

TITLE: SUGAR BEETS-PROJECTED PRODUCTION COSTS FOR 1980
 IMPERIAL COUNTY BY ROBERT HAGEMANN, FARM ADVISOR
 TYPICAL YIELD OF 26 CLEAN TONS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
SUGAR BEETS	TON	25.000	26.000	650.00	
TOTAL RECEIPTS:				\$ 650.00	
2. VARIABLE COSTS:					
PREHARVEST:					
CUSTOM SUBSOIL	EACH	18.000	1.000	18.00	
CUSTOM DISC	EACH	6.500	2.000	13.00	
BLD & BRK BORDER	ACRE	11.500	1.000	11.50	
FLOOD	APLC	15.730	1.000	15.73	
CUSTOM DISC	EACH	6.500	2.000	13.00	
N - P - O	LBS.	0.140	300.000	42.00	
FERTILIZER APP	ACRE	4.000	1.000	4.00	
CUSTOM FLOAT	ACRE	6.000	1.000	6.00	
CUSTOM LIST	ACRE	7.500	1.000	7.50	
HERBICIDE	ACRE	10.800	1.000	10.80	
HERBICIDE APP	APLC	15.000	1.000	15.00	
SUGAR BEET SEED	LBS.	8.000	10.000	80.00	
CUSTOM PLANTING	ACRE	10.000	1.000	10.00	
HERBICIDE	ACRE	14.500	1.000	14.50	
HERBICIDE APP	APLC	4.500	1.000	4.50	
THINNING	ACRE	24.000	1.000	24.00	
CUSTOM CULTIVATE	EACH	7.500	3.000	22.50	
NITROGEN	LBS.	0.320	160.000	51.20	
FERTILIZER APP	ACRE	7.500	2.000	15.00	
HAND HOEING	HR	5.500	11.000	60.50	
INSECTICIDE	ACRE	60.000	0.800	48.00	
INSECTICIDE APP	APLC	3.500	6.000	21.00	
IRRIG DIST WATER	ACFT	5.250	8.000	42.00	
IRRIGATION (SYSTEM MAINT.)	ACIN	0.000	96.000	0.03	
IRRIGATION LABOR	HR	5.500	11.360	62.48	
INTEREST ON OPERATING CAP.	DOL.	0.140	229.808	31.14	
TOTAL PREHARVEST COSTS:				\$ 643.38	
PREHARVEST COST PER TON				\$ 24.7454	
HARVEST:					
DIGGING	TON	2.150	26.000	55.90	
CUSTOM HAULING	TON	1.850	26.000	48.10	
RR FREIGHT	TON	2.950	26.000	76.70	
TOTAL HARVEST COSTS:				\$ 180.70	
HARVEST COST PER TON				\$ 6.9500	
TOTAL VARIABLE COSTS:				\$ 824.08	
VARIABLE COST PER TON				\$ 31.6954	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER TON				\$ -174.08	
				\$ -6.6954	
4. CASH OVERHEAD:					
CASH RENT:				\$ 150.00	
MISC. OFFICE & BOOKKEEPING (12.70% OF TOTAL VARIABLE COSTS)				104.66	
TOTAL CASH OVERHEAD:				\$ 254.66	
OVERHEAD COST PER TON				9.7946	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER TON				\$ -428.74	
				\$ -16.4900	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			0.00	
TOTAL DEPRECIATION:				\$ 0.00	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.140	0.000	0.00	
TOTAL INTEREST CHARGE:				\$ 0.00	
TOTAL FIXED COSTS:				\$ 0.00	
FIXED COST PER TON				0.0000	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER TON				\$ 1078.74	
				41.4900	
8. NET RETURNS:					
NET RETURNS PER TON				\$ -428.74	
				-16.4900	

MECHANICAL OPERATIONS AT CUSTOM RATES
 FURROW IRRIGATION
 CASH RENT BASIS

UPDATED 04/21/80

BUDGET IDENTIFICATION NUMBER 2321300000 160 1
 DATE PRINTED: 06/09/80

BUDGET RECORD NUMBER 177
 HARVEST MONTH: 6

1980 default data

UC Cooperative Extension

IDENTIFICATION NUMBER 2321300000 160 1 HARVEST MONTH 6 BUDGET RECORD NUMBER 177
 SUGAR BEETS-PROJECTED PRODUCTION COSTS FOR 1980
 IMPERIAL COUNTY BY ROBERT HAGEMANN, FARM ADVISOR
 TYPICAL YIELD OF 26 CLEAN TONS

