

TITLE: SAMPLE COSTS TO PRODUCE WALNUTS  
 GLENN COUNTY - 1977  
 LANDOWNER BASIS

Walnuts #306

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
WALNUTS	TON	1320.000	2.000	2640.00	
TOTAL RECEIPTS:				\$ 2640.00	
<b>2. VARIABLE COSTS:</b>					
PREHARVEST:					
PRUNING	ACRE	36.000	1.000	36.00	
BRUSH REMOVAL	ACRE	13.440	1.000	13.44	
NITROGEN	LBS.	0.300	250.000	75.00	
INSECTICIDE	GAL.	0.040	400.000	16.00	
HERBICIDE	GAL.	0.068	120.000	8.16	
BLIGHT CONTROL	GAL.	0.030	400.000	12.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			7.34	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			5.63	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			1.64	
IRRIGATION POWER COST	ACRE			9.52	
IRRIGATION (LUBE-REPAIRS)	ACRE			10.23	
IRRIGATION WATER APPLIED	ACIN	0.470	42.000		
MACHINERY LABOR	HOUR	5.100	4.308	21.97	
IRRIGATION LABOR	HOUR	4.250	11.000	46.75	
INTEREST ON OPERATING CAP.	DOL.	0.086	93.973	7.95	
TOTAL PREHARVEST COSTS:				\$ 271.62	
PREHARVEST COST PER TON				\$ 135.81	
HARVEST:					
HULLING	TON	33.400	2.000	66.80	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			45.54	
MACHINERY LABOR	HOUR	5.100	11.200	57.12	
INTEREST ON OPERATING CAP.	DOL.	0.086	2.783	0.24	
TOTAL HARVEST COSTS:				\$ 169.70	
HARVEST COST PER TON				\$ 84.85	
TOTAL VARIABLE COSTS:				\$ 441.32	
VARIABLE COST PER TON				\$ 220.66	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
INCOME PER TON				\$ 2198.68	
				\$ 1099.34	
<b>4. CASH OVERHEAD:</b>					
REAL PROPERTY TAXES:				50.00	
MISC. OFFICE & BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)				11.03	
TOTAL CASH OVERHEAD:				\$ 61.03	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>					
INCOME PER TON				\$ 2137.64	
				\$ 1068.82	
<b>6. OWNERSHIP COSTS:</b>					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			67.42	
IRRIGATION SYSTEM	ACRE			12.17	
BUILDINGS	ACRE			8.35	
TREES, VINES OR STAND	ACRE			27.50	
TOTAL DEPRECIATION:				\$ 115.44	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.086	528.515	45.61	
IRRIGATION SYSTEM		0.086	116.575	10.06	
BUILDINGS		0.086	164.161	14.17	
TREES, VINES OR STAND		0.086	1100.000	94.93	
LAND		0.083	2500.000	206.25	
TOTAL INTEREST CHARGE:				\$ 371.02	
TOTAL FIXED COSTS:				\$ 486.46	
FIXED COST PER TON				243.23	
<b>7. TOTAL OF ABOVE COSTS:</b>					
TOTAL COST PER TON				\$ 988.81	
				494.41	
<b>8. NET RETURNS:</b>					
NET RETURNS PER TON				\$ 1651.19	
				825.59	

