

TITLE: COTTON PRODUCTION COSTS AND RETURNS  
 KERN COUNTY - 1977 COSTS 1976 YIELD AND PRICE  
 LANDOWNER BASIS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
COTTON	LBS.	0.650	1100.000	715.00	
COTTON, SEED	TON	109.000	1.050	114.45	
<b>TOTAL RECEIPTS:</b>				<b>\$ 829.45</b>	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
NITROGEN	LBS.	0.250	100.000	25.00	
COTTON, SEED	LBS.	0.350	15.000	5.25	
FERTILIZER APP	ACRE	3.000	1.000	3.00	
PRE-MERGE HERB	ACRE	10.000	1.000	10.00	
HAND HOEING	HOUR	3.900	5.000	19.50	
INSECTICIDE	ACRE	6.000	2.000	12.00	
ORGANIZATIONS	BALE	1.300	2.200	2.86	
IMPROVEMT ASSN	BALE	0.650	2.200	1.43	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			19.66	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			10.91	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.98	
IRRIGATION POWER COST	ACRE			81.43	
IRRIGATION (LUBE-REPAIRS)	ACRE			5.02	
IRRIGATION WATER APPLIED	ACIN	2.058	42.000		
MACHINERY LABOR	HOUR	5.100	3.798	19.37	
MACHINE CREW LABOR	HOUR	3.500	1.396	4.89	
IRRIGATION LABOR	HOUR	4.250	19.500	82.88	
INTEREST ON OPERATING CAP.	DOL.	0.086	102.197	8.72	
<b>TOTAL PREHARVEST COSTS:</b>				<b>\$ 312.89</b>	
<b>PREHARVEST COST PER LBS.</b>				<b>\$ 0.28</b>	
<b>HARVEST:</b>					
DEFOLIANT	GAL.	0.850	10.000	8.50	
STORAGE	CWT.	0.250	11.000	2.75	
BAGS, TAGS, ETC	BALE	0.300	2.200	0.66	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			26.47	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			9.24	
MACHINERY LABOR	HOUR	5.100	8.495	43.33	
INTEREST ON OPERATING CAP.	DOL.	0.086	57.357	4.95	
<b>TOTAL HARVEST COSTS:</b>				<b>\$ 95.90</b>	
<b>HARVEST COST PER LBS.</b>				<b>\$ 0.09</b>	
<b>TOTAL VARIABLE COSTS:</b>				<b>\$ 408.79</b>	
<b>VARIABLE COST PER LBS.</b>				<b>\$ 0.37</b>	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
<b>INCOME PER LBS.</b>				<b>\$ 420.66</b>	
				<b>\$ 0.38</b>	
<b>4. CASH OVERHEAD:</b>					
REAL PROPERTY TAXES:				18.00	
MISC. OFFICE & BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)				10.22	
<b>TOTAL CASH OVERHEAD:</b>				<b>\$ 28.22</b>	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>					
<b>INCOME PER LBS.</b>				<b>\$ 392.44</b>	
				<b>\$ 0.36</b>	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			23.09	
IRRIGATION SYSTEM	ACRE			17.01	
BUILDINGS	ACRE			5.00	
<b>TOTAL DEPRECIATION:</b>				<b>\$ 45.10</b>	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY & EQUIPMENT		0.086	128.682	11.11	
IRRIGATION SYSTEM		0.086	188.343	16.25	
BUILDINGS		0.086	98.300	8.48	
LAND		0.083	1500.000	123.75	
<b>TOTAL INTEREST CHARGE:</b>				<b>\$ 159.59</b>	
<b>TOTAL FIXED COSTS:</b>				<b>\$ 204.70</b>	
<b>FIXED COST PER LBS.</b>				<b>0.19</b>	
<b>7. TOTAL OF ABOVE COSTS:</b>					
<b>TOTAL COST PER LBS.</b>				<b>\$ 641.71</b>	
				<b>0.58</b>	
<b>8. NET RETURNS:</b>					
<b>NET RETURNS PER LBS.</b>				<b>\$ 187.74</b>	
				<b>0.17</b>	

Historical File - 1977 budget

BASED ON 200 ACRES OF COTTON ON A 500 ACRE FARM  
 THE STUDY REPRESENTS TYPICAL COTTON PRODUCTION PRACTICES  
 YIELD 1100 LBS. LINT + 2100 LBS SEED PER ACRE

