

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
CERT SEED SUDANG	LBS.	0.120	2800.000	\$ 336.00	
TOTAL RECEIPTS:				\$ 336.00	
2. VARIABLE COSTS:					
PREHARVEST:					
NITROGEN	LBS.	0.250	150.000	37.50	
SINGLE-SUPR PHOS	LBS.	0.070	150.000	10.50	
FERTILIZER APP	APLC	3.000	1.000	3.00	
SUDANGRASS, SEED	LBS.	0.250	30.000	7.50	
MISC WEED CON	APLC	5.000	1.000	5.00	
CUSTOM HERB-ATRA	APLC	16.000	1.000	16.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			15.27	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			3.31	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.59	
IRRIGATION (POWER-LUBE-REP)	ACIN	0.969	30.000	29.06	
MACHINERY LABOR	HOUR	6.000	1.460	8.76	
IRRIGATION LABOR	HOUR	4.000	1.670	6.68	
INTEREST ON OPERATING CAP.	DOL.	0.119	48.566	5.58	
TOTAL PREHARVEST COSTS:				\$ 148.74	
PREHARVEST COST PER LBS.				\$ 0.0531	
HARVEST:					
CUSTOM HAULING	LBS.	0.002	3400.000	5.10	
SEED CLEANING	LBS.	0.018	2800.000	49.56	
BAG STORAGE TEST	LBS.	0.011	2800.000	30.80	
INSPECTION FEE	ACRE	0.250	1.000	0.25	
MANAGEMENT	MO.	2.340	6.000	14.04	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			4.18	
MACHINERY LABOR	HOUR	6.000	0.587	3.52	
INTEREST ON OPERATING CAP.	DOL.	0.119	2.946	0.35	
TOTAL HARVEST COSTS:				\$ 107.80	
HARVEST COST PER LBS.				\$ 0.0385	
TOTAL VARIABLE COSTS:				\$ 256.54	
VARIABLE COST PER LBS.				\$ 0.0916	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER LBS.				\$ 79.46	
				\$ 0.0284	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				0.56	
CASH RENT:				80.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				6.41	
TOTAL CASH OVERHEAD:				\$ 86.98	
OVERHEAD COST PER LBS.				0.0311	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER LBS.				\$ -7.52	
				\$ -0.0027	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			19.69	
IRRIGATION SYSTEM	ACRE			1.95	
BUILDINGS	ACRE			1.45	
TOTAL DEPRECIATION:				\$ 23.10	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.119	162.384	19.32	
IRRIGATION SYSTEM		0.119	28.948	3.44	
BUILDINGS		0.100	30.938	3.09	
TOTAL INTEREST CHARGE:				\$ 25.86	
TOTAL FIXED COSTS:				\$ 48.96	
FIXED COST PER LBS.				0.0175	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER LBS.				\$ 392.48	
				0.1402	
8. NET RETURNS:					
NET RETURNS PER LBS.				\$ -56.48	
				-0.0202	

80 ACRES OF 640 ACRE FARM
CERTIFIED SEED CROP, FLOOD IRRIGATION

UPDATED 03/25/80

BUDGET IDENTIFICATION NUMBER 2263400000 312 1
DATE PRINTED: 03/27/80

BUDGET RECORD NUMBER 187
HARVEST MONTH: ?

1979 default data

UC Cooperative Extension

COSTS OF PRODUCTION FOR SUDANGRASS SEED
SACRAMENTO CO.
1980

BY T.S. TORNGREN
FARM ADVISOR

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	0.00	0.00	0.00	0.00	336.00	0.00	0.00	0.00	336.00
OPERATING EXPENSES															
NITROGEN	\$/AC	0.00	0.00	0.00	37.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.50
SINGLE-SUPR PHOS	\$/AC	0.00	0.00	0.00	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.50
FERTILIZER APP	\$/AC	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
SUDANGRASS, SEED	\$/AC	0.00	0.00	0.00	0.00	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.50
MISC WEED CON	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
CUSTOM HERB-ATRA	\$/AC	0.00	0.00	0.00	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.10	0.00	0.00	0.00	0.00	5.10
SEED CLEANING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.56	0.00	0.00	0.00	0.00	49.56
BAG STORAGE TEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.80	0.00	0.00	0.00	0.00	30.80
INSPECTION FEE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.25
MANAGEMENT	\$/AC	0.00	0.00	0.00	2.34	2.34	2.34	2.34	2.34	2.34	0.00	0.00	0.00	0.00	14.04
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	7.09	1.67	0.00	0.00	0.00	3.52	0.00	0.00	0.00	0.00	12.28
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	0.00	3.62	1.48	0.38	0.35	0.10	0.00	0.00	0.00	0.00	0.00	5.93
TRACTOR COST	\$/AC	0.00	0.00	0.00	12.35	2.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.27
EQUIPMENT COST	\$/AC	0.00	0.00	0.00	2.42	0.89	0.00	0.00	0.00	4.18	0.00	0.00	0.00	0.00	7.49
BLDG OPER. COST	\$/AC	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.59
IRRIGATION COST	\$/AC	0.00	0.00	0.00	0.00	5.81	8.72	8.72	5.81	0.00	0.00	0.00	0.00	0.00	29.06
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	0.00	1.34	2.00	2.00	1.34	0.00	0.00	0.00	0.00	0.00	6.68
TOTAL EXPENSES	\$/AC	0.00	0.00	0.00	78.92	40.04	13.54	18.51	9.93	95.60	0.00	0.00	0.00	0.00	256.54