*Temp*

48 TREES/ACRE  
 YIELD: 2 TONS/ACRE  
 TYPICAL CULTURAL PRACTICES REPRESENTED

DATE: 06/27/78

BUDGET IDENTIFICATION NUMBER 2631100000 712 1  
 DATE PRINTED: 03/06/79

BUDGET RECORD NUMBER 306  
 HARVEST MONTH: 10

IDENTIFICATION NUMBER 2631100000 712 1  
 SAMPLE COSTS TO PRODUCE WALNUTS  
 GLENN COUNTY - 1977  
 LANDOWNER BASIS

HARVEST MONTH 10

BUDGET RECORD NUMBER 306

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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	2640.00	0.00	0.00	2640.00
OPERATING EXPENSES															
PRUNING	\$/AC	18.00	18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
BRUSH REMOVAL	\$/AC	6.72	6.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.44
NITROGEN	\$/AC	0.00	0.00	0.00	0.00	37.50	0.00	0.00	0.00	0.00	37.50	0.00	0.00	0.00	75.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00
HERBICIDE	\$/AC	0.00	0.00	2.04	0.00	2.04	0.00	2.04	0.00	2.04	0.00	0.00	0.00	0.00	8.16
HULLING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.40	33.40	0.00	0.00	0.00	66.80
BLIGHT CONTROL	\$/AC	0.00	0.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00
MACHINE LABOR COST	\$/AC	0.00	0.00	3.16	2.98	4.28	1.37	3.16	1.37	2.66	60.11	0.00	0.00	0.00	79.09
INTEREST ON OPER. CAP.	\$/AC	1.60	1.41	0.67	0.51	2.01	0.58	0.88	0.19	0.33	0.00	0.00	0.00	0.00	8.19
TRACTOR COST	\$/AC	0.00	0.00	1.10	1.07	1.47	0.42	1.10	0.42	0.78	0.96	0.00	0.00	0.00	7.34
EQUIPMENT COST	\$/AC	0.00	0.00	1.08	1.80	0.43	0.24	1.08	0.24	0.46	45.84	0.00	0.00	0.00	51.17
BLDG OPER. COST	\$/AC	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.00	0.00	0.00	1.64
IRRIGATION COST	\$/AC	0.00	0.00	0.00	0.00	2.82	5.64	5.64	2.82	2.82	0.00	0.00	0.00	0.00	19.75
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	0.00	8.50	12.75	12.75	8.50	4.25	0.00	0.00	0.00	0.00	46.75
TOTAL EXPENSES	\$/AC	26.48	26.30	14.22	12.53	59.22	21.17	42.82	13.71	46.91	176.95	0.00	0.00	0.00	441.32

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
	HR/AC													
MACHINE LABOR	HR/AC	0.00	0.00	0.62	0.58	0.84	0.27	0.62	0.27	0.52	11.79	0.00	0.00	15.51
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.00	2.00	3.00	3.00	2.00	1.00	0.00	0.00	0.00	11.00
IRRIG. WATER APPLIED	ACTN	0.00	0.00	0.00	0.00	6.00	12.00	12.00	6.00	6.00	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 35 HP	3	35.0	8300.	15.	300.	2.27	2.18	0.47	4.92	1.86	0.28	0.93	3.07	1.526
TRACTOR 50 HP	4	50.0	13300.	15.	300.	4.52	4.34	0.95	9.81	2.10	0.31	1.86	4.27	1.900
PICKUP 1/2 TON	14	0.5	7500.	7.	435.	0.83	0.42	0.09	1.33	1.04	0.16	0.27	1.48	0.450
20 H.P. PUMP	21	1.0	7038.	25.	6400.	0.85	1.08	0.26	2.19	9.52	0.14	1.87	11.54	21.000
FRUIT-NUT PKUP*	28	1.0	12500.	10.	215.	9.71	5.85	1.31	16.86	1.50	0.22	9.42	11.14	2.000
FRUIT-NUT RAKE*	30	0.6	13000.	10.	215.	16.83	10.13	2.27	29.23	1.45	0.22	20.81	22.48	3.333
NUT SHAKER*	31	0.5	12000.	10.	215.	18.64	11.22	2.51	32.38	1.74	0.26	9.91	11.91	4.000
LGE NUT CART	42	5.0	960.	10.	200.	0.05	0.03	0.01	0.08	0.00	0.00	0.00	0.00	0.122
SURFACE IRR SYS*	53	2.0	38250.	10.	5000.	11.32	8.98	1.81	22.11	0.00	0.16	6.05	8.21	21.000
FERTILIZER APPLIC	85	10.0	800.	13.	60.	0.51	0.39	0.09	0.99	0.00	0.01	0.26	0.27	0.625
WD SPYR 200 GAL	88	35.0	1700.	15.	60.	1.09	0.86	0.20	2.15	0.00	0.00	0.23	0.24	0.640
SPD SPYR 300 GAL	91	35.0	15000.	15.	80.	5.92	4.64	1.10	11.67	0.00	0.06	3.06	3.12	0.524
ROTORY CHOPPER	126	12.0	3900.	15.	40.	7.07	5.55	1.32	13.94	0.00	0.01	0.53	0.54	1.203
FARM SHOP	2		12024.	35.		3.86	7.13	1.69	12.69	1.50		0.06	1.57	
SHOP TOOLS&EQUIP	4		3507.	15.		2.05	2.46	0.49	5.00	0.00		0.06	0.06	
STORAGE SHED	8		7515.	35.		2.42	4.46	1.06	7.93	0.00		0.01	0.01	
FUELTANK 550 GAL	18		134.	30.		0.02	0.12	0.02	0.16	0.00		0.00	0.00	

