

*Non-tilled*

*Almonds #3*

**COST & RETURNS SUMMARY FOR ALMONDS**  
**COST OF PRODUCTION-ALMONDS BY DAVID A HOLMBERG, FARM ADVISOR**  
**YOLO COUNTY-1979**  
**200 ACRES**

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
ALMONDS	LBS.	1.300	1000.000	1300.00	
TOTAL RECEIPTS:				1300.00	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
PRUNING	HOUR	3.940	7.000	27.58	
DORMANT SPRAY	ACRE	42.090	1.000	42.09	
POST BLOOM SPRAY	ACRE	9.000	1.000	9.00	
GROWNG SEAS SPRY	ACRE	55.730	1.000	55.73	
NITROGEN	LBS.	0.200	150.000	30.00	
RENT FUEL INJECT	ACRE	1.500	1.000	1.50	
POLLINATION	ACRE	15.000	1.000	15.00	
HAND HOEING	HOUR	3.940	4.000	15.76	
HERBICIDE	ACRE	20.010	1.000	20.01	
MISCL EXPENSE	ACRE	4.330	1.000	4.33	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			17.49	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			3.75	
IRRIGATION (POWER-LUBE-REP)	ACIM	1.792	30.000	53.76	
MACHINERY LABOR	HOUR	4.740	5.745	27.23	
IRRIGATION LABOR	HOUR	3.990	7.500	29.93	
INTEREST ON OPERATING CAP.	DOL.	0.09000	177.933	15.77	
TOTAL PREHARVEST COSTS:				368.92	
PREHARVEST COST PER LBS.				0.3689	
<b>HARVEST:</b>					
CUSTOM HARVEST	ACRE	73.700	1.000	23.20	
TOTAL HARVEST COSTS:				73.70	
HARVEST COST PER LBS.				0.0732	
TOTAL VARIABLE COSTS:				442.62	
VARIABLE COST PER LBS.				0.4426	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
INCOME PER LBS.				857.38	
<b>4. OVERHEAD:</b>					
PERSONAL PROPERTY TAXES:				8.43	
INSURANCE:				20.52	
SHARE RENT:				429.00	
MISC. OFFICE & BOOKKEEPING ( 11.00% OF TOTAL VARIABLE COSTS)				48.69	
MANAGEMENT ( 5.00% OF GROSS RECEIPTS)				65.00	
TOTAL OVERHEAD:				571.64	
OVERHEAD COST PER LBS.				0.5716	
TOTAL CASH COSTS:				1014.26	
TOTAL CASH COST PER LBS.				1.0143	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>					
INCOME PER LBS.				285.74	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			27.33	
TOTAL DEPRECIATION:				27.33	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY & EQUIPMENT		0.09000	217.540	19.58	
TOTAL INTEREST CHARGE:				19.58	
TOTAL FIXED COSTS:				46.91	
FIXED COST PER LBS.				0.0469	
<b>7. TOTAL OF ABOVE COSTS:</b>					
TOTAL COST PER LBS.				1061.17	
<b>8. NET RETURNS:</b>					
NET RETURNS PER LBS.				238.83	

NONTILLAGE-SHARE OPERATION  
 HOSE DRAG SPRINKLERS 1800# IN SHELL  
 GROUNDWATER-125' LIFT 1000# HEATS  
 DATE PRINTED: 01/21/81

HARVEST MONTH: 9

UPDATED 1/21/81  
 BUDGET RECORD NUMBER 395

*1980 default data*

CASH FLOW & INVESTMENT SUMMARY FOR ALMONDS  
 COST OF PRODUCTION-ALMONDS BY DAVID A HOLMBERG, FARM ADVISOR  
 YOLO COUNTY-1979  
 200 ACRES