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.00	0.00	0.00	1.18	0.28	0.00	0.00	0.00	0.59	0.00	0.00	0.00	2.05
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.00	0.33	0.50	0.50	0.33	0.00	0.00	0.00	0.00	1.67
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	0.00	6.00	9.00	9.00	6.00	0.00	0.00	0.00	0.00	30.00

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 & INS	TOTAL	FUEL	LUBE	REPAIRS		TOTAL
TRACT 4WD 175HP	8	135.0	52000.	12.	1000.	4.31	5.13	0.69	10.14	7.27	1.09	6.90	15.27	1.327
IRR PUMP 75 HP*	22	2.0	11388.	25.	3200.	1.95	3.44	0.53	5.93	27.55	0.41	1.09	29.06	15.000
COMBINE-GRAIN	26	16.0	41200.	10.	90.	10.23	9.31	1.29	20.83	0.64	0.10	1.54	2.28	0.283
SWATHER	35	14.0	22300.	9.	160.	2.53	2.07	0.29	4.88	0.37	0.06	1.48	1.91	0.206
DISC OFFSET HDTY	63	21.0	9300.	15.	110.	1.52	1.64	0.25	3.41	0.00	0.04	1.88	1.92	0.298
SPRINGTOOTH	77	16.0	2600.	13.	190.	0.20	0.20	0.03	0.42	0.00	0.01	0.33	0.33	0.215
SCRAPER	87	10.0	2200.	14.	180.	0.16	0.16	0.02	0.35	0.00	0.00	0.07	0.07	0.204
GRAIN DRILL	107	14.0	4500.	15.	90.	0.69	0.75	0.12	1.56	0.00	0.02	0.87	0.89	0.230
SURFACE IRR SYS*	128	2.0	0.	10.	5000.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.000
DISK BORDER SGLE	135	12.0	650.	14.	180.	0.06	0.06	0.01	0.13	0.00	0.00	0.10	0.10	0.260
FARM SHOP	2		4500.	35.		1.45	3.09	0.56	5.10	0.56		0.02	0.59	

MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE 1883. 23.10 25.86 3.80 52.76 36.40 1.72 14.28 52.40

TOTAL INVESTMENT 150638.

80 ACRES OF 640 ACRE FARM
CERTIFIED SEED CROP, FLOOD IRRIGATION

UC Cooperative Extension
UPDATED 03/25/80

INCOME ABOVE VARIABLE COSTS
 WHEN THE PRICE OF CERT SEED SUDANG RANGES FROM 0.08 TO 0.16
 AND THE QUANTITY OF CERT SEED SUDANG RANGES FROM 2500.00 TO 3100.00

		PRICE OF CERT SEED SUDANG				
		0.08	0.10	0.12	0.14	0.16

QUANTITY OF CERT SEED S	2500.00 *	-56.54	-6.54	43.46	93.46	143.46
	*					
	2650.00 *	-44.54	8.46	61.46	114.46	167.46
	*					
	2800.00 *	-32.54	23.46	79.46	135.46	191.46
	*					
2950.00 *	-20.54	38.46	97.46	156.46	215.46	
*						
3100.00 *	-8.54	53.46	115.46	177.46	239.46	
*						

INCOME ABOVE ALL CASH COSTS
 WHEN THE PRICE OF CERT SEED SUDANG RANGES FROM 0.08 TO 0.16
 AND THE QUANTITY OF CERT SEED SUDANG RANGES FROM 2500.00 TO 3100.00

		PRICE OF CERT SEED SUDANG				
		0.08	0.10	0.12	0.14	0.16

QUANTITY OF CERT SEED S	2500.00 *	-143.52	-93.52	-43.52	6.48	56.48
	*					
	2650.00 *	-131.52	-78.52	-25.52	27.48	80.48
	*					
	2800.00 *	-119.52	-63.52	-7.52	48.48	104.48
	*					
2950.00 *	-107.52	-48.52	10.48	69.48	128.48	
*						
3100.00 *	-95.52	-33.52	28.48	90.48	152.48	
*						

