

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
BLACK-EYED BEANS	CWT.	25.000	20.000	500.00	
<b>TOTAL RECEIPTS:</b>				\$ 500.00	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
BLACK-EYE SEED	LBS.	0.400	35.000	14.00	
IRRIG DIST WATER	ACIN	0.580	30.000	17.40	
PESTICIDE APP	APLC	10.000	2.000	20.00	
MISCL EXPENSE	ACRE	2.000	1.000	2.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			6.80	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			2.66	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			2.35	
IRRIGATION (LUBE-REPAIRS)	ACRE			1.47	
IRRIGATION WATER APPLIED	ACIN	0.049	30.000		
MACHINERY LABOR	HOUR	4.800	2.740	13.15	
IRRIGATION LABOR	HOUR	3.900	7.500	29.25	
INTEREST ON OPERATING CAP.	DOL.	0.119	28.424	3.26	
<b>TOTAL PREHARVEST COSTS:</b>				\$ 112.33	
<b>PREHARVEST COST PER CWT.</b>				\$ 5.62	
<b>HARVEST:</b>					
CUSTOM WINROW	ACRE	12.000	1.000	12.00	
CUSTOM HARVEST	ACRE	10.000	1.000	10.00	
CUSTOM HARVEST	CWT.	1.000	22.000	22.00	
CUSTOM HAULING	CWT.	0.380	22.000	8.36	
WARE HOUSING	CWT.	2.600	22.000	57.20	
<b>TOTAL HARVEST COSTS:</b>				\$ 109.56	
<b>HARVEST COST PER CWT.</b>				\$ 5.48	
<b>TOTAL VARIABLE COSTS:</b>				\$ 221.89	
<b>VARIABLE COST PER CWT.</b>				\$ 11.09	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
<b>INCOME PER CWT.</b>				\$ 278.11	
				\$ 13.91	
<b>4. CASH OVERHEAD:</b>					
<b>REAL PROPERTY TAXES:</b>				\$ 5.50	
<b>MISC. OFFICE &amp; BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)</b>				\$ 5.55	
<b>TOTAL CASH OVERHEAD:</b>				\$ 11.05	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>					
<b>INCOME PER CWT.</b>				\$ 267.06	
				\$ 13.35	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			10.38	
IRRIGATION SYSTEM	ACRE			8.09	
BUILDINGS	ACRE			5.79	
<b>TOTAL DEPRECIATION:</b>				\$ 24.25	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY & EQUIPMENT		0.119	109.028	12.97	
IRRIGATION SYSTEM		0.119	74.323	8.84	
BUILDINGS		0.119	123.750	14.73	
LAND		0.100	1500.000	150.00	
<b>TOTAL INTEREST CHARGE:</b>				\$ 186.55	
<b>TOTAL FIXED COSTS:</b>				\$ 210.79	
<b>FIXED COST PER CWT.</b>				10.54	
<b>7. TOTAL OF ABOVE COSTS:</b>					
<b>TOTAL COST PER CWT.</b>				\$ 443.73	
				22.19	
<b>8. NET RETURNS:</b>					
<b>NET RETURNS PER CWT.</b>				\$ 56.27	
				2.81	

Historical File - 1979 Budget

40 ACRES OF DOUBLE CROPPED BLACK EYE BEANS  
 FURROW IRRIGATED

1979 Default data

UPDATED 06/13/79

UC Cooperative Extension

BUDGET IDENTIFICATION NUMBER 2142400000 162 1

BUDGET RECORD NUMBER 185

DATE PRINTED: 06/15/79

HARVEST MONTH: 9

COSTS AND RETURNS FOR BLACK EYE BEANS  
MERCED AND MADERA COUNTIES - 1979BY FARM ADVISORS: BILL WEIR  
RON VARGAS  
ED YEARY