TOTAL INVESTMENT OR COST 157428.  
 MACHINERY & EQUIPMENT 1968.  
 INVESTMENT PER ACRE

48 TREES/ACRE  
 YIELD: 2 TONS/ACRE  
 TYPICAL CULTURAL PRACTICES REPRESENTED

DATE: 06/27/78

SAMPLE COSTS TO PRODUCE WALNUTS  
GLENN COUNTY - 1977  
LANDOWNER BASIS

kemp

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, FIXED LUB., REP. COSTS	
						PER ACRE	PER ACRE
SPD SPYR 300 GAL	4, 91	MAR	1.00	0.158	0.131	1.10	3.66
ROTARY CHOPPER	4,126	MAR	1.00	0.208	0.172	0.50	2.97
PICKUP 1/2 TON	14	MAR	1.00	0.060	0.050	0.16	0.15
WD SPYR 200 GAL	3, 88	MAR	1.00	0.193	0.160	0.41	1.11
SPD SPYR 300 GAL	4, 91	APR	2.00	0.317	0.262	2.21	7.32
ROTARY CHOPPER	4,126	APR	1.00	0.208	0.172	0.50	2.97
PICKUP 1/2 TON	14	APR	1.00	0.060	0.050	0.16	0.15
FERTILIZER APLIC	3, 85	MAY	1.00	0.378	0.313	0.83	1.60
ROTARY CHOPPER	4,126	MAY	1.00	0.208	0.172	0.50	2.97
PICKUP 1/2 TON	14	MAY	1.00	0.060	0.050	0.16	0.15
WD SPYR 200 GAL	3, 88	MAY	1.00	0.193	0.160	0.41	1.11
ROTARY CHOPPER	4,126	JUNE	1.00	0.208	0.172	0.50	2.97
PICKUP 1/2 TON	14	JUNE	1.00	0.060	0.050	0.16	0.15
SPD SPYR 300 GAL	4, 91	JULY	1.00	0.158	0.131	1.10	3.66
ROTARY CHOPPER	4,126	JULY	1.00	0.208	0.172	0.50	2.97
PICKUP 1/2 TON	14	JULY	1.00	0.060	0.050	0.16	0.15
WD SPYR 200 GAL	3, 88	JULY	1.00	0.193	0.160	0.41	1.11
ROTARY CHOPPER	4,126	AUG	1.00	0.208	0.172	0.50	2.97
PICKUP 1/2 TON	14	AUG	1.00	0.060	0.050	0.16	0.15
ROTARY CHOPPER	4,126	SEPT	1.00	0.208	0.172	0.50	2.97
PICKUP 1/2 TON	14	SEPT	2.00	0.120	0.100	0.33	0.30
WD SPYR 200 GAL	3, 88	SEPT	1.00	0.193	0.160	0.41	1.11
FERTILIZER APLIC	3, 85	OCT	1.00	0.378	0.313	0.83	1.60
NUT SHAKER*	31	OCT	2.00	0.000	4.000	11.91	32.38
FRUIT-NUT RAKE*	30	OCT	2.00	0.000	3.333	22.48	29.23
FRUIT-NUT PKUP*	28	OCT	2.00	2.400	2.000	11.14	16.86
LGE NUT CART	3, 42	OCT	1.00	0.148	0.122	0.27	0.52
PICKUP 1/2 TON	14	OCT	1.00	0.060	0.050	0.16	0.15
TOTALS				6.708	12.897	58.51	123.36