INCOME ABOVE ALL COSTS
 WHEN THE PRICE OF CERT SEED SUDANG RANGES FROM 0.08 TO 0.16
 AND THE QUANTITY OF CERT SEED SUDANG RANGES FROM 2500.00 TO 3100.00

		PRICE OF CERT SEED SUDANG				
		0.08	0.10	0.12	0.14	0.16

QUANTITY OF CERT SEED S	2500.00 *	-192.48	-142.48	-92.48	-42.48	7.52
	*					
	2650.00 *	-180.48	-127.48	-74.48	-21.48	31.52
	*					
	2800.00 *	-168.48	-112.48	-56.48	-0.48	55.52
	*					
2950.00 *	-156.48	-97.48	-38.48	20.52	79.52	
*						
3100.00 *	-144.48	-82.48	-20.48	41.52	103.52	
*						

BUDGET RECORD NUMBER 187
 80 ACRES OF 640 ACRE FARM
 CERTIFIED SEED CROP, FLOOD IRRIGATION

UC Cooperative Extension

UPDATED 03/25/80

BUDGET IDENTIFICATION NUMBER 2263400000 312 1
 HARVEST OR SALE MONTH 9

BUDGET RECORD NUMBER 187

COSTS OF PRODUCTION FOR SUDANGRASS SEED
 SACRAMENTO CO.
 1980

BY T.S. TORNGREN
 FARM ADVISOR

COSTS AND RETURNS WILL BE
 DIVIDED BY 2800.0 LBS.
 TO OBTAIN PER LBS. COSTS

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PRODUCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
1 CERT SEED SUDANG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.120	0.000	12.100	2.	0.	
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
													RENT	RENT	CODE	CODE	CODE	CODE
6 NITROGEN	0.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.250	0.000	12.211	3.	0.	
7 SINGLE-SUPR PHOS	0.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.070	0.000	12.219	3.	0.	
8 FERTILIZER 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	3.000	0.000	34.356	3.	0.	
9 SUDANGRASS, SEED	0.00	0.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.250	0.000	12.131	3.	0.	
10 MISC WEED CON	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	34.353	3.	0.	
11 CUSTOM HERB-ATRA	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.000	0.000	34.250	3.	0.	
12 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.002	0.000	12.306	3.	9.	
13 SEED CLEANING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.018	0.000	12.396	3.	9.	
14 BAG STORAGE TEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.011	0.000	12.381	3.	9.	
16 INSPECTION FEE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.250	0.000	7.402	3.	9.	
17 MANAGEMENT	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	2.340	0.000	40.334	3.	9.	

MACHINERY REQUIREMENTS	IMPLEMENTS =	TIMES OVER,	TRUCKS = #	MILES/ACRE,	TRACTORS =	HRS/ACRE	M CREW	POWER	MACH	TYPE	HARV
	LABOR	UNIT	CODE				LABOR	UNIT	CODE		CODE
26 COMBINE-GRAIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	4.	9.	
27 SWATHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	4.	9.	
28 SCRAPER	0.00	0.00	0.00	1.00	0.00	0.00	0.00	8.87	4.	0.	
29 SPRINGTOOTH	0.00	0.00	0.00	1.00	0.00	0.00	0.00	8.77	4.	0.	
30 GRAIN DRILL	0.00	0.00	0.00	0.00	1.00	0.00	0.00	8.107	4.	0.	
31 DISK BORDER SGLE	0.00	0.00	0.00	1.00	0.00	0.00	0.00	8.135	4.	0.	
32 DISC OFFSET HDY	0.00	0.00	0.00	2.00	0.00	0.00	0.00	8.63	4.	0.	
50. NO. TIMES IRRIG	0.00	0.00	0.00	0.00	6.00	9.00	9.00	22.128	130.		

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST	CODE			
51 FARM SHOP	1.000	0.125	0.	2.	5.	0.

LAND REQUIREMENTS	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE COST/ACRE
71	2.	80.00	80.00	0.00	0.0

80 ACRES OF 640 ACRE FARM
 CERTIFIED SEED CROP, FLOOD IRRIGATION

MACHINERY COMPLEMENT 3
 EQUIPMENT COMPLEMENT 1

UPDATED 03/25/80

GENERAL NAME CHANGE	LINE CHANGE	VALUE	RW CL	LINE CHANGE	VALUE	RW CL	LINE CHANGE	VALUE	RW CL	LINE CHANGE	VALUE	RW CL
250	CUSTOM HERB-ATRA	0.000000	***13.	353	MISC WEED CON	0.000000		381	BAG STORAGE TEST	0.167000		
100	CERT SEED SUDANG	6.000000	11.	12.			18.					

1979 default data

UC Cooperative Extension