

COST AND RETURNS SUMMARY FOR LAYERS BUDGET RECORD NUMBER 404
 EGG PRODUCTION COSTS AND RETURNS BY WILLIAM F. ROONEY
 SOUTHERN CALIFORNIA FARM ADVISOR
 1980 POULTRY

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST	YOUR COST
1. GROSS RECEIPTS						
EGGS	1.00	DZ.	0.483	1980000.000	956340.00	
MANURE	1.00	CUFT	0.070	86428.000	6049.96	
SPENT HEN(S)	3.50	LBS.	0.085	57200.000	12017.00	
TOTAL					979406.96	
GROSS INCOME PER DZ.						0.4946
2. VARIABLE COSTS						
FEED COSTS						
LAYER FEED		TON	148.000	3828.000	566544.00	
TOTAL FEED COST					566544.00	
OTHER COSTS						
PULLETS		BIRD	2.300	65000.000	149500.00	
HIRED LABOR		HOUR	4.000	7488.000	29952.00	
UTILITIES		MO.	700.000	12.000	8400.00	
FUEL		DOL.	90.000	12.000	1080.00	
VET & MED.		MO.	328.000	12.000	3936.00	
FOREMAN		MO.	1200.000	12.000	14400.00	
OFFICE SUPPLIES		DOL.	30.000	12.000	360.00	
REPAIRS		DOL.	370.000	12.000	4440.00	
LIVESTOCK INS.		BIRD	0.015	100000.000	1500.00	
TAXES		EACH	7320.000	1.000	7320.00	
TRACTORS (FUEL-LUBE-REP)		DOL.			64.29	
MACHINERY (FUEL-LUBE-REP)		DOL.			1534.67	
LABOR: TRACTOR & MACHINERY		HRS.	3.750	251.66	943.74	
INTEREST ON OPER. CAP.		DOL.	0.12000	65831.22	7899.75	
TOTAL VARIABLE COSTS					797874.44	
VAR. COST PER DZ.						0.4030
3. INCOME ABOVE OPERATING COSTS					181532.52	
INCOME PER DZ.						0.0917
4. OVERHEAD						
MANAGEMENT (2.0% OF GROSS INCOME)					19588.14	
PERSONAL PROPERTY TAXES					31.57	
REAL PROPERTY TAXES					250.00	
INSURANCE					3381.00	
TOTAL OVERHEAD					23250.71	
OVERHEAD COST PER DZ.						0.0117
TOTAL CASH EXPENSE					821125.15	
CASH EXPENSE PER DZ.						0.4147
5. INCOME ABOVE CASH COSTS					158281.81	
INCOME PER DZ.						0.0799
6. FIXED COSTS						
CAPITAL & INTEREST						
INT. ON LIVESTOCK CAPITAL		DOL.	0.12000	80500.00	9660.00	
INT. ON EQUIPMENT CAPITAL		DOL.	0.10670	201250.00	21473.38	
INT. ON MACHINERY CAPITAL		DOL.	0.12000	1045.25	125.43	
INT. ON BUILDING SITE		DOL.	0.10670	25000.00	2667.50	
TOTAL INTEREST					33926.31	
DEPRECIATION						
DEPR. ON EQUIPMENT		DOL.			14875.00	
DEPR. ON MACHINERY		DOL.			202.22	
TOTAL DEPRECIATION					15077.22	
TOTAL FIXED COSTS					49003.52	
FIXED COSTS PER DZ.						0.0247
7. TOTAL COSTS					870128.67	
TOTAL COST PER DZ.						0.4395
8. NET RETURNS					109278.29	
NET RETURNS PER DZ.						0.0552

BASED ON A 100,000 BIRD FLOCK
 WITH A 12% MORTALITY RATE PRODUCING AN AVERAGE
 OF 19.8 DOZEN PER AVERAGE HEN
 DATE PRINTED: 09/05/80 CYCLE LENGTH(MOS.): 1
 1980 default data

Updated: 9/5/80
 PRODUCTION UNIT 1980000.00 DZ.