UPDATED 03/08/79

BUDGET IDENTIFICATION NUMBER 2171500720 562 1  
 DATE PRINTED: 03/20/79

BUDGET RECORD NUMBER 168  
 HARVEST MONTH: 6

BUDGET IDENTIFICATION NUMBER 2171500720 562 1  
 HARVEST OR SALE MONTH 6

BUDGET RECORD NUMBER 168

COTTON PRODUCTION COSTS AND RETURNS  
 KERN COUNTY - 1977 COSTS 1976 YIELD AND PRICE  
 LANDOWNER BASIS

COSTS AND RETURNS WILL BE  
 DIVIDED BY 1100.0 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	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX	
PRODUCTION					NUMBER OF UNITS														
1 COTTON	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.55	0.00	0.650	0.000	12.	17.	2.	0.	
2 COTTON, SEED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.53	0.00	109.000	0.000	3.	117.	2.	0.	
OPERATING INPUTS					RATE/UNIT								PRICE	SHARE	UNIT	ITEM	TYPE	HARV	
6 NITROGEN	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.250	0.000	12.	211.	3.	0.	
7 COTTON, SEED	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.350	0.000	12.	117.	3.	0.	
8 FERTILIZER APP	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	3.000	0.000	7.	356.	3.	0.	
9 PRE-MERGE HERB	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.	254.	3.	0.	
10 HAND HOEING	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	3.900	0.000	8.	335.	3.	0.	
11 INSECTICIDE	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	6.000	0.000	7.	240.	3.	0.	
13 DEFOLIANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.850	0.000	5.	257.	3.	9.	
15 ORGANIZATIONS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.10	0.00	1.300	0.000	6.	409.	3.	0.	
16 IMPROVMENT ASSN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.10	0.00	0.650	0.000	6.	410.	3.	0.	
18 STORAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.50	5.50	0.00	0.250	0.000	16.	430.	3.	9.	
19 BAGS,TAGS, ETC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.10	0.00	0.300	0.000	6.	381.	3.	9.	
MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												M CREW	POWER	MACH	TYPE	HARV		
													LABOR	UNIT	CODE			CODE	
30 MB PLOW 5-16	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	97.	4.	0.	
31 DISC OFFSET HDTY	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	63.	4.	0.	
32 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	0.000	0.000	6.	89.	4.	0.	
33 LISTER 8 ROW	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	6.	83.	4.	0.	
34 PLANT-INC 4ROW	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	2.000	6.	111.	4.	0.	
35 FURROWER 8SHOVEL	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	92.	4.	0.	
36 DISC TANDEM	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	66.	4.	0.	
37 CULTIVATOR 8 ROW	0.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	6.	54.	4.	0.	
38 SP SPRAYER	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.	37.	4.	0.	
39 PTO SPRAYER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.000	0.000	3.	93.	4.	9.	
40 COTTON PICKER 2R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.00	0.000	0.000	0.	32.	4.	9.	
41 COTTON TRLR 6BL*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*****	0.00	0.00	0.000	0.000	3.	145.	4.	9.	
42 COTTON TRLR 6BL*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*****	0.00	0.00	0.000	0.000	3.	145.	4.	9.	
43 COTTON TRLR 6BL*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*****	0.00	0.00	0.000	0.000	3.	145.	4.	9.	
44 PICKUP 3/4 TON	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	0.00	0.000	0.000	0.	15.	4.	0.	
45 TRUCK 2 TON	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.	13.	4.	0.	
48 DITCHER	0.00	0.00	0.30	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	11.	138.	4.	0.	
49 ACIN IRRIG WATER	0.00	0.00	4.00	6.00	6.00	6.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	23.	132.	250.		
50 NO. TIMES IRRIG	0.00	0.00	1.00	2.00	2.00	2.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00					

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
51 FARM SHOP	1.000	0.500	0.	2.	5.	0.
52 SHOP TOOLS&EQUIP	1.000	0.500	0.	4.	5.	0.
53 STORAGE SHED	1.000	0.500	0.	8.	5.	0.
54 FUELTANK 550 GAL	1.000	0.500	0.	18.	5.	0.

