

COST & RETURNS SUMMARY FOR WATERMELONS
 SPRING WATERMELONS-PROJECTED PRODUCTION COSTS-1980
 IMPERIAL COUNTY BY KEITH MAYBERRY, FARM ADVISOR
 10 TONS PER ACRE YIELD



Watermelons # 122

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
WATERMELONS	TON	140.000	10.000	1400.00	
TOTAL RECEIPTS:				1400.00	
2. VARIABLE COSTS:					
PREHARVEST:					
CUSTOM SUBSOIL	ACRE	18.000	1.000	18.00	
CUSTOM DISC	ACRE	6.500	4.000	26.00	
BLD & BRK BORDER	ACRE	11.500	1.000	11.50	
FERTILIZER APP	ACRE	4.000	1.000	4.00	
M - P - O	LBS.	0.145	400.000	58.00	
CUSTOM LIST	ACRE	17.000	1.000	17.00	
FUMIGANT	GAL.	3.550	10.000	35.50	
CUSTOM FUMIGATE	ACRE	5.500	1.000	5.50	
CUSTOM PLANTING	ACRE	11.000	1.000	11.00	
WATERMELON SEED	LBS.	6.000	2.000	12.00	
HERBICIDE	ACRE	18.000	1.000	18.00	
HERBICIDE APP	APLC	6.000	1.000	6.00	
POLLINATION	UNIT	13.000	1.500	19.50	
HAND HOEING	HOOR	5.500	14.000	77.00	
INSECTICIDE	APLC	10.000	7.000	70.00	
INSECTICIDE APP	APLC	3.750	7.000	26.25	
CUSTOM CULTIVATE	ACRE	11.000	4.000	44.00	
FERT & FURROW OU	ACRE	7.500	2.000	15.00	
NITROGEN	LBS.	0.320	200.000	64.00	
IRRIG DIST WATER	ACIN	0.420	48.000	20.16	
IRRIGATION LABOR	HOOR	5.500	7.800	42.90	
INTEREST ON OPERATING CAP.	DOL.	0.00000	233.504	0.00	
TOTAL PREHARVEST COSTS:				601.31	
PREHARVEST COST PER TON				60.1310	
HARVEST:					
CUSTOM HARVEST	TON	42.000	10.000	420.00	
TOTAL HARVEST COSTS:				420.00	
HARVEST COST PER TON				42.0000	
TOTAL VARIABLE COSTS:				1021.31	
VARIABLE COST PER TON				102.1310	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER TON				378.69	
4. OVERHEAD:					
CASH RENT:				175.00	
MISC. OFFICE & BOOKKEEPING (8.00% OF TOTAL VARIABLE COSTS)				81.70	
TOTAL OVERHEAD:				256.70	
OVERHEAD COST PER TON				25.6705	
TOTAL CASH COSTS:				1278.01	
TOTAL CASH COST PER TON				127.8015	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER TON				121.99	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			0.00	
TOTAL DEPRECIATION:				0.00	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.00000	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				1278.01	
8. NET RETURNS:					
NET RETURNS PER TON				121.99	

CASH RENT BASIS
 ALL COSTS ON ONE ACRE BASIS USING CUSTOM OPERATIONS
 FURROW IRRIGATED
 DATE PRINTED: 02/12/81 HARVEST MONTH: 6

UPDATED 02/12/81
 BUDGET RECORD NUMBER 122

1980 default data

15H FLOW & INVESTMENT SUMMARY FOR WATERMELONS

BUDGET RECORD NUMBER 122

SPRING WATERMELONS-PROJECTED PRODUCTION COSTS-1980
 IMPERIAL COUNTY BY KEITH MAYBERRY, FARM ADVISOR
 10 TONS PER ACRE YIELD

