



CASH FLOW & INVESTMENT SUMMARY FOR RICE

BUDGET RECORD NUMBER 135

RICE PRODUCTION COSTS AND RETURNS S. SCARDACI, FARM ADVISOR  
 COLUSA-GLENN-YOLO COUNTIES -TYPICAL PRACTICES  
 1980

CATEGORY	UNIT	MONTHLY SUMMARY OF RECEIPTS AND EXPENSES												TOTAL		
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
TOTAL RECEIPTS	\$/AC												202.95	608.85		811.80
OPERATING EXPENSES																
FERTILIZER	\$/AC				12.00	12.00										24.00
LIQ FERT SPREADR	\$/AC				0.75	0.75										1.50
FERTILIZER	\$/AC				10.80	10.80										21.60
CUSTOM AIR FERT	\$/AC				1.48	1.48										2.96
IRRIG DIST WATER	\$/AC				2.11	4.23	4.23	2.60	3.41	2.11						18.70
CERTIFIED SEED	\$/AC				10.50	10.50										21.00
SEED TRAT & SOAK	\$/AC				1.27	1.27										2.55
TRANSPORT SEED	\$/AC				0.28	0.28										0.56
CUSTOM AIR SEED	\$/AC				2.80	2.80										5.60
INSECT.-CRUST.	\$/AC					2.43										2.43
AERIAL SPRAYING	\$/AC					1.09										1.09
BARNYDGR. HERB.	\$/AC					19.50										19.50
AERIAL SPRAYING	\$/AC					2.54										2.54
BROAD LEAF HERB	\$/AC					3.06	1.53									4.59
AERIAL SPRAYING	\$/AC					1.60	0.80									2.40
AMMONIUM SULPHAT	\$/AC						4.72	4.72								9.45
AERIAL SPRAYING	\$/AC						1.43	1.43								2.85
CUSTOM HAULING	\$/AC								3.83	11.50						15.33
CUSTOM DRYING	\$/AC								8.29	24.88						33.17
INSUR PREMIUMS	\$/AC									8.44						8.44
POST HARVEST	\$/AC										2.00					2.00
MACHINE LABOR COST	\$/AC	0.53	0.53	7.64	4.06	1.76	0.53	0.53	0.53	3.50	7.97	0.70	0.53			28.84
INTEREST ON OPER. CAP.	\$/AC	0.11	0.10	2.37	4.45	5.56	0.94	0.51	0.24	0.59	0.80		0.12			15.78
TRACTOR COST	\$/AC			14.49	5.05	0.90					0.74	0.09	0.09			21.37
EQUIPMENT COST	\$/AC	0.38	0.38	3.74	1.81	0.43	0.38	0.38	0.38	5.67	14.02	0.47	0.38			30.40
BLOG OPER. COST	\$/AC	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			0.58
IRRIG LABOR COST	\$/AC				0.91	1.82	1.82	0.91	1.82	0.91						8.19
TOTAL EXPENSES	\$/AC	1.07	1.06	28.29	60.43	87.64	17.62	11.86	7.39	26.29	69.74	3.31	1.08			307.50

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.07	0.07	0.93	0.50	0.22	0.07	0.07	0.07	0.43	0.98	0.09	0.07	3.53
IRRIGATION LABOR	HR/AC				0.14	0.28	0.28	0.14	0.28	0.14				1.28
IRRIG. WATER APPLIED	ACIN				10.15	20.35	20.35	12.50	16.40	10.15				89.90