LAND REQUIREMENTS	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE COST/ACRE
71	1.	200.00	1500.00	18.00	0.0

BASED ON 200 ACRES OF COTTON ON A 500 ACRE FARM  
 THE STUDY REPRESENTS TYPICAL COTTON PRODUCTION PRACTICES  
 YIELD 1100 LBS. LINT + 2100 LBS SEED PER ACRE

MACHINERY COMPLEMENT 5  
 EQUIPMENT COMPLEMENT 1

UPDATED 03/08/79

\*\*\*NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET\*\*\*

\*\*\*NO COMPLEMENT CHANGES HAVE BEEN STORED WITH THIS BUDGET\*\*\*

BUDGET IDENTIFICATION NUMBER 2171500720 562 1  
 HARVEST OR SALE MONTH 6

BUDGET RECORD NUMBER 168

COTTON PRODUCTION COSTS AND RETURNS  
 KERN COUNTY - 1977 COSTS 1976 YIELD AND PRICE  
 LANDOWNER BASIS

COSTS AND RETURNS WILL BE  
 DIVIDED BY 1100.0 LBS.  
 TO OBTAIN PER LBS. COSTS

LINE	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
PRODUCTION																		
NUMBER OF UNITS																		
1 COTTON	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.650	0.000	12.	17.	2.	0.
2 COTTON, SEED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.53	0.00	109.000	0.000	3.	117.	2.	0.
OPERATING INPUTS																		
RATE/UNIT																		
PRICE																		
SHARE RENT																		
UNIT CODE																		
ITEM CODE																		
TYPE																		
HARV CODE																		
6 NITROGEN	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.250	0.000	12.	211.	3.	0.
7 COTTON, SEED	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.350	0.000	12.	117.	3.	0.
8 FERTILIZER APP	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	3.000	0.000	7.	356.	3.	0.
9 PRE-MERGE HERB	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.	254.	3.	0.
10 HAND HOEING	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	3.900	0.000	8.	335.	3.	0.
11 INSECTICIDE	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	6.000	0.000	7.	240.	3.	0.
13 DEFOLIANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.850	0.000	5.	257.	3.	9.
15 ORGANIZATIONS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.10	0.00	1.300	0.000	6.	409.	3.	0.
16 IMPROVEMENT ASSN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.10	0.00	0.650	0.000	6.	410.	3.	0.
18 STORAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.50	5.50	0.00	0.250	0.000	16.	430.	3.	9.
19 BAGS, TAGS, ETC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.10	0.00	0.300	0.000	6.	381.	3.	9.
MACHINERY REQUIREMENTS																		
IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE																		
M CREW POWER MACH TYPE HARV																		
LABOR UNIT CODE																		
30 MB PLOW 5-16	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	97.	4.	0.
31 DISC OFFSET HDTY	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	63.	4.	0.
32 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	0.000	0.000	6.	89.	4.	0.
33 LISTER 8 ROW	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	6.	83.	4.	0.
34 PLANT-INC 4ROW	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	2.000	6.	111.	4.	0.
35 FURROWER 8SHOVEL	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	92.	4.	0.
36 DISC TANDEM	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	66.	4.	0.
37 CULTIVATOR 8 ROW	0.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	6.	54.	4.	0.
38 SP SPRAYER	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.	37.	4.	0.
39 PTO SPRAYER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.000	0.000	3.	93.	4.	9.
40 COTTON PICKER 2R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.00	0.000	0.000	0.	32.	4.	9.
41 COTTON TRLR 6BL*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*****	0.00	0.00	0.000	0.000	3.	145.	4.	9.
42 COTTON TRLR 6BL*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*****	0.00	0.000	0.000	0.000	3.	145.	4.	9.
43 COTTON TRLR 6BL*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	*****	0.00	0.000	0.000	0.000	3.	145.	4.	9.
44 PICKUP 3/4 TON	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	0.00	0.000	0.000	0.	15.	4.	0.
45 TRUCK 2 TON	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.	13.	4.	0.
48 DITCHER	0.00	0.00	0.30	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	11.	138.	4.	0.
SHARE SHARE POWER SYS																		
FIXED % VAR % UNIT CODE LIFT																		
49 ACIN IRRIG WATER	0.00	0.00	4.00	6.00	6.00	6.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	23.	132.	250.	
50 NO. TIMES IRRIG	0.00	0.00	1.00	2.00	2.00	2.00	3.00	3.00	0.00	0.00	0.00	0.00						

EQUIPMENT REQUIREMENTS	NUMBER UNITS	PROPORT OF COST	XXX EQUIP CODE	EQUIP CODE	TYPE	XXXX
51 FARM SHOP	1.000	0.500	0.	2.	5.	0.
52 SHOP TOOLS&EQUIP	1.000	0.500	0.	4.	5.	0.
53 STORAGE SHED	1.000	0.500	0.	8.	5.	0.
54 FUELTANK 550 GAL	1.000	0.500	0.	18.	5.	0.