CATEGORY	UNIT	MONTHLY SUMMARY OF RECEIPTS AND EXPENSES												TOTAL
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
TOTAL RECEIPTS	\$/AC	0.00	0.00	0.00	0.00	0.00	650.00	0.00	0.00	0.00	0.00	0.00	0.00	650.00
OPERATING EXPENSES														
CUSTOM SUBSOIL	\$/AC	0.00	0.00	18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00
CUSTOM DISC	\$/AC	0.00	0.00	13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.00
BLD & BRK BORDER	\$/AC	0.00	0.00	11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.50
FLOOD	\$/AC	0.00	0.00	15.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.73
CUSTOM DISC	\$/AC	0.00	0.00	13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.00
N - P - O	\$/AC	0.00	0.00	42.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.00
FERTILIZER APP	\$/AC	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00
CUSTOM FLOAT	\$/AC	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00
CUSTOM LIST	\$/AC	0.00	0.00	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.50
HERBICIDE	\$/AC	0.00	0.00	0.00	10.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.80
HERBICIDE APP	\$/AC	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
SUGAR BEET SEED	\$/AC	0.00	0.00	0.00	80.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00
CUSTOM PLANTING	\$/AC	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
HERBICIDE	\$/AC	0.00	0.00	0.00	0.00	14.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.50
HERBICIDE APP	\$/AC	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.50
THINNING	\$/AC	0.00	0.00	0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00
CUSTOM CULTIVATE	\$/AC	0.00	0.00	0.00	0.00	15.00	7.50	0.00	0.00	0.00	0.00	0.00	0.00	22.50
NITROGEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.60	0.00	25.60	51.20
FERTILIZER APP	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.50	0.00	7.50	15.00
HAND HOEING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.50	0.00	60.50
INSECTICIDE	\$/AC	6.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	6.00	12.00	12.00	6.00	48.00
INSECTICIDE APP	\$/AC	3.50	0.00	0.00	0.00	0.00	0.00	0.00	3.50	3.50	3.50	3.50	3.50	21.00
IRRIG. DIST WATER	\$/AC	5.25	5.25	5.25	0.00	0.00	0.00	0.00	5.25	5.25	5.25	5.25	5.25	42.00
OIL	\$/AC	0.00	0.00	0.00	0.00	0.00	55.90	0.00	0.00	0.00	0.00	0.00	0.00	55.90
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	48.10	0.00	0.00	0.00	0.00	0.00	0.00	48.10
RR FREIGHT	\$/AC	0.00	0.00	0.00	0.00	0.00	76.70	0.00	0.00	0.00	0.00	0.00	0.00	76.70
INTEREST ON OPER. CAP.	\$/AC	1.27	0.58	4.79	2.56	0.64	0.00	0.00	2.15	2.33	5.99	7.07	3.77	31.14
IRRIGATION COST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IRRIG LABOR COST	\$/AC	7.81	7.81	7.81	0.00	0.00	0.00	0.00	3.91	7.81	11.72	7.81	7.81	62.48
TOTAL EXPENSES	\$/AC	23.83	13.65	148.58	118.36	58.64	188.20	0.00	20.81	24.89	71.55	96.14	59.43	824.08

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
IRRIGATION LABOR	HR/AC	1.42	1.42	1.42	0.00	0.00	0.00	0.00	0.71	1.42	2.13	1.42	1.42	11.36
IRRIG. WATER APPLIED	ACIN	12.00	12.00	12.00	0.00	0.00	0.00	0.00	12.00	12.00	12.00	12.00	12.00	96.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANN HOURS USED	FIXED COST PER ACRE				VARIABLE COST PER ACRE				HRS PER ACRE
						DEPR.	INTER.	TAX	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
FURROW IRIG SYS	132	2.0	0.	10.	5000.	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	48.000
MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE			0.			0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	
TOTAL INVESTMENT			0.											