MONTHLY SUMMARY OF RECEIPTS AND EXPENSES

CATEGORY	UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
TOTAL RECEIPTS	\$/AC	0.00	0.00	0.00	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	0.00	0.00	1400.00
OPERATING EXPENSES														
CUSTOM SUBSOIL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00	0.00	18.00
CUSTOM DISC	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.00	13.00	26.00
BLD & BRK BORDER	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.50	0.00	11.50
FERTILIZER APP	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	4.00
N - P - O	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.00	0.00	58.00
CUSTOM LIST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.00	0.00	17.00
FUMIGANT	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.50	0.00	35.50
CUSTOM FUMIGATE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.50	0.00	5.50
CUSTOM PLANTING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.00	11.00
WATERMELON SEED	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	12.00
HERBICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00	18.00
HERBICIDE APP	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	6.00
POLLINATION	\$/AC	19.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.50
HAND HOEING	\$/AC	44.00	0.00	0.00	33.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.00
INSECTICIDE	\$/AC	0.00	10.00	20.00	20.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.00
INSECTICIDE APP	\$/AC	0.00	3.75	7.50	7.50	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.25
CUSTOM CULTIVATE	\$/AC	22.00	11.00	11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.00
FERT & FURROW OUI	\$/AC	0.00	7.50	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
NITROGEN	\$/AC	0.00	32.00	32.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.00
IRRIG DIST WATER	\$/AC	3.36	3.36	3.36	3.36	3.36	0.00	0.00	0.00	0.00	0.00	3.36	0.00	20.16
CUSTOM HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00	0.00	0.00	0.00	420.00
INTEREST ON OPER. CAP.	\$/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	7.15	7.15	7.15	7.15	7.15	0.00	0.00	0.00	0.00	0.00	7.15	0.00	42.90
TOTAL EXPENSES	\$/AC	96.48	75.23	88.98	71.48	38.48	420.00	0.00	0.00	0.00	0.00	169.48	64.00	1021.31

MONTHLY IRRIGATION AND LABOR REQUIREMENTS

	HR/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
IRRIGATION LABOR	HR/AC	1.30	1.30	1.30	1.30	1.30	0.00	0.00	0.00	0.00	0.00	1.30	0.00	7.80
IRRIG. WATER APPLIED	ACIN	8.00	8.00	8.00	8.00	8.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	48.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANN. FIXED COST PER ACRE			VARIABLE COST PER ACRE				HRS PER ACRE		
					HOURS USED	DEPR.	INTER.	TAX \$INS	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	0.00	0.00	24.000

MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE
 TOTAL INVESTMENT 0.

CASH RENT BASIS
 ALL COSTS ON ONE ACRE BASIS USING CUSTOM OPERATIONS
 FURROW IRRIGATED
 DATE PRINTED: 02/12/81

UPDATED 02/12/81

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 122
 SPRING WATERMELONS-PROJECTED PRODUCTION COSTS-1980
 IMPERIAL COUNTY BY KEITH MAYBERRY, FARM ADVISOR
 10 TONS PER ACRE YIELD

FUEL USED IN GALLONS PER HOUR

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED
 MACHINE GALLONS POWER UNIT

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
TOTALS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

GALLONS FUEL BY TYPE

0.00 GAS
 0.00 LP
 0.00 DIESEL
 0.00 N. GAS
 0.00 KWHRS

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

CASH RENT BASIS

ALL COSTS ON ONE ACRE BASIS USING CUSTOM OPERATIONS

FURROW IRRIGATED

DATE PRINTED: 02/12/81

UPDATED 02/12/81

MACHINERY OPERATIONS SUMMARY

BUDGET RECORD NUMBER 122

SPRING WATERMELONS-PROJECTED PRODUCTION COSTS-1980
 IMPERIAL COUNTY BY KEITH MAYBERRY, FARM ADVISOR
 10 TONS PER ACRE YIELD

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOUR S	MACHINE HOURS	FUEL,OIL, LUB., PER ACRE	FIXED REP. COSTS PER ACRE
TOTALS				0.000	0.000	0.00	0.00