MACHINERY FIXED AND VARIABLE COSTS PER ACRE														
MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	HRS USED	FIXED COST PER ACRE			VARIABLE COST PER ACRE				HRS PER ACRE	
						DEPR.	INTER.	TAX	FUEL	LUBE	REPAIRS	TOTAL		
TRACTOR 40 HP	2	40.0	14050.	10.	1000.	0.25	0.33	0.08	0.66	0.74	0.11	0.39	1.24	0.256
TRACTOR 4WD 210H	8	210.0	82700.	10.	1000.	3.76	4.84	1.20	9.79	7.28	1.09	4.87	13.24	0.645
CRAWLER 125HP	11	125.0	100000.	15.	900.	3.05	4.75	1.28	9.07	3.43	0.52	2.93	6.80	0.511
PICKUP 1/2T-USED	14	0.5	4200.	3.	1350.	0.13	0.07	0.02	0.21	1.05	0.16	0.13	1.33	0.218
PICKUP 3/4T 4WD	15	0.8	10700.	5.	1350.	0.47	0.32	0.08	0.87	2.09	0.31	0.78	3.19	0.436
COMBINE-RICE #1	29	18.0	95000.	10.	270.	9.70	10.39	2.76	22.86	1.51	0.23	6.79	8.53	0.349
COMBINE-RICE #2	30	18.0	95000.	10.	270.	9.70	10.39	2.76	22.86	1.51	0.23	6.79	8.53	0.349
BANK OUT WAG #1*	31	250.0	35000.	10.	75.	5.74	5.61	1.55	12.90	0.71	0.11	1.09	1.90	0.147
BANK OUT WAG #2*	34	250.0	35000.	10.	75.	5.74	5.61	1.55	12.90	0.69	0.10	1.09	1.88	0.147
CHISEL PLOW	43	16.0	5150.	10.	215.	0.80	0.80	0.22	1.81	0.00	0.03	1.40	1.43	0.404
DISC OFFSET HDY	63	21.0	13050.	10.	110.	2.91	2.91	0.79	6.61	0.00	0.05	2.33	2.38	0.298
DISK STUBBLE	67	14.0	15600.	10.	280.	0.31	0.31	0.08	0.70	0.00	0.01	0.62	0.63	0.067
SPIKE HARROW	74	20.0	1000.	10.	140.	0.12	0.12	0.03	0.27	0.00	0.00	0.09	0.10	0.199
3 WH PLANE 16X35	84	16.0	9100.	15.	280.	0.36	0.45	0.13	0.94	0.00	0.01	0.30	0.30	0.182
MOWER SICKLE	125	7.0	1800.	10.	270.	0.02	0.02	0.01	0.04	0.00	0.00	0.18	0.18	0.034
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	44.950
DOZER BLADE	146	8.0	4400.	10.	70.	0.52	0.52	0.14	1.18	0.00	0.00	0.00	0.00	0.100
FARM SHOP	1		20285.	35.		1.04	2.38	0.41	3.83	0.41		0.02	0.42	
FARM SHOP	2		5810.	35.		0.30	0.68	0.12	1.10	0.12		0.08	0.12	
TOOLS-SMALL EBP	4		8300.	10.		1.16	1.15	0.17	2.48	0.00		0.03	0.03	
MACHINERY & EQUIPMENT			1112.			46.08	51.64	13.37	111.09	19.54	2.95	29.85	52.34	
DEPRECIATION & COSTS PER ACRE														
TOTAL INVESTMENT			556145.											

500 ACRES RICE OF 600 ACRE FARM - SHARE RENT BASIS  
 YIELD: 6600 LBS./ACRE DRY (14% MOISTURE)  
 LATE AND EARLY MATURING VARIETIES GROWN, 12 STR. LEVEES/100 AC. UPDATED 08/20/81  
 DATE PRINTED: 08/20/81 UC Cooperative Extension

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 135  
 RICE PRODUCTION COSTS AND RETURNS S. SCARDACI, FARM ADVISOR  
 COLUSA-GLENN-YOLO COUNTIES -TYPICAL PRACTICES  
 1980

FUEL USED IN GALLONS PER HOUR

TRACTOR 40 HP	2.400
TRACTOR 4WD 210H	11.760
CRAWLER 125HP	7.000
PICKUP 1/2T-USED	4.000
PICKUP 3/4T 4WD	4.000
COMBINE-RICE #1	4.520
COMBINE-RICE #2	4.520
BANK OUT WAG #1*	4.000
BANK OUT WAG #2*	3.900