CASH FLOW & INVESTMENT SUMMARY FOR LAYERS
EGG PRODUCTION COSTS AND RETURNS
SOUTHERN CALIFORNIA
1980

BY WILLIAM F. ROONEY
FARM ADVISOR
POULTRY

BUDGET RECORD NUMBER 404

MONTHLY SUMMARY OF RECEIPTS AND EXPENSES

YEAR UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL RECEIPTS 1 DOL.	79695.	79695.	79695.	79695.	102762.	79695.	79695.	79695.	79695.	79695.	79695.	79695.
OPERATING INPUTS:												
LAYER FEED 1 DOL.	47212.	47212.	47212.	47212.	47212.	47212.	47212.	47212.	47212.	47212.	47212.	47212.
PULLETS 1 DOL.	0.	0.	0.	0.	149500.	0.	0.	0.	0.	0.	0.	0.
HIRED LABOR 1 DOL.	2496.	2496.	2496.	2496.	2496.	2496.	2496.	2496.	2496.	2496.	2496.	2496.
UTILITIES 1 DOL.	700.	700.	700.	700.	700.	700.	700.	700.	700.	700.	700.	700.
FUEL 1 DOL.	90.	90.	90.	90.	90.	90.	90.	90.	90.	90.	90.	90.
VET & MED. 1 DOL.	328.	328.	328.	328.	328.	328.	328.	328.	328.	328.	328.	328.
FOREMAN 1 DOL.	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1200.
OFFICE SUPPLIES 1 DOL.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.
REPAIRS 1 DOL.	370.	370.	370.	370.	370.	370.	370.	370.	370.	370.	370.	370.
LIVESTOCK INS. 1 DOL.	0.	0.	0.	0.	1500.	0.	0.	0.	0.	0.	0.	0.
TAXES 1 DOL.	0.	0.	0.	3660.	0.	0.	0.	0.	0.	0.	0.	3660.
TRACTOR FUEL COST 1 DOL.	0.	0.	0.	0.	18.	0.	0.	0.	0.	0.	18.	0.
TRACT REPAIR COST 1 DOL.	0.	0.	0.	0.	11.	0.	0.	0.	0.	0.	11.	0.
TRACTOR LUBE COST 1 DOL.	0.	0.	0.	0.	3.	0.	0.	0.	0.	0.	3.	0.
MACHRY FUEL COST 1 DOL.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.
MACHRY LUBE COST 1 DOL.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
MACH REPAIR COST 1 DOL.	36.	36.	36.	36.	37.	36.	36.	36.	36.	36.	37.	36.
MACHINERY LABOR 1 DOL.	75.	75.	75.	75.	97.	75.	75.	75.	75.	75.	97.	75.
INT. ON OPER CAP. 1 DOL.	658.	658.	658.	658.	658.	658.	658.	658.	658.	658.	658.	658.

*** TOTALS OF THE ABOVE ITEMS ARE LISTED IN THE VARIABLE COST SECTION ON THE REVERSE SIDE ***

COST	1 DOL.	53287.	53287.	53287.	56947.	204342.	53287.	53287.	53287.	53287.	53287.	53342.	56947.
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LABOR USE SUMMARY

MACHINERY LABOR 1 HOUR	20.	20.	20.	20.	26.	20.	20.	20.	20.	20.	20.	26.	20.
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LIVESTOCK INVESTMENT AND COST SUMMARY