MECHANICAL OPERATIONS AT CUSTOM RATES
 FURROW IRRIGATION
 CASH RENT BASIS

UPDATED 04/21/80

STORED DATA PAGE (NO CALCULATIONS) FOR SUGAR BEETS

BUDGET RECORD NUMBER 177

SUGAR BEETS-PROJECTED PRODUCTION COSTS FOR 1980
 IMPERIAL COUNTY BY ROBERT HAGEMANN, FARM ADVISOR
 TYPICAL YIELD OF 26 CLEAN TONS

COSTS AND RETURNS WILL BE
 DIVIDED BY 26.0 TON
 TO OBTAIN PER TON COSTS

LINE PRODUCTION	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC	13 PRICE	14 SHARE RENT	15 UNIT CODE	16 ITEM CODE	17 TYPE	18 XXXX
1 SUGAR BEETS	0.00	0.00	0.00	0.00	0.00	26.00	0.00	0.00	0.00	0.00	0.00	0.00	25.000	0.000	3.	32.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE RENT	UNIT CODE	ITEM CODE	TYPE	HARV CODE
6 CUSTOM SUBSOIL	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.000	0.000	23.	285.	3.	0.
7 CUSTOM DISC	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.500	0.000	23.	281.	3.	0.
8 BLD & BRK BORDER	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.500	0.000	7.	284.	3.	0.
9 FLOOD	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.730	0.000	34.	351.	3.	0.
10 CUSTOM DISC	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.500	0.000	23.	281.	3.	0.
11 N - P - O	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.140	0.000	12.	212.	3.	0.
12 FERTILIZER APP	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.000	0.000	7.	356.	3.	0.
13 CUSTOM FLOAT	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.000	0.000	7.	283.	3.	0.
14 CUSTOM LIST	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.500	0.000	7.	286.	3.	0.
15 HERBICIDE	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.800	0.000	7.	250.	3.	0.
16 HERBICIDE APP	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.000	0.000	34.	358.	3.	0.
17 SUGAR BEET SEED	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.000	0.000	12.	132.	3.	0.
18 CUSTOM PLANTING	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.000	0.000	7.	292.	3.	0.
19 HERBICIDE	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.500	0.000	7.	250.	3.	0.
20 HERBICIDE APP	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.500	0.000	34.	358.	3.	0.
21 THINNING	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.000	0.000	7.	339.	3.	0.
22 CUSTOM CULTIVATE	0.00	0.00	0.00	0.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	7.500	0.000	23.	310.	3.	0.
23 NITROGEN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00	0.00	80.00	0.320	0.000	12.	211.	3.	0.
24 FERTILIZER APP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	7.500	0.000	7.	356.	3.	0.
25 HAND HOEING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.00	0.00	5.500	0.000	8.	335.	3.	0.
26 INSECTICIDE	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.20	0.20	0.10	60.000	0.000	7.	240.	3.	0.
27 INSECTICIDE APP	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	3.500	0.000	34.	359.	3.	0.
28 IRRIG DIST WATER	1.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	5.250	0.000	30.	323.	3.	0.
29 DIGGING	0.00	0.00	0.00	0.00	0.00	26.00	0.00	0.00	0.00	0.00	0.00	0.00	2.150	0.000	3.	315.	3.	9.
30 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	26.00	0.00	0.00	0.00	0.00	0.00	0.00	1.850	0.000	3.	306.	3.	9.
31 RR FREIGHT	0.00	0.00	0.00	0.00	0.00	26.00	0.00	0.00	0.00	0.00	0.00	0.00	2.950	0.000	3.	483.	3.	9.

MACHINERY REQUIREMENTS IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE M CREW POWER MACH TYPE HARV LABOR UNIT CODE

NONE STORED WITH BUDGET

	SHARE FIXED %	SHARE VAR %	POWER UNIT	SYSTM CODE	LIFT
49 ACIN IRRIG WATER	12.00	12.00	12.00	0.00	0.00
50 NO. TIMES IRRIG	2.00	2.00	2.00	0.00	0.00

EQUIPMENT REQUIREMENTS NUMBER UNITS PROPORT OF COST XXX EQUIP TYPE XXXX CODE

NONE STORED WITH BUDGET

COLUMNS --->	2 CHARGE METHOD	3	4 NUMBER OF ACRES	5 VALUE OR COST/ACRE	6 TAXES PER ACRE	7 PERENNIAL CROPS YRS LIFE	8 COST/ACRE
71 ENTERPRISE 2-32 REGION/COUNTY	13 UNASSIGNED	00000	MACH COMP	1	IRIG SYST	6 UNASSIGNED	0

MECHANICAL OPERATIONS AT CUSTOM RATES

FURROW IRRIGATION MACHINERY COMPLEMENT 1
 CASH RENT BASIS EQUIPMENT COMPLEMENT 1

UPDATED 04/21/80

GENERAL NAME CHANGE->	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE
483 RR FREIGHT					
MACH COMP CHGS-->***	3.	240.000000	***13.	240.000000	
PARAMETER CHGS-->	12.	5.500000	18.	0.710000	28.
				0.127000	

1980 default data