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 1/2T-USED	0.073	
PICKUP 3/4T 4WD	0.073	
COMBINE-RICE #1	3.092	
COMBINE-RICE #2	3.092	
BANK OUT WAG #1*	0.016	
BANK OUT WAG #2*	0.016	
CHISEL PLOW	2.616	TRACTOR 4WD 210H
DISC OFFSET HDY	1.146	CRAWLER 125HP
DISK STUBBLE	1.719	CRAWLER 125HP
3 WH PLANE 16X35	2.353	TRACTOR 4WD 210H
SPIKE HARROW	0.525	TRACTOR 40 HP
DOZER BLADE	3.850	CRAWLER 125HP
ROWER SICKLE	0.893	TRACTOR 40 HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
CHISEL PLOW	0.000	0.000	5.231	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.231	DIESEL
DISC OFFSET HDY	0.000	0.000	1.719	0.573	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.292	DIESEL
DISK STUBBLE	0.000	0.000	0.000	0.516	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.516	DIESEL
3 WH PLANE 16X35	0.000	0.000	1.176	1.176	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.353	DIESEL
SPIKE HARROW	0.000	0.000	0.000	0.262	0.262	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.525	GAS
DOZER BLADE	0.000	0.000	0.000	0.193	0.193	0.000	0.000	0.000	0.385	0.000	0.000	0.000	0.770	DIESEL
COMBINE-RICE #1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.402	1.175	0.000	0.000	1.577	DIESEL
COMBINE-RICE #2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.402	1.175	0.000	0.000	1.577	DIESEL
BANK OUT WAG #2*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.144	0.431	0.000	0.000	0.575	GAS
BANK OUT WAG #1*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.148	0.442	0.000	0.000	0.590	GAS
ROWER SICKLE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.045	0.045	0.000	0.089	GAS
PICKUP 3/4T 4WD	0.145	0.145	0.145	0.145	0.145	0.145	0.145	0.145	0.145	0.145	0.145	0.145	1.745	GAS
PICKUP 1/2T-USED	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.873	GAS
TOTALS	0.218	0.218	8.345	2.938	0.673	0.218	0.218	0.218	1.698	3.486	0.263	0.218	18.713	

GALLONS FUEL BY TYPE

4.40 GAS  
 0.00 LP  
 14.32 DIESEL  
 0.00 N. GAS  
 0.00 KWHR

FUEL TYPES

1=GAS  
 2=L.P.  
 3=DIESEL  
 4=N. GAS  
 5=ELEC.

500 ACRES RICE OF 600 ACRE FARM - SHARE RENT BASIS

YIELD: 6600 LBS./ACRE DRY (14% MOISTURE)

LATE AND EARLY MATURING VARIETIES GROWN, 12 STR. LEVEES/100 AC. UPDATED 08/20/81

DATE PRINTED: 08/20/81

**MACHINERY OPERATIONS SUMMARY**  
**RICE PRODUCTION COSTS AND RETURNS**  
**COLUSA-GLENN-YOLO COUNTIES -TYPICAL PRACTICES**  
**1980**