LAND REQUIREMENTS	CHARGE METHOD	NUMBER OF ACRES	VALUE OR COST/ACRE	TAXES PER ACRE	PERENNIAL CROPS YRS LIFE	COST/ACRE
71	1.	200.00	1500.00	18.00	0.0	0.00

BASED ON 200 ACRES OF COTTON ON A 500 ACRE FARM  
 THE STUDY REPRESENTS TYPICAL COTTON PRODUCTION PRACTICES  
 YIELD 1100 LBS. LINT + 2100 LBS SEED PER ACRE

MACHINERY COMPLEMENT 5  
 EQUIPMENT COMPLEMENT 1

UPDATED 03/08/79

\*\*\*NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET\*\*\*

\*\*\*NO COMPLEMENT CHANGES HAVE BEEN STORED WITH THIS BUDGET\*\*\*

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	0.00	414.73	414.73	0.00	829.45
OPERATING EXPENSES															
NITROGEN	\$/AC	0.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00
COTTON, SEED	\$/AC	0.00	0.00	0.00	5.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.25
FERTILIZER APP	\$/AC	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
PRE-MERGE HERB	\$/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	0.00	10.00
HAND HOEING	\$/AC	0.00	0.00	0.00	0.00	0.00	19.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.50
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00
DEFOLIANT	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.50	0.00	0.00	0.00	8.50
ORGANIZATIONS	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.43	1.43	0.00	0.00	2.86
IMPROVEM ASSN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.72	0.00	0.00	1.43
STORAGE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.38	1.38	0.00	0.00	2.75
BAGS, TAGS, ETC	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.33	0.00	0.00	0.66
MACHINE LABOR COST	\$/AC	0.00	3.00	0.81	11.01	3.55	3.59	1.61	0.11	0.11	23.00	20.78	0.00	0.00	67.58
INTEREST ON OPER. CAP.	\$/AC	0.00	0.31	0.35	0.88	0.24	0.00	3.81	2.85	0.01	3.12	2.10	0.00	0.00	13.67
TRACTOR COST	\$/AC	0.00	6.22	0.86	6.49	3.71	2.38	0.00	0.00	0.00	13.98	12.49	0.00	0.00	46.13
EQUIPMENT COST	\$/AC	0.00	1.68	0.13	5.13	1.05	1.58	0.91	0.07	0.07	4.83	4.70	0.00	0.00	20.15
BLDG OPER. COST	\$/AC	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.98
IRRIGATION COST	\$/AC	0.00	0.00	8.23	12.35	12.35	12.35	20.58	20.58	0.00	0.00	0.00	0.00	0.00	86.45
IRRIG LABOR COST	\$/AC	0.00	0.00	6.38	12.75	12.75	12.75	19.13	19.13	0.00	0.00	0.00	0.00	0.00	82.88
TOTAL EXPENSES	\$/AC	0.00	11.31	16.86	63.95	33.75	86.26	52.14	42.84	0.29	57.37	44.01	0.00	0.00	408.79

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.00	0.59	0.16	1.20	0.70	0.70	0.32	0.02	0.02	4.51	4.07	0.00	12.29
MACH. CREW LABOR	HR/AC	0.00	0.00	0.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40
IRRIGATION LABOR	HR/AC	0.00	0.00	1.50	3.00	3.00	3.00	4.50	4.50	0.00	0.00	0.00	0.00	19.50
WATER APPLIED	ACIN	0.00	0.00	4.00	6.00	6.00	6.00	10.00	10.00	0.00	0.00	0.00	0.00	42.00

