HERB. 1X	.17	1.20	1.14	.63	19.79	22.76
APPLY FERT. & PLANT	.17	1.20	.99	.86	-	3.05
SEED 2 LBS.	-	-	-	-	10.00	10.00
STARTER FERT, 10 GALS.	-	-	-	-	9.35	9.35
SPRING (150 ACRES)						
WINTER WEED CONTROL 2X AIR	-	-	-	-	16.44	16.44
LILLISTON 2X	.20	1.41	1.17	.52	-	3.10
PLANT WITHOUT FERTILIZER	.17	1.20	.99	.86	-	3.05
SEED 2 LBS.	-	-	-	-	10.00	10.00
WEED CONTROL, BAND SPRAY	-	-	-	-	15.59	15.59
RECUITIVATE (30 ACRES)	.03	.21	.20	.04	-	.45
REPLANT (30 ACRES)	.03	.21	.18	.14	-	.53
SEED	-	-	-	-	2.00	2.00
MOVE EQUIP. SET UP & SERVICE @ 20% OF LABOR COSTS	-	1.08	-	-	-	1.08
TOTAL PLANTING COSTS:		<u>6.50</u>	<u>4.68</u>	<u>3.06</u>	<u>83.17</u>	<u>97.41</u>

SUGAR BEETS CONT.

	HOURS/ ACRE	CASH COSTS PER ACRE				
		LABOR	TRACTOR	IMPLT.	MATERIAL	TOTAL
GROWING:						
CULTIVATE	.33	2.32	2.22	.44	-	4.98
CUTWORM BAIT (1/3 AC.)					3.77	3.77
FLAT ROLL	.12	.76	.70	.14	-	1.61
THIN (ELECTRONIC)	.33	2.32	1.93	2.44	-	6.69
HOE					50.00	50.00
FERTILIZE 90 LBS. N @ 24c/lb.	.33	2.32	2.22	.57	21.60	26.71
LAYBY HERBICIDE	.25	1.76	1.46	.75	9.79	13.76
ROLLING CULTIVATOR	.20	1.41	1.17	.52	-	3.10
V DITCH, OPEN & CLOSE 3X	.15	1.06	1.75	.72	-	3.53
IRRIGATE 7X	8.75	48.65	-	-	-	48.65
WATER	-	-	-	-	60.32	60.32
MISC. (SHOVELS, DAMS)	-	-	-	-	2.00	2.00
INSECT & DISEASE CONTROL						
AIRPLANE 3X	-	-	-	-	16.50	16.50
WORMS 1X	-	-	-	-	18.32	18.32
MILDEW 2X, SULFUR	-	-	-	-	10.40	10.40
MOVE EQUIP. SET UP & SERVICE @ 15% OF LABOR COSTS(-HOE, IRRIG.)	-	1.79	-	-	-	1.79
GROWING COSTS:		<u>62.40</u>	<u>11.45</u>	<u>5.59</u>	<u>192.70</u>	<u>272.14</u>
MISCELLANEOUS COSTS:						
PICKUP & TRUCK USE	-	-	-	-	4.45	4.45
SUPERVISORS' SALARIES, ACCOUNTING OFFICE EXPENSE	-	-	-	-	45.74	45.74
BUILDING (TAXES, INS., REPAIRS)	-	-	-	-	1.00	1.00
MISC. EQUIP. USE	-	.99	1.12	.81	-	2.92
PRODUCTION LOAN INTEREST COST	-	-	-	-	27.11	27.11
EQUIPMENT LOAN INTEREST COST	-	-	-	-	7.31	7.31
MISCELLANEOUS COSTS:		<u>.99</u>	<u>1.12</u>	<u>.81</u>	<u>85.61</u>	<u>88.53</u>
TOTAL PRE-HARVEST CASH COSTS:					\$	<u>496.03</u>

SUGAR BEETS CONT.		TOTALS
HARVEST COSTS: (CUSTOM)(top & dig, \$2/ton; haul, \$2.75/ton)		104.50
PRODUCTION & HARVEST CASH COSTS:	\$	600.53
LANDOWNER SHARE (16% X 22 TONS @ \$34/TON)		119.68
TOTAL CASH COSTS:	\$	720.21
INVESTMENT COSTS:		
BUILDING (interest & depreciation)		5.69
TRACTORS & IMPLTS. (int. & deprec.)		26.48
TOTAL INVESTMENT COSTS:		32.17
TOTAL ALL COSTS/ACRE:	\$	752.38
COST PER TON @ 22 TONS/ACRE:	\$	34.20

COST SUMMARY:	CASH	NON-CASH	TOTAL
COST PER ACRE (22 ton yield, 15% sugar)			
GROWING	496.03	32.17	528.20
HARVEST	104.50	-	104.50
LANDOWNER	119.68	-	119.68
TOTAL:	\$ 720.21	32.17	752.38

MANAGEMENT FEE: (5% of gross income, 22 tons x \$34/ton) _____ \$ 37.40
 (usual charge for management, not included as a cost in this study)

COST PER TON AT VARYING YIELDS AND SHARE RENTALS

CROP YIELD	Crop Share Rental in Percent		
	20%	16%	12%
18 TONS	40.89	39.53	38.17
22 TONS	35.56	34.20	32.84
26 TONS	31.87	30.51	29.15