CASH RENT BASIS

ALL COSTS ON ONE ACRE BASIS USING CUSTOM OPERATIONS

FURROW IRRIGATED

DATE PRINTED: 02/12/81

UPDATED 02/12/81

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 122
 SPRING WATERMELONS-PROJECTED PRODUCTION COSTS-1980
 IMPERIAL COUNTY BY KEITH MAYBERRY, FARM ADVISOR
 10 TONS PER ACRE YIELD

INCOME ABOVE VARIABLE COSTS WHEN THE PRICE OF WATERMELONS AND THE QUANTITY OF WATERMELONS		RANGES FROM RANGES FROM		110.00 TO 8.00 TO	170.00 12.00	
PRICE OF WATERMELONS		110.00	125.00	140.00	155.00	170.00

QUANTITY OF WATERMELONS	8.00	⌘ -141.31	⌘ -21.31	⌘ 98.69	⌘ 218.69	⌘ 338.69
	⌘					
	9.00	⌘ -31.31	⌘ 103.69	⌘ 238.69	⌘ 373.69	⌘ 508.69
	⌘					
	10.00	⌘ 78.69	⌘ 228.69	⌘ 378.69	⌘ 528.69	⌘ 678.69
⌘						
11.00	⌘ 188.69	⌘ 353.69	⌘ 518.69	⌘ 683.69	⌘ 848.69	
⌘						
12.00	⌘ 298.69	⌘ 478.69	⌘ 658.69	⌘ 838.69	⌘ 1018.69	
⌘						

INCOME ABOVE ALL CASH COSTS WHEN THE PRICE OF WATERMELONS AND THE QUANTITY OF WATERMELONS		RANGES FROM RANGES FROM		110.00 TO 8.00 TO	170.00 12.00	
PRICE OF WATERMELONS		110.00	125.00	140.00	155.00	170.00

QUANTITY OF WATERMELONS	8.00	⌘ -398.01	⌘ -278.01	⌘ -158.01	⌘ -38.01	⌘ 81.99
	⌘					
	9.00	⌘ -288.01	⌘ -153.01	⌘ -18.01	⌘ 116.99	⌘ 251.99
	⌘					
	10.00	⌘ -178.01	⌘ -28.01	⌘ 121.99	⌘ 271.99	⌘ 421.99
⌘						
11.00	⌘ -68.01	⌘ 96.99	⌘ 261.99	⌘ 426.99	⌘ 591.99	
⌘						
12.00	⌘ 41.99	⌘ 221.99	⌘ 401.99	⌘ 581.99	⌘ 761.99	
⌘						

INCOME ABOVE ALL COSTS WHEN THE PRICE OF WATERMELONS AND THE QUANTITY OF WATERMELONS		RANGES FROM RANGES FROM		110.00 TO 8.00 TO	170.00 12.00	
PRICE OF WATERMELONS		110.00	125.00	140.00	155.00	170.00

QUANTITY OF WATERMELONS	8.00	⌘ -398.01	⌘ -278.01	⌘ -158.01	⌘ -38.01	⌘ 81.99
	⌘					
	9.00	⌘ -288.01	⌘ -153.01	⌘ -18.01	⌘ 116.99	⌘ 251.99
	⌘					
	10.00	⌘ -178.01	⌘ -28.01	⌘ 121.99	⌘ 271.99	⌘ 421.99
⌘						
11.00	⌘ -68.01	⌘ 96.99	⌘ 261.99	⌘ 426.99	⌘ 591.99	
⌘						
12.00	⌘ 41.99	⌘ 221.99	⌘ 401.99	⌘ 581.99	⌘ 761.99	
⌘						

CASH RENT BASIS
 ALL COSTS ON ONE ACRE BASIS USING CUSTOM OPERATIONS
 FURROW IRRIGATED
 DATE PRINTED: 02/12/81

UPDATED 02/12/81

STORED DATA PAGE (NO CALCULATIONS) FOR WATERMELONS

BUDGET RECORD NUMBER 122

SPRING WATERMELONS-PROJECTED PRODUCTION COSTS-1980
 IMPERIAL COUNTY BY KEITH MAYBERRY, FARM ADVISOR
 10 TONS PER ACRE YIELD