INVESTMENT

COST SUMMARY

NAME	UNIT	SIZE	PURCH PRICE	NO. IN BUDGET	TOTAL VALUE	DEPR.	INTEREST	INS/TAXES	TOTAL OWNERSHIP	FUEL & LUBE	REPAIRS	TOTAL OP COSTS
EQUIPMENT												
OPEN HS INCL EDP	BIRD	1.	4.*****		350000.00	14875.00	21473.38	2415.00	38763.38	0.00	0.00	0.00
LIVESTOCK												
LAYERS	BIRD	1.	2.	35000.	80500.00	0.00	9660.00	966.00	10626.00			
MACHINERY												
TRACTOR 75 HP			17400.00		17400.00	11.53	13.84	4.15	29.52	42.14	22.14	64.29
PICKUP 1/2 TON			9000.00		9000.00	188.20	110.12	27.00	325.32	1104.00	428.58	1532.58
MANURE SCRAPER*			470.00		470.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FRONT END LOADR*			2880.00		2880.00	2.49	1.47	0.41	4.37	0.04	2.04	2.08
LAND												
BUILDING SITE	ACRE		2500.00	10.0	25000.00		2662.50	250.00	2912.50			
TOTALS					485250.00	15077.22	33926.31	3662.57	52666.09	1146.19	452.77	1598.95

TOTAL PER DZ.

0.24508

0.0076

0.0171

0.0018

0.0266

0.0006

0.0002

0.0008

BASED ON A 100,000 BIRD FLOCK
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OF 19.8 DOZEN PER AVERAGE HEN

Updated 9/5/80

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 404
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FUEL USED IN GALLONS PER HOUR

TRACTOR 75 HP 3.600
 PICKUP 1/2 TON 4.000

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 1/2 TON	0.133	
MANURE SCRAPER*	0.079	TRACTOR 75 HP
FRONT END LOADR*	0.198	TRACTOR 75 HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
PICKUP 1/2 TON	66.667	66.667	66.667	66.667	66.667	66.667	66.667	66.667	66.667	66.667	66.667	66.667	800.000	GAS
MANURE SCRAPER*	0.000	0.000	0.000	0.000	0.079	0.000	0.000	0.000	0.000	0.000	0.079	0.000	0.158	DIESEL
FRONT END LOADR*	0.000	0.000	0.000	0.000	19.008	0.000	0.000	0.000	0.000	0.000	19.008	0.000	38.016	DIESEL
TOTALS	66.667	66.667	66.667	66.667	85.754	66.667	66.667	66.667	66.667	66.667	85.754	66.667	838.174	

GALLONS FUEL BY TYPE
 800.00 GAS
 0.00 LP
 38.17 DIESEL
 0.00 N. GAS
 0.00 KWHRS

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

MACHINERY OPERATIONS SUMMARY BUDGET RECORD NUMBER 404
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OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOUR S	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP 1/2 TON		13 FEB	*****	20.000	16.667	*****	27.11
PICKUP 1/2 TON		13 MAR	*****	20.000	16.667	*****	27.11
PICKUP 1/2 TON		13 APR	*****	20.000	16.667	*****	27.11
PICKUP 1/2 TON		13 MAY	*****	20.000	16.667	*****	27.11
MANURE SCRAPER*	4,	55 MAY		1.00	0.024	0.13	0.06
FRONT END LOADR*	4,	52 MAY		96.00	5.808	33.05	16.88
PICKUP 1/2 TON		13 JUNE	*****	20.000	16.667	*****	27.11
PICKUP 1/2 TON		13 JULY	*****	20.000	16.667	*****	27.11
PICKUP 1/2 TON		13 AUG	*****	20.000	16.667	*****	27.11
PICKUP 1/2 TON		13 SEPT	*****	20.000	16.667	*****	27.11
PICKUP 1/2 TON		13 OCT	*****	20.000	16.667	*****	27.11
PICKUP 1/2 TON		13 NOV	*****	20.000	16.667	*****	27.11
MANURE SCRAPER*	4,	55 NOV		1.00	0.024	0.13	0.06
FRONT END LOADR*	4,	52 NOV		96.00	5.808	33.05	16.88
PICKUP 1/2 TON		13 DEC	*****	20.000	16.667	*****	27.11
PICKUP 1/2 TON		13 JAN	*****	20.000	16.667	*****	27.11