**BUDGET RECORD NUMBER 135**  
**S. SCARDACI, FARM ADVISOR**

OPERATION	ITER NO.	DATE	TIRES OVER	LABOR HOUR S	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP 3/4T 4WD	15	DEC	2.00	0.044	0.036	0.27	0.07
PICKUP 1/2T-USED	14	DEC	1.00	0.022	0.018	0.11	0.02
PICKUP 3/4T 4WD	15	JAN	2.00	0.044	0.036	0.27	0.07
PICKUP 1/2T-USED	14	JAN	1.00	0.022	0.018	0.11	0.02
PICKUP 3/4T 4WD	15	FEB	2.00	0.044	0.036	0.27	0.07
PICKUP 1/2T-USED	14	FEB	1.00	0.022	0.018	0.11	0.02
CHISEL PLOW	8,	43 MAR	2.00	0.489	0.404	10.56	8.57
DISC OFFSET HDY	11,	63 MAR	1.50	0.270	0.223	5.09	9.32
3 WH PLANE 16X35	8,	84 MAR	0.50	0.110	0.091	2.20	1.99
PICKUP 3/4T 4WD	15	MAR	2.00	0.044	0.036	0.27	0.07
PICKUP 1/2T-USED	14	MAR	1.00	0.022	0.018	0.11	0.02
DISC OFFSET HDY	11,	63 APR	0.50	0.090	0.074	1.70	3.11
DISK STUBBLE	11,	67 APR	0.30	0.081	0.067	1.63	2.01
3 WH PLANE 16X35	8,	84 APR	0.50	0.110	0.091	2.20	1.99
SPIKE HARROW	2,	74 APR	0.50	0.120	0.099	0.58	0.42
DOZER BLADE	11,146	APR	0.05	0.030	0.025	0.37	0.78
PICKUP 3/4T 4WD	15	APR	2.00	0.044	0.036	0.27	0.07
PICKUP 1/2T-USED	14	APR	1.00	0.022	0.018	0.11	0.02
SPIKE HARROW	2,	74 MAY	0.50	0.120	0.099	0.58	0.42
DOZER BLADE	11,146	MAY	0.05	0.030	0.025	0.37	0.78
PICKUP 3/4T 4WD	15	MAY	2.00	0.044	0.036	0.27	0.07
PICKUP 1/2T-USED	14	MAY	1.00	0.022	0.018	0.11	0.02
PICKUP 3/4T 4WD	15	JUNE	2.00	0.044	0.036	0.27	0.07
PICKUP 1/2T-USED	14	JUNE	1.00	0.022	0.018	0.11	0.02
PICKUP 3/4T 4WD	15	JULY	2.00	0.044	0.036	0.27	0.07
PICKUP 1/2T-USED	14	JULY	1.00	0.022	0.018	0.11	0.02
PICKUP 3/4T 4WD	15	AUG	2.00	0.044	0.036	0.27	0.07
PICKUP 1/2T-USED	14	AUG	1.00	0.022	0.018	0.11	0.02
DOZER BLADE	11,146	SEPT	0.10	0.061	0.050	0.74	1.56
COMBINE-RICE #1	29	SEPT	0.13	0.107	0.089	2.17	5.83
COMBINE-RICE #2	30	SEPT	0.13	0.107	0.089	2.17	5.83
BANK OUT WAG #2*	34	SEPT	9.21	0.044	0.037	0.47	3.22
BANK OUT WAG #1*	31	SEPT	9.22	0.045	0.037	0.48	3.23
PICKUP 3/4T 4WD	15	SEPT	2.00	0.044	0.036	0.27	0.07
PICKUP 1/2T-USED	14	SEPT	1.00	0.022	0.018	0.11	0.02
COMBINE-RICE #1	29	OCT	0.38	0.312	0.260	6.36	17.03
COMBINE-RICE #2	30	OCT	0.38	0.312	0.260	6.36	17.03
BANK OUT WAG #2*	34	OCT	27.65	0.133	0.111	1.41	9.68
BANK OUT WAG #1*	31	OCT	27.64	0.133	0.111	1.43	9.68
ROWER SICKLE	2,125	OCT	0.05	0.020	0.017	0.18	0.07
PICKUP 3/4T 4WD	15	OCT	2.00	0.044	0.036	0.27	0.07
PICKUP 1/2T-USED	14	OCT	1.00	0.022	0.018	0.11	0.02
ROWER SICKLE	2,125	NOV	0.05	0.020	0.017	0.18	0.07
PICKUP 3/4T 4WD	15	NOV	2.00	0.044	0.036	0.27	0.07
PICKUP 1/2T-USED	14	NOV	1.00	0.022	0.018	0.11	0.02

**TOTALS** 3.531 2.931 51.76 103.68

500 ACRES RICE OF 600 ACRE FARM - SHARE RENT BASIS  
 YIELD: 6600 LBS./ACRE DRY (14% MOISTURE)  
 LATE AND EARLY MATURING VARIETIES GROWN, 12 STR. LEVEES/100 AC. UPDATED 08/20/81  
 DATE PRINTED: 08/20/81