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
TRACTOR 75 HP	3	75.0	14500.	5.	2800.	4.00	2.26	0.41	6.67	11.59	1.74	13.15	26.47	6.996
TRACTOR 90 HP	4	90.0	23000.	5.	2800.	0.47	0.27	0.05	0.79	1.03	0.15	1.55	2.73	0.519
TRACTOR 120 HP	6	120.0	30000.	5.	2800.	1.86	1.05	0.19	3.09	3.81	0.57	6.10	10.48	1.569
TRACT 4WD 225HP	8	175.0	50000.	5.	2800.	1.02	0.58	0.10	1.70	2.99	0.45	2.79	6.22	0.516
CRAWLER 120 HP	11	120.0	71000.	7.	2500.	0.07	0.04	0.01	0.12	0.08	0.01	0.12	0.22	0.026
TRUCK 2 TON	13	2.0	15000.	2.	2500.	0.07	0.02	0.00	0.09	0.16	0.02	0.12	0.30	0.044
PICKUP 3/4 TON	15	0.8	8500.	2.	2400.	0.20	0.05	0.01	0.26	0.51	0.08	0.27	0.85	0.218
IRR PUMP 125 HP*	23	3.0	15788.	25.	2133.	5.69	7.27	1.75	14.71	81.43	1.22	1.74	84.40	21.000
COTTON PICKER 2R	32	6.6	44000.	4.	500.	9.64	3.40	0.66	13.70	1.53	0.23	6.66	8.43	0.667
SP SPRAYER	37	16.0	4400.	8.	250.	0.85	0.45	0.10	1.40	0.85	0.13	0.69	1.68	0.491
CULTIVATOR 8 ROW	54	20.0	4400.	10.	250.	0.90	0.55	0.12	1.57	0.00	0.03	1.30	1.33	0.618
DISC OFFSET HDY	63	24.0	10600.	8.	310.	0.43	0.24	0.05	0.72	0.00	0.02	0.79	0.81	0.130
DISC TANDEM	66	14.0	3800.	4.	645.	0.21	0.08	0.01	0.30	0.00	0.01	0.49	0.50	0.223
LISTER 8 ROW	83	20.0	3000.	5.	530.	0.10	0.04	0.01	0.15	0.00	0.00	0.23	0.23	0.130
FLOAT	89	20.0	1800.	4.	755.	0.04	0.01	0.00	0.06	0.00	0.00	0.05	0.05	0.102
FURROWER 8SHOVEL	92	13.0	2000.	8.	350.	0.14	0.08	0.02	0.23	0.00	0.01	0.31	0.31	0.249
PTO SPRAYER	93	35.0	1700.	5.	500.	0.07	0.03	0.01	0.11	0.00	0.00	0.11	0.11	0.160
MB PLOW 5-16	97	8.0	4000.	9.	280.	0.43	0.25	0.05	0.74	0.00	0.02	0.78	0.80	0.339
PLANT-INC 4ROW	111	10.0	7175.	5.	500.	1.12	0.47	0.09	1.68	0.00	0.08	3.95	4.02	0.577
FURROW IRRIG SYS*	132	2.0	38250.	10.	5000.	11.32	8.98	1.81	22.11	0.00	0.04	2.01	2.05	21.000
DITCHER	138	25.0	2400.	18.	140.	0.02	0.02	0.00	0.04	0.00	0.00	0.02	0.02	0.024
COTTON TRLR 6BL*	145	*****	710.	15.	175.	0.49	0.41	0.09	0.99	0.00	0.00	0.23	0.23	2.067
FARM SHOP	2		18000.	35.		2.31	4.27	1.01	7.60	0.90		0.04	0.94	
SHOP TOOLS&EQUIP	4		5250.	15.		1.23	1.47	0.30	2.99	0.00		0.04	0.04	
GE SHED	8		11250.	35.		1.45	2.67	0.63	4.75	0.00		0.01	0.01	
PANK 550 GAL	18		200.	30.		0.01	0.07	0.01	0.09	0.00		0.00	0.00	

TOTAL INVESTMENT OR COST 390723.  
 MACHINERY & EQUIPMENT 1954.  
 INVESTMENT PER ACRE 44.12 35.03 7.50 86.65 104.89 4.81 43.54 153.24

BASED ON 200 ACRES OF COTTON ON A 500 ACRE FARM  
 THE STUDY REPRESENTS TYPICAL COTTON PRODUCTION PRACTICES  
 YIELD 1100 LBS. LINT + 2100 LBS SEED PER ACRE

UPDATED 03/08/79