TOTALS ***** ***** ***** 359.21
 BASED ON A 100,000 BIRD FLOCK
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STORED DATA PAGE (NO CALCULATIONS) FOR LAYERS

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COSTS AND RETURNS WILL BE
DIVIDED BY 1980000.0 DZ.
TO OBTAIN PER DZ. 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	WEIGHT	UNIT	ITEM	TYPE	YEAR
	NUMBER OF UNITS																	
1 EGGS	*****												0.483	1.000	4.	95.	2.	0.
2 MANURE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.070	1.000	20.	201.	2.	0.
3 SPENT HEN(S)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.085	3.500	12.	85.	2.	0.

OPERATING INPUTS	RATE/UNIT												PRICE	NUMBER	UNIT	ITEM	TYPE	YEAR	
														UNITS	CODE	CODE			
11 PULLETS	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.300	*****	36.	78.	3.	0.	
12 LAYER FEED	319.00	319.00	319.00	319.00	319.00	319.00	319.00	319.00	319.00	319.00	319.00	319.00	148.000	1.000	3.	191.	3.	2.	
13 HIRED LABOR	208.00	208.00	208.00	208.00	208.00	208.00	208.00	208.00	208.00	208.00	208.00	208.00	4.000	3.000	8.	332.	3.	0.	
14 UTILITIES	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	70.000	1.000	40.	460.	3.	0.	
15 FUEL	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	90.000	1.000	15.	420.	3.	0.	
16 VET & MED.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	328.000	1.000	40.	416.	3.	0.	
17 FOREMAN	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	*****	1.000	40.	334.	3.	0.	
18 OFFICE SUPPLIES	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	30.000	1.000	15.	424.	3.	0.	
19 REPAIRS	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	370.000	1.000	15.	425.	3.	0.	
20 LIVESTOCK INS.	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.015	*****	36.	453.	3.	0.	
21 TAXES	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	*****	1.000	23.	440.	3.	0.

MACHINERY REQUIREMENTS	TIMES OVER												R	CREW	POWER	RACH	TYPE	
													LABOR	UNIT	CODE			
38 PICKUP 1/2 TON	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	0.000	0.000	0.	13.	4.	0.
39 MANURE SCRAPER*	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.000	0.000	4.	55.	4.	0.
40 FRONT END LOADR*	0.00	0.00	0.00	0.00	96.00	0.00	0.00	0.00	0.00	0.00	96.00	0.00	0.000	0.000	4.	52.	4.	0.

EQUIPMENT REQUIREMENTS	NUMBER	PROPERT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
51 OPEN HS INCL EQP	*****	1.000	0.	8.	5.	0.

LIVESTOCK INVESTMENT	2	3	4	5	6
52 LAYERS	CHARGE	PAST	NUMBER	VALUE OR	TAXES
COLUMNS --->	METHOD	NAME	OF ACRES	COST/ACRE	PER ACRE
71 BUILDING SITE	1.	150.	10.00	2500.00	25.00
ENTERPRISE 1-80 REGION/COUNTY 65 UNASSIGNED 00 INTEREST METHOD 2 UNASSIGNED 00					
MACHINE COMP. 10 UNASSIGNED 00 EQUIPMENT SET 5 SALE NO./CYCLE LENGTH 1					

BASED ON A 100,000 BIRD FLOCK
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OF 19.8 DOZEN PER AVERAGE HEN

updated 9/05/80

MACHINERY COMPLEMENT 10
EQUIPMENT COMPLEMENT 5

GENERAL NAME CHANGE->150	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE
BUILDING SITE	VALUE	VALUE	VALUE	VALUE	VALUE
	RW CL	RW CL	RW CL	RW CL	RW CL
PARAMETER CHGS-->27.	0.020000	0.000000	0.000000	0.000000	0.000000
15.	0.012000	0.120000			

1978 default data