STORED DATA PAGE (NO CALCULATIONS) FOR RICE

BUDGET RECORD NUMBER 135

RICE PRODUCTION COSTS AND RETURNS S. SCARDACI, FARM ADVISOR  
 COLUSA-GLENN-YOLO COUNTIES -TYPICAL PRACTICES  
 1980

COSTS AND RETURNS WILL BE  
 DIVIDED BY 66.0 CWT.  
 TO OBTAIN PER CWT. 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 RICE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.50	49.50	0.00	0.00	12.300	0.330	16.	24.	2.	0.
OPERATING INPUTS	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
5 FERTILIZER	0.00	0.00	0.00	60.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.200	0.330	12.	201.	3.	0.
6 LIQ FERT SPREADR	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.500	0.000	7.	362.	3.	0.
7 FERTILIZER	0.00	0.00	0.00	75.00	75.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.144	0.330	12.	201.	3.	0.
8 CUSTOM AIR FERT	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.960	0.000	7.	374.	3.	0.
10 IRRIG DIST WATER	0.00	0.00	0.00	10.15	20.35	20.35	12.50	16.40	10.15	0.00	0.00	0.00	0.208	0.500	11.	323.	3.	0.
11 CERTIFIED SEED	0.00	0.00	0.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.000	0.000	16.	100.	3.	0.
12 SEED TRMT & SOAK	0.00	0.00	0.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.700	0.000	16.	262.	3.	0.
13 TRANSPORT SEED	0.00	0.00	0.00	0.98	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.288	0.000	16.	394.	3.	0.
14 CUSTOM AIR SEED	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.600	0.000	7.	371.	3.	0.
15 INSECT.-CRUST.	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.240	0.330	7.	244.	3.	0.
16 AERIAL SPRAYING	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.450	0.000	7.	370.	3.	0.
17 BARNYDGR. HERB.	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.580	0.330	7.	250.	3.	0.
18 AERIAL SPRAYING	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.540	0.000	7.	370.	3.	0.
19 BROAD LEAF HERB	0.00	0.00	0.00	0.00	0.50	0.25	0.00	0.00	0.00	0.00	0.00	0.00	6.120	0.330	7.	252.	3.	0.
20 AERIAL SPRAYING	0.00	0.00	0.00	0.00	0.50	0.25	0.00	0.00	0.00	0.00	0.00	0.00	3.200	0.000	7.	370.	3.	0.
21 AMMONIUM SULPHAT	0.00	0.00	0.00	0.00	0.00	0.38	0.38	0.00	0.00	0.00	0.00	0.00	12.600	0.330	7.	218.	3.	0.
22 AERIAL SPRAYING	0.00	0.00	0.00	0.00	0.00	0.38	0.38	0.00	0.00	0.00	0.00	0.00	3.800	0.000	7.	370.	3.	0.
23 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.43	55.29	0.00	0.00	0.208	0.000	16.	306.	3.	9.
24 CUSTOM DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.43	55.29	0.00	0.00	0.450	0.000	16.	312.	3.	9.
25 INSUR PREMIUMS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	8.440	0.000	7.	450.	3.	0.
26 POST HARVEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	2.000	0.000	7.	101.	3.	9.
MACHINERY REQUIREMENTS	IMPLEMENTS = TIRES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW	POWER	MACH	TYPE	HARV	
													LABOR	UNIT	CODE		CODE	
10 CHISEL PLOW	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	43.	4.	0.
1 DISC OFFSET HDTY	0.00	0.00	1.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	11.	63.	4.	0.
32 DISK STUBBLE	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	11.	67.	4.	0.
33 3 WH PLANE 16X35	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	84.	4.	0.
34 SPIKE HARROW	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	2.	74.	4.	0.
35 DOZER BLADE	0.00	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.000	0.000	11.	146.	4.	0.
36 COMBINE-RICE #1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.38	0.00	0.00	0.000	0.000	0.	29.	4.	9.
37 COMBINE-RICE #2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.38	0.00	0.00	0.000	0.000	0.	30.	4.	9.
38 BANK OUT WAG #2*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.21	27.65	0.00	0.00	0.000	0.000	0.	34.	4.	9.
39 BANK OUT WAG #1*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.22	27.64	0.00	0.00	0.000	0.000	0.	31.	4.	9.
40 MOWER SICKLE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.00	0.000	0.000	2.	125.	4.	9.
42 PICKUP 3/4T 4WD	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	0.000	0.000	0.	15.	4.	0.
43 PICKUP 1/2T-USED	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.000	0.000	0.	14.	4.	0.
													SHARE	SHARE	POWER	SYSA		
													FIXED %	VAR %	UNIT	CODE	LIFT	
													1.00	1.00	0.	128.	0.	