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	500.00	0.00	0.00	0.00	500.00
OPERATING EXPENSES															
BLACK-EYE SEED	\$/AC	0.00	0.00	0.00	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00
IRRIG DIST WATER	\$/AC	0.00	0.00	0.00	3.48	3.48	3.48	3.48	3.48	3.48	0.00	0.00	0.00	0.00	17.40
PESTICIDE APP	\$/AC	0.00	0.00	0.00	0.00	0.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00
MISCL EXPENSE	\$/AC	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
CUSTOM WINROW	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00	0.00	0.00	12.00
CUSTOM HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	10.00
CUSTOM HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.00	0.00	0.00	0.00	0.00	22.00
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.36	0.00	0.00	0.00	0.00	8.36
WARE HOUSING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.20	0.00	0.00	0.00	0.00	57.20
MACHINE LABOR COST	\$/AC	0.00	0.00	1.50	5.95	1.79	1.79	1.79	0.00	0.10	0.10	0.10	0.00	0.00	13.15
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	0.15	0.83	1.03	0.65	0.44	0.10	0.01	0.02	0.02	0.00	0.00	3.26
TRACTOR COST	\$/AC	0.00	0.00	0.59	4.09	0.71	0.71	0.71	0.00	0.00	0.00	0.00	0.00	0.00	6.80
EQUIPMENT COST	\$/AC	0.00	0.00	0.14	1.45	0.28	0.28	0.28	0.00	0.08	0.08	0.08	0.00	0.00	2.66
BLDG OPER. COST	\$/AC	0.00	0.00	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.00	0.00	2.35
IRRIGATION COST	\$/AC	0.00	0.00	0.00	0.00	0.29	0.29	0.29	0.29	0.29	0.00	0.00	0.00	0.00	1.47
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	0.00	5.85	5.85	5.85	5.85	5.85	0.00	0.00	0.00	0.00	29.25
TOTAL EXPENSES	\$/AC	0.00	0.00	2.65	18.06	27.69	23.32	23.10	9.98	116.15	0.47	0.46	0.00	0.00	221.89

MONTHLY IRRIGATION AND LABOR REQUIREMENTS															
MACHINE LABOR	HR/AC	0.00	0.00	0.31	1.24	0.37	0.37	0.37	0.00	0.02	0.02	0.02	0.00	0.00	2.74
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.00	1.50	1.50	1.50	1.50	1.50	0.00	0.00	0.00	0.00	7.50
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	0.00	6.00	6.00	6.00	6.00	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	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 30 HP	1	30.0	6900.	20.	300.	1.92	2.97	0.44	5.33	2.49	0.37	1.12	3.99	1.920
TRACTOR 105 HP	6	105.0	27500.	20.	300.	1.96	3.02	0.45	5.43	1.45	0.22	1.15	2.81	0.491
PICKUP 1/2 T	14	0.5	7500.	8.	500.	0.11	0.08	0.01	0.20	0.21	0.03	0.07	0.32	0.073
CULTIVATOR 4 ROW	52	10.0	2200.	15.	56.	2.19	2.37	0.36	4.93	0.00	0.02	0.82	0.84	0.927
DISK OFFSET	60	14.0	3600.	15.	40.	2.42	2.62	0.40	5.44	0.00	0.01	0.60	0.61	0.446
LISTER 4 ROW	82	10.0	1200.	15.	75.	0.25	0.27	0.04	0.56	0.00	0.00	0.13	0.14	0.259
PLANTER 4ROW	108	10.0	2250.	15.	50.	1.52	1.64	0.25	3.41	0.00	0.01	0.74	0.76	0.560
FURROW IRIG SYS*	132	2.0	38250.	10.	5000.	8.09	8.84	1.15	18.08	0.00	0.03	1.44	1.47	15.000
FARM SHOP	2		9000.	35.		5.79	14.73	2.25	22.76	2.25		0.10	2.35	

TOTAL INVESTMENT OR COST MACHINERY & EQUIPMENT	98400.	2460.	24.25	36.55	5.36	66.15	6.40	0.70	6.18	13.28
INVESTMENT PER ACRE										

40 ACRES OF DOUBLE CROPPED BLACK EYE BEANS  
FURROW IRRIGATEDUC Cooperative Extension  
UPDATED 06/13/79

INCOME ABOVE VARIABLE COSTS

WHEN THE PRICE OF BLACK-EYED BEANS RANGES FROM 24.00 TO 26.00  
 AND THE QUANTITY OF BLACK-EYED BEANS RANGES FROM 15.00 TO 25.00

		PRICE OF BLACK-EYED BEANS				
		24.00	24.50	25.00	25.50	26.00
		*****				
QUANTITY OF BLACK-EYED	15.00 *	138.11	145.61	153.11	160.61	168.11
	* 17.50 *	198.11	206.86	215.61	224.36	233.11
	* 20.00 *	258.11	268.11	278.11	288.11	298.11
	* 22.50 *	318.11	329.36	340.61	351.86	363.11
	* 25.00 *	378.11	390.61	403.11	415.61	428.11
	* *					