BUDGET RECORD NUMBER 395

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	1300.00	0.00	0.00	0.00	1300.00
OPERATING EXPENSES															
PRUNING	\$/AC	15.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.82	27.58
DORMANT SPRAY	\$/AC	42.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.09
POST BLOOM SPRAY	\$/AC	0.00	0.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00
GROWNG SEAS SPRY	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.73	0.00	0.00	0.00	0.00	0.00	55.73
NITROGEN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	0.00	0.00	30.00
RENT FUEL INJECT	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	1.50
POLLINATION	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00	0.00	15.00
HAND HOEING	\$/AC	0.00	0.00	0.00	0.00	7.88	7.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.76
CUSTOM HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73.70	0.00	0.00	0.00	0.00	73.70
HERBICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.01	0.00	0.00	20.01
MISCL EXPENSE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	4.33	0.00	0.00	0.00	0.00	0.00	0.00	4.33
MACHINE LABOR COST	\$/AC	7.77	1.46	3.03	1.46	1.46	1.46	3.17	3.65	0.14	0.14	3.51	0.00	0.00	27.23
INTEREST ON OPER. CAP.	\$/AC	4.17	0.15	0.66	0.72	0.80	0.60	1.20	0.04	0.00	1.40	4.24	1.79	0.00	15.77
TRACTOR COST	\$/AC	4.41	1.15	2.52	1.15	1.15	1.15	2.52	1.80	0.00	0.00	1.66	0.00	0.00	17.49
EQUIPMENT COST	\$/AC	0.45	0.34	0.38	0.34	0.34	0.34	0.50	0.54	0.11	0.11	0.28	0.00	0.00	3.75
IRRIGATION COST	\$/AC	0.00	0.00	0.00	10.75	10.75	10.75	10.75	0.00	0.00	10.75	0.00	0.00	0.00	53.76
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	5.99	5.99	5.99	5.99	0.00	0.00	5.99	0.00	0.00	0.00	29.93
TOTAL EXPENSES	\$/AC	74.65	3.10	15.58	20.40	28.36	28.16	84.18	6.03	73.95	18.39	61.20	28.61	442.62	

MONTHLY IRRIGATION AND LABOR REQUIREMENTS															
MACHINE LABOR	HR/AC	1.64	0.31	0.64	0.31	0.31	0.31	0.67	0.77	0.03	0.03	0.74	0.00	0.00	5.74
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	1.50	1.50	1.50	1.50	0.00	0.00	1.50	0.00	0.00	0.00	7.50
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	6.00	6.00	6.00	6.00	0.00	0.00	6.00	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 \$/INS	TOTAL	FUEL	LUBE	REPAIRS	TOTAL		
TRACTOR 35 HP	3	35.0	9960.	10.	470.	3.62	3.00	2.89	9.50	4.46	0.67	1.38	6.50	2.425	
TRACTOR 80 HP	5	80.0	20760.	10.	470.	7.52	6.22	5.99	19.73	7.07	1.06	2.86	10.99	2.415	
PICKUP 1/2 TON	14	0.5	9000.	6.	480.	0.78	0.38	0.37	1.53	1.23	0.18	0.16	1.57	0.350	
IRR PUMP 125 HP*	24	3.0	0.	25.	2133.	0.00	0.00	0.00	0.00	37.41	0.56	1.50	39.47	15.000	
HOSE DRAG SYST*	55	2.0	0.	10.	5000.	0.00	0.00	0.00	0.00	0.00	0.28	14.01	14.29	15.000	
SADDLE TANKS	85	10.0	960.	5.	95.	0.44	0.19	0.18	0.80	0.00	0.00	0.06	0.06	0.313	
WO SPRYR 500 GAL	89	15.0	1700.	5.	80.	2.35	1.04	0.99	4.39	0.00	0.00	0.13	0.13	0.821	
FLOAT	105	5.0	4440.	15.	45.	3.63	2.97	3.08	9.69	0.00	0.01	0.42	0.43	0.611	
BRUSH SHREDDER	126	12.0	4680.	10.	60.	8.83	5.68	5.70	20.21	0.00	0.03	1.34	1.37	1.375	
BRUSH RAKE	128	8.0	605.	10.	320.	0.16	0.10	0.10	0.37	0.00	0.00	0.18	0.19	1.031	
MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE			261.			27.33	19.58	19.30	66.21	50.16	2.80	22.03	74.99		
TOTAL INVESTMENT			52105.												