Rice Production Costs by Steve Scardaci  
Colusa, Glenn and Yolo Counties 1980

Additional Notes and Assumptions:

The purpose of this sample cost of production study is to provide persons interested in rice production with generalized information on the cost of producing rice. Persons using this study should only use it as a guide. Materials as well as amounts of materials presented here are not provided as recommendations, rather they are considered typical for the area.

Much of the data used to derive this budget are based upon information obtained from meetings with a committee of rice farmers, and from farm suppliers, aerial applicators, water districts, etc.

1. The sample farm under consideration is a single enterprise with 500 acres of rice and 100 acres of wheat. Two varieties, one early and one late maturing, are grown to spread land preparation and harvest dates. Land is level with straight levees (12/100 acres). Irrigation system is already established and shop and equipment are in close proximity to fields.
2. Wet yield (at 23% moisture) is 73.72 cwt/acre; Dry yield (at 14% moisture) is 66.0 cwt/acre.
3. For insecticide application, broadleaf weed control and topdress fertilizer only 75% of the total 500 acres is assumed treated.
4. Insecticide for Crustacean control - Methyl Parathion  
Materials: 1.2 pints/acre (.75 lbs active ingred.) @ \$2.70/pint = \$3.24/acre applied  
Application: aerial \$1.45/acre applied  
Assuming 75% of acreage treated: materials \$2.43/acre & application \$1.09/acre
5. Barnyardgrass control - Molinate  
Materials: 4.5 lbs active ingred./acre @ \$4.35/lb = \$19.58/acre applied  
Application: aerial \$2.54/acre applied  
Assuming 100% of acreage treated.
6. Broadleaf Weed control - MCPA  
Materials: 18 oz/acre active ingred. @ \$ .34/oz = \$6.12/acre applied  
Application: aerial \$3.20/acre applied  
Assuming 75% of acreage treated: materials \$4.59/acre & application \$2.40/acre
7. Topdress fertilizer - ammonium sulfate  
Materials: 200 lbs material (21% N) @ \$.063/lb = \$12.60/acre applied  
Application: aerial \$3.80/acre  
Assuming 75% of acreage treated: materials \$9.45/acre & application \$2.85/acre
8. Irrigation labor per acre is calculated as follows:  
For a 500-acre rice farm, assume 6 hour/day during the period April 15-  
July 30 (or fewer hours/day later in the summer, but for a period longer than  
3½ months). This totals to 630 hours per 500 acres, or 1.26 hours/acre.
9. Machinery:  
Stubble disk is included to represent the need to occasionally stubble disk a field and also to include this piece of machinery in inventory.  
Spike harrow is used to work starter fertilizer (150 lbs) into the soil.  
Dozer blade is attached to the crawler and is used to close the permanent levees in spring and to open them (allowing for passage between checks of harvest equipment) in autumn before harvest.  
Two rice combines are believed necessary for a 500-acre farm. Two bankout wagons are probably more that are needed (they do not constitute an "economic unit" for a 500-acre farm), but one is not sufficient.

## Budget Record #135

Pickup 3/4T 4WD costs are based on 12000 miles per year for 500 acres of rice.

This gives 24 miles/acre for 12 months, or 2 miles/acre/month.

Pickup 1/2T used costs are based on 6000 miles per year for 500 acres of rice.

This gives 12 miles/acre for 12 months, or 1 mile/acre/month.

10. Building and equipment costs are based on 83% of the costs allocated to the rice.
11. Insurance premiums include insurance coverage (comp.) on equipment, machinery, tools; building fire insurance; licensed motor vehicle insurance; and general farm liability insurance.
12. Post harvest operations include cleaning around the boxes, safety, and open-field burning. The \$2.00/acre figure includes fuel, equipment, and labor costs. Mowing levees is included as a separate machine operation and is not included as part of the \$2.00/acre cost.
13. Land owner pays 1/3 fertilizer, 1/3 pesticide, 1/3 herbicide and 1/2 water costs. These costs have been subtracted from the share rent (33%) to be paid by the grower and the difference is shown in the budget under share rent. Land owner pays all of the fixed and variable costs on the irrigation system.