

YOLD

SUNFLOWERS FOR OIL
 600 ACRES FOLLOWING WHEAT, CORN, ALFALFA OR SUGAR BEETS ON A 2900 ACRE FARM
 LEASE BASIS - 20% OF GROSS SALES TO LANDLORD
 YIELD - 2,400 LBS/ACRE

	HOURS/ ACRE	CASH COSTS PER ACRE				TOTAL
		LABOR	TRACTOR	IMPLT.	MATERIAL	
SEED BED PREPARATION:						
FALL:						
FLOW (1/2 ACRES)	.20	1.27	1.64	.81	-	3.72
SUBSOIL & ROLL (1/2 ACRES)	.20	1.27	3.32	.94	-	5.53
TRIPLANE 2X	.34	2.17	3.97	1.23	-	7.37
LIST UP BEDS (1/2 ACRES)	.13	.83	.87	.17	-	1.88
SPRING:						
SPRINGTOOTH 2X (1/2 ACRES)	.08	.51	.93	.39	-	1.83
LIST UP BEDS (1/2 ACRES)	.13	.83	.87	.17	-	1.88
INCORPORATE HERBICIDE	.20	1.27	1.17	.52	-	2.96
HERBICIDE	-	-	-	-	5.71	5.71
ROLLING CULTIVATOR	.20	1.27	1.17	.52	-	2.96
MOVE EQUIP., SET & SERVICE @ 10% OF LABOR COSTS	-	.94	-	-	-	.94
TOTAL SEEDBED PREPARATION COSTS:		<u>55.60</u>	<u>13.94</u>	<u>4.76</u>	<u>5.71</u>	<u>34.78</u>
PLANTING:						
PLANT SEED - 3.5 LBS. @ \$4.00/LB.	.33	2.32	1.89	1.68	-	5.88
	-	-	-	-	14.00	14.00
MOVE EQUIPMENT, SET UP & SERVICE @ 20% OF LABOR COSTS	-	.46	-	-	-	.46
TOTAL PLANTING COSTS:		<u>2.79</u>	<u>1.89</u>	<u>1.68</u>	<u>14.00</u>	<u>20.35</u>

SUNFLOWERS CONT.

	HOURS/ ACRE	CASH COSTS PER ACRE				
		LABOR	TRACTOR	IMPLT.	MATERIAL	TOTAL
GROWING COSTS:						
CUTWORM CONTROL (10% OF ACRES)						
MATERIAL	-	-	-	-	2.25	2.25
AIRPLANE	-	-	-	-	.55	.55
ROLLING CULTIVATOR	.17	1.08	.99	.72	-	2.79
FURROW & SIDE DRESS	.29	1.85	1.95	.50	-	4.30
100 LBS. N @ 24c/LB.	-	-	-	-	24.00	24.00
DITCH & CLOSE 2X	.10	.70	1.17	.24	-	2.11
IRRIGATE 4X @ 1.25 HRS./ACRE	5.00	27.80	-	-	-	27.80
WATER 1.0 AC.FT.@ \$9.99/FT.	-	-	-	-	9.99	9.99
1.0 AC.FT.@ \$20.16	-	-	-	-	20.16	20.16
HEADMOTH CONTROL 15% AC.						
AIRPLANE	-	-	-	-	.83	.83
MATERIAL	-	-	-	-	1.73	1.73
POLLINATION - BEES	-	-	-	-	2.67	2.67
MOVE EQUIP., SET UP & SERVICE @ 15% OF LABOR COST	-	4.72	-	-	-	4.72
TOTAL GROWING COSTS:		<u>36.15</u>	<u>4.11</u>	<u>1.46</u>	<u>62.18</u>	<u>103.90</u>
MISCELLANEOUS COSTS:						
SUPERVISORS SALARIES, ACCOUNTING, OFFICE EXPENSE	-	-	-	-	21.46	21.46
PRODUCTION LOAN INTEREST COST	-	-	-	-	11.60	11.60
PICKUP AND TRUCK USE	-	-	-	-	2.09	2.09
MISC. EQUIPMENT USE	-	.47	.52	.38	-	1.37
EQUIPMENT LOAN INTEREST COST	-	-	-	-	9.87	9.87
BUILDING (TAXES, INS., REPAIRS)	-	-	-	-	1.00	1.00
MISCELLANEOUS CASH COSTS:		<u>.47</u>	<u>.52</u>	<u>.38</u>	<u>46.02</u>	<u>47.39</u>
PREHARVEST CASH COSTS:						<u>206.42</u>

SUNFLOWERS CONT.

	HOURS/ ACRE	CASH COSTS PER ACRE				
		LABOR	TRACTOR	IMPLT.	MATERIAL	TOTAL
HARVEST COSTS:						
COMBINE	.31	2.18	7.21	1.25		10.65
BANKOUT WAGON	.31	1.97	1.81	.37	-	4.16
TOTAL HARVEST COSTS:		4.16	9.03	1.62	.00	14.81
POST HARVEST COSTS:						
STUBBLE DISC	.22	1.40	3.65	2.07	-	7.12
TOTAL CULTURAL AND HARVEST COSTS:						228.35
SHARE RENT 20% OF GROSS (2400 LBS. @ 12c/lb)					57.60	57.60
TOTAL CASH COSTS:						285.95
INVESTMENT COSTS:						
BUILDINGS (INTEREST & DEPRECIATION)		-		-	5.69	5.69
TRACTORS & IMPLT. (INT. & DEPREE.)		-		-	37.45	37.45
TOTAL INVESTMENT COSTS:					43.14	43.14
TOTAL ALL COSTS PER ACRE:						329.09
COST PER CWT.		-		-		13.71

(Management fee @ 5% of gross income - 24 cwt. @ \$12/cwt.) _____ \$14.40
 (usual charge for management, not included as a cost in this study)

SUNFLOWERS CONT:

COST PER CWT. AT VARYING YIELDS AND SHARE RENTALS

<u>CROP YIELD</u>	<u>Crop Share Rental in Percent</u>		
	<u>25%</u>	<u>20%</u>	<u>15%</u>
2,000 lbs	16.57	15.97	15.37
2,400 lbs	14.31	13.71	13.11
2,800 lbs	12.70	12.10	11.50

(Cost in \$ per hundred weight)