NONTILLAGE-SHARE OPERATION  
 HOSE DRAG SPRINKLERS 1800# IN SHELL  
 GROUNDWATER-125' LIFT 1000# HEATS

UPDATED 1/21/51

MACHINERY OPERATIONS SUMMARY  
 COST OF PRODUCTION-ALMONDS BY DAVID M HOLMBERG, FARM ADVISOR  
 YOLO COUNTY-1979  
 200 ACRES

BUDGET RECORD NUMBER 395

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOUR S	MACHINE HOUR S	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP 1/2 TON		14 OCT	0.50	0.030	0.025	0.11	0.11
TRACTOR 35 HP		3 NOV	0.25	0.300	0.250	0.67	0.98
SADDLE TANKS	3,	85 NOV	1.00	0.378	0.313	0.98	2.15
PICKUP 1/2 TON		14 NOV	1.00	0.060	0.050	0.22	0.22
BRUSH RAKE	3,128	JAN	1.00	1.248	1.031	3.23	4.81
WD SPRYR 500 GAL	5,	89 JAN	1.00	0.331	0.274	1.41	3.92
PICKUP 1/2 TON		14 JAN	1.00	0.060	0.050	0.22	0.22
BRUSH SHREDDER	5,126	FEB	1.00	0.277	0.229	1.38	5.43
PICKUP 1/2 TON		14 FEB	0.50	0.030	0.025	0.11	0.11
WD SPRYR 500 GAL	5,	89 MAR	1.00	0.331	0.274	1.41	3.92
BRUSH SHREDDER	5,126	MAR	1.00	0.277	0.229	1.38	5.43
PICKUP 1/2 TON		14 MAR	0.50	0.030	0.025	0.11	0.11
BRUSH SHREDDER	5,126	APR	1.00	0.277	0.229	1.38	5.43
PICKUP 1/2 TON		14 APR	0.50	0.030	0.025	0.11	0.11
BRUSH SHREDDER	5,126	MAY	1.00	0.277	0.229	1.38	5.43
PICKUP 1/2 TON		14 MAY	0.50	0.030	0.025	0.11	0.11
BRUSH SHREDDER	5,126	JUNE	1.00	0.277	0.229	1.38	5.43
PICKUP 1/2 TON		14 JUNE	0.50	0.030	0.025	0.11	0.11
WD SPRYR 500 GAL	5,	89 JULY	1.00	0.331	0.274	1.41	3.92
BRUSH SHREDDER	5,126	JULY	1.00	0.277	0.229	1.38	5.43
PICKUP 1/2 TON		14 JULY	1.00	0.060	0.050	0.22	0.22
FLOAT	3,105	AUG	1.00	0.739	0.611	2.23	12.33
PICKUP 1/2 TON		14 AUG	0.50	0.030	0.025	0.11	0.11
PICKUP 1/2 TON		14 SEPT	0.50	0.030	0.025	0.11	0.11

TOTALS  
 NORTILLAGE-SHARE OPERATION  
 HOSE DRAG SPRINKLERS 1800# IN SHELL  
 GROUNDWATER-125' LIFT 1000# MEATS

5.742 4.751 21.17 66.12

UPDATED 1/21/81

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 395  
 COST OF PRODUCTION-ALMONDS BY DAVID M HOLBERG, FARA ADVISOR  
 YOLO COUNTY-1979  
 200 ACRES

FUEL USED IN GALLONS PER HOUR

TRACTOR 35 HP	2.100	
TRACTOR 80 HP	3.840	
PICKUP 1/2 TON	4.000	
IRR PUMP 125 HP*	32.821	(KWHR)

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED	MACHINE	GALLONS	POWER UNIT
	PICKUP 1/2 TON	0.200	
	BRUSH RAKE	2.382	
	WD SPRYR 500 GAL	1.156	
	SADDLE TANKS	0.722	
	BRUSH SHREDDER	0.968	
	FLOAT	1.412	
	HOSE DRAG SYST*	492.308	(KWHR)
			TRACTOR 35 HP
			TRACTOR 80 HP
			TRACTOR 35 HP
			TRACTOR 80 HP
			TRACTOR 35 HP
			IRR PUMP 125 HP*

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
BRUSH RAKE	2.382	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.382	GAS
WD SPRYR 500 GAL	1.156	0.000	1.156	0.000	0.000	0.000	1.156	0.000	0.000	0.000	0.000	0.000	3.467	DIESEL
TRACTOR 35 HP	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.525	0.000	0.525	GAS
SADDLE TANKS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.722	0.000	0.722	GAS
BRUSH SHREDDER	0.000	0.968	0.968	0.968	0.968	0.968	0.968	0.000	0.000	0.000	0.000	0.000	5.808	DIESEL
FLOAT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.412	0.000	0.000	0.000	0.000	1.412	GAS
PICKUP 1/2 TON	0.200	0.100	0.100	0.100	0.100	0.100	0.200	0.100	0.100	0.100	0.200	0.000	1.400	GAS
HOSE DRAG SYST*	0.000	0.000	0.000	98.462	98.462	98.462	98.462	0.000	0.000	98.462	0.000	0.000	492.308	KWH
TOTALS	3.738	1.068	2.224	99.530	99.530	99.530	100.785	1.512	0.100	98.562	1.447	0.000	15.716	