48 TREES/ACRE

YIELD: 2 TONS/ACRE

TYPICAL CULTURAL PRACTICES REPRESENTED

DATE:

06/27/78

BUDGET IDENTIFICATION NUMBER--- 263110000 712 1

ANNUAL CAPITAL MONTH 10

BUDGET RECORD NUMBER 306

BUDGET IDENTIFICATION NUMBER 2631100000 712 1  
 HARVEST OR SALE MONTH 10

BUDGET RECORD NUMBER 306

SAMPLE COSTS TO PRODUCE WALNUTS  
 GLENN COUNTY - 1977  
 LANDOWNER BASIS

*Kamp*

COSTS AND RETURNS WILL BE  
 DIVIDED BY 2.0 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
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
PRODUCTION	NUMBER OF UNITS																	
1 WALNUTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	*****	0.000	3.	63.	2.	0.
OPERATING INPUTS	RATE/UNIT																	
													PRICE	SHARE	UNIT	ITEM	TYPE	HARV
														RENT	CODE	CODE		CODE
6 PRUNING	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.000	0.000	7.	340.	3.	0.
7 BRUSH REMOVAL	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.440	0.000	7.	313.	3.	0.
8 NITROGEN	0.00	0.00	0.00	0.00	125.00	0.00	0.00	0.00	0.00	125.00	0.00	0.00	0.300	0.000	12.	211.	3.	0.
9 INSECTICIDE	0.00	0.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.040	0.000	5.	240.	3.	0.
11 HERBICIDE	0.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	30.00	0.00	0.00	0.00	0.068	0.000	5.	250.	3.	0.
13 HULLING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	33.400	0.000	3.	346.	3.	9.
14 BLIGHT CONTROL.	0.00	0.00	200.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.030	0.000	5.	242.	3.	0.
MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												M CREW	POWER	MACH	TYPE	HARV	
													LABOR	UNIT	CODE		CODE	
26 SPD SPYR 300 GAL	0.00	0.00	1.00	2.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	91.	4.	0.
27 FERTILIZER APLIC	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.000	0.000	3.	85.	4.	0.
28 NUT SHAKER*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.000	0.000	0.	31.	4.	9.
29 FRUIT-NUT RAKE*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.000	0.000	0.	30.	4.	9.
30 FRUIT-NUT PKUP*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.000	0.000	0.	28.	4.	9.
31 LGE NUT CART	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.	42.	4.	9.
32 ROTORY CHOPPER	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.000	0.000	4.	126.	4.	0.
33 PICKUP 1/2 TON	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	1.00	0.00	0.00	0.000	0.000	0.	14.	4.	0.
34 WD SPYR 200 GAL	0.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.000	0.000	3.	88.	4.	0.
													SHARE	SHARE	POWER	SYSTM		
													FIXED %	VAR %	UNIT	CODE	LIFT	
49 ACIN IRRIG WATER	0.00	0.00	0.00	0.00	6.00	12.00	12.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	21.	53.	80.
50 NO. TIMES IRRIG	0.00	0.00	0.00	0.00	2.00	3.00	3.00	2.00	1.00	0.00	0.00	0.00						
EQUIPMENT REQUIREMENTS													NUMBER	PROPERT	XXX	EQUIP	TYPE	XXXX
													UNITS	OF COST		CODE		
51 FARM SHOP													1.000	0.334	0.	2.	5.	0.
52 SHOP TOOLS&EQUIP													1.000	0.334	0.	4.	5.	0.
53 STORAGE SHED													1.000	0.334	0.	8.	5.	0.
54 FUEL TANK 550 GAL													1.000	0.334	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.	80.00		2500.00	50.00	40.0	2200.00											
48 TREES/ACRE											MACHINERY COMPLEMENT		7					
YIELD: 2 TONS/ACRE											EQUIPMENT COMPLEMENT		1					
TYPICAL CULTURAL PRACTICES REPRESENTED											DATE:	06/27/78						

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

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