40 ACRES OF DOUBLE CROPPED BLACK EYE BEANS  
 FURROW IRRIGATED

UPDATED 06/13/79

UC Cooperative Extension

COSTS AND RETURNS FOR BLACK EYE BEANS  
 MERCED AND MADRA COUNTIES - 1979

BY FARM ADVISORS: BILL WEIR  
 RON VARGAS  
 ED YEARY

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP 1/2 T		14 OCT	1.00	0.022	0.018	0.08	0.05
PICKUP 1/2 T		14 NOV	1.00	0.022	0.018	0.08	0.05
LISTER 4 ROW	1,	82 MAR	1.00	0.313	0.259	0.73	1.35
DISK OFFSET	6,	60 APR	2.00	0.540	0.446	3.43	10.88
PLANTER 4ROW	1,108	APR	1.00	0.677	0.560	2.03	5.12
PICKUP 1/2 T		14 APR	1.00	0.022	0.018	0.08	0.05
CULTIVATOR 4 ROW	1,	52 MAY	1.00	0.374	0.309	0.99	2.59
CULTIVATOR 4 ROW	1,	52 JUNE	1.00	0.374	0.309	0.99	2.59
CULTIVATOR 4 ROW	1,	52 JULY	1.00	0.374	0.309	0.99	2.59
PICKUP 1/2 T		14 SEPT	1.00	0.022	0.018	0.08	0.05
TOTALS				2.740	2.265	9.46	25.31

40 ACRES OF DOUBLE CROPPED BLACK EYE BEANS  
 FURROW IRRIGATED

UPDATED 06/13/79

BUDGET IDENTIFICATION NUMBER---  
 ANNUAL CAPITAL MONTH 9

2142400000 162 1  
 BUDGET RECORD NUMBER 185

UC Cooperative Extension

COSTS AND RETURNS FOR BLACK EYE BEANS  
 MERCED AND MADERA COUNTIES - 1979

BY FARM ADVISORS: BILL WEIR  
 RON VARGAS  
 ED YEARY

COSTS AND RETURNS WILL BE  
 DIVIDED BY 20.0 CWT.  
 TO OBTAIN PER CWT. COSTS

	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
<b>LANE PRODUCTION</b>																		
1 BLACK-EYED BEANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	25.000	0.000	16.	14.	2.	0.
	NUMBER OF UNITS																	
<b>OPERATING INPUTS</b>																		
													PRICE	SHARE	UNIT	ITEM	TYPE	HARV
														RENT	CODE	CODE		CODE
6 BLACK-EYE SEED	0.00	0.00	0.00	0.00	35.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.400	0.000	12.	114.	3.	0.
7 IRRIG DIST WATER	0.00	0.00	0.00	6.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.580	0.000	11.	323.	3.	0.
8 PESTICIDE APP	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	10.000	0.000	34.	357.	3.	0.
9 MISCL EXPENSE	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.000	0.000	7.	400.	3.	0.
11 CUSTOM WINROW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	12.000	0.000	7.	307.	3.	9.
12 CUSTOM HARVEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	10.000	0.000	7.	304.	3.	9.
13 CUSTOM HARVEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.00	0.00	0.00	0.00	1.000	0.000	16.	304.	3.	9.
14 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.00	0.00	0.00	0.00	0.380	0.000	16.	306.	3.	9.
16 WARE HOUSING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.00	0.00	0.00	0.00	2.600	0.000	16.	431.	3.	9.
<b>MACHINERY REQUIREMENTS</b>													# CREW POWER		MACH	TYPE	HARV	
													LABOR	UNIT	CODE		CODE	
26 DISK OFFSET	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	6.	60.	4.	0.
27 LISTER 4 ROW	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	1.	82.	4.	0.
28 PLANTER 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	0.000	1.	108.	4.	0.
29 CULTIVATOR 4 ROW	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	1.	52.	4.	0.
31 PICKUP 1/2 T	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.000	0.000	0.	14.	4.	0.
													SHARE	SHARE	POWER	SYSA		
													FIXED %	VAR %	UNIT	CODE	LIFT	
49 ACIN IRRIG WATER	0.00	0.00	0.00	0.00	6.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.	132.	0.
50 NO. TIMES IRRIG	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00						

EQUIPMENT REQUIREMENTS

NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
UNITS	OF COST		CODE		
1.000	0.250	0.	2.	5.	0.

RM SHOP

LAND REQUIREMENTS

CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE COST/ACRE
1.	40.00	1500.00	5.50	0.0

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40 ACRES OF DOUBLE CROPPED BLACK EYE BEANS  
 FURROW IRRIGATED

MACHINERY COMPLEMENT 1  
 EQUIPMENT COMPLEMENT 1

UPDATED 06/13/79

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

PARAMETER CHGS-->	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE
10.		4.800000	12.	3.900000								

1979 default data