GALLONS FUEL BY TYPE

3.47 GAS  
 0.00 LP  
 9.28 DIESEL  
 0.00 N. GAS  
 492.31 KWHR

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

*Updated 1/2/81*

STORED DATA PAGE (NO CALCULATIONS) FOR ALMONDS

BUDGET RECORD NUMBER 395

COST OF PRODUCTION-ALMONDS BY DAVID A HOLBERG, FARM ADVISOR  
 YOLO COUNTY-1979  
 200 ACRES

COSTS AND RETURNS WILL BE  
 DIVIDED BY 1000.0 LBS.  
 TO OBTAIN PER LBS. COSTS

LINE PRODUCTION	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
1 ALMONDS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.300	0.330	12.	35.	2.	0.

OPERATING INPUTS	RATE/UNIT												PRICE	SHARE RENT	UNIT CODE	ITEM CODE	TYPE	HARV CODE	
6 PRUNING	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.940	0.000	8.	340.	3.	0.
7 DORMANT SPRAY	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.090	0.000	7.	274.	3.	0.
8 POST BLOOM SPRAY	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.000	0.000	7.	276.	3.	0.
9 GROWNG SEAS SPRY	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	55.730	0.000	7.	275.	3.	0.
10 NITROGEN	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	150.00	0.000	12.	211.	3.	0.
11 RENT FUEL INJECT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.500	0.000	7.	356.	3.	0.	
12 POLLINATION	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	15.000	0.000	7.	350.	3.	0.	
13 HAND HOEING	0.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	3.940	0.000	8.	335.	3.	0.	
14 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	73.700	0.000	7.	304.	3.	9.	
15 HERBICIDE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	20.010	0.000	7.	250.	3.	0.	
16 MISCL EXPENSE	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	4.330	0.000	7.	400.	3.	0.	

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW	LABOR	POWER UNIT	MACH CODE	TYPE	HARV CODE
26 BRUSH RAKE	1.00	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.	128.	4.	0.
27 WD SPRYR 500 GAL	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	5.	89.	4.	0.
28 TRACTOR 35 HP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.000	0.000	0.	3.	4.	0.
29 SADDLE TANKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.000	0.000	3.	85.	4.	0.
30 BRUSH SHREDDER	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	5.	126.	4.	0.
31 FLOAT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.000	0.000	3.	105.	4.	0.
32 PICKUP 1/2 TON	1.00	0.50	0.50	0.50	0.50	0.50	1.00	0.50	0.50	0.50	1.00	0.00	0.000	0.000	0.	14.	4.	0.
33 IRRIG WATER	0.00	0.00	0.00	6.00	6.00	6.00	6.00	0.00	0.00	6.00	0.00	0.00	1.00	0.00	24.	55.	125.	
50 NO. TIMES IRRIG	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00						

EQUIPMENT REQUIREMENTS	NUMBER UNITS												PROPORT OF COST	XXX EQUIP CODE	TYPE	XXXX	
NONE STORED WITH BUDGET																	
COLUMNS --->	2	3	4	5	6	7	8										
LAND REQUIREMENTS	CHARGE METHOD		NUMBER OF ACRES	VALUE OR COST/ACRE	TAXES PER ACRE	PERENNIAL CROPS YRS LIFE	COST/ACRE										
71	3.		200.00	0.00	0.00	0.0	0.00										
ENTERPRISE 2-35 REGION/COUNTY 57	UNASSIGNED	00000	MACH COMP	8	IRIG SYST	7	UNASSIGNED	0	EQUIP SET	1	HARVEST MONTH	9					

NONTILLAGE-SHARE OPERATION  
 NOSE DRAG SPRINKLERS 1800# IN SHELL  
 GROUNDWATER-125' LIFT 1000# HEATS

UPDATED 1/21/81  
 MACHINERY COMPLEMENT 8  
 EQUIPMENT COMPLEMENT 1

LINE CHANGE	GENERAL NAME CHANGE->	LINE CHANGE	MACHRY NAME CHANGE->	LINE CHANGE	LINE CHANGE	LINE CHANGE
276	POST BLOOM SPRAY