COSTS AND RETURNS WILL BE
 DIVIDED BY 10.0 TON
 TO OBTAIN PER TON 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 WATERMELONS	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	140.000	0.000	3.	98.	2.	0.	
OPERATING INPUTS																			
	RATE/UNIT													PRICE	SHARE	UNIT	ITEM	TYPE	HARV
														RENT	CODE	CODE		CODE	
6 CUSTOM SUBSOIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	18.000	0.000	7.	285.	3.	0.	
7 CUSTOM DISC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	6.500	0.000	7.	281.	3.	0.	
8 BLD & BRK BORDER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	11.500	0.000	7.	284.	3.	0.	
9 FERTILIZER APP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	4.000	0.000	7.	356.	3.	0.	
10 N - P - 0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.145	0.000	12.	212.	3.	0.	
11 CUSTOM LIST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	17.000	0.000	7.	286.	3.	0.	
12 FUMIGANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	3.550	0.000	5.	261.	3.	0.	
13 CUSTOM FUMIGATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	5.500	0.000	7.	365.	3.	0.	
14 CUSTOM PLANTING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	11.000	0.000	7.	292.	3.	0.	
15 WATERMELON SEED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	6.000	0.000	12.	198.	3.	0.	
16 HERBICIDE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	18.000	0.000	7.	250.	3.	0.	
17 HERBICIDE APP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	6.000	0.000	34.	358.	3.	0.	
18 POLLINATION	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.000	0.000	22.	350.	3.	0.	
19 HAND HOEING	8.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.500	0.000	8.	335.	3.	0.	
20 INSECTICIDE	0.00	1.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.000	0.000	34.	240.	3.	0.	
21 INSECTICIDE APP	0.00	1.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.750	0.000	34.	359.	3.	0.	
22 CUSTOM CULTIVATE	2.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.000	0.000	7.	310.	3.	0.	
23 FERT & FURROW OU	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.500	0.000	8.	206.	3.	0.	
24 NITROGEN	0.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.320	0.000	12.	211.	3.	0.	
25 IRRIG DIST WATER	8.00	8.00	8.00	8.00	8.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	0.420	0.000	11.	323.	3.	0.	
26 CUSTOM HARVEST	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	42.000	0.000	3.	304.	3.	9.	

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

NONE STORED WITH BUDGET

	SHARE	SHARE	POWER	SYNS	
	FIXED %	VAR %	UNIT	CODE	LIFT
49 ACIN IRRIG WATER	8.00	8.00	8.00	8.00	8.00
50 NO. TIMES IRRIG	1.00	1.00	1.00	1.00	1.00

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

NONE STORED WITH BUDGET

COLUMNS --->	2	3	4	5	6	7	8
LAND REQUIREMENTS	CHARGE		NUMBER	VALUE OR	TAXES	PERENNIAL CROPS	
	METHOD		OF ACRES	COST/ACRE	PER ACRE	YRS LIFE	COST/ACRE
71	2.		1.00	175.00	0.00	0.0	0.00
ENTERPRISE 2-98 REGION/COUNTY 13 UNASSIGNED 00000 MACH COMP 1 IRRIG SYST & UNASSIGNED 0 EQUIP SET 1 HARVEST MONTH 6							

CASH RENT BASIS
 ALL COSTS ON ONE ACRE BASIS USING CUSTOM OPERATIONS
 FURROW IRRIGATED

MACHINERY COMPLEMENT 1
 EQUIPMENT COMPLEMENT 1

UPDATED 02/12/81

GENERAL NAME CHANGE->	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE
	RM CL	VALUE	RM CL	VALUE	RM CL
206 FERT & FURROW OU		5.500000	18.	1.300000	28.
365 CUSTOM FUMIGATE				0.080000	6.
				0.000000	

DA PRINTED: 02/12/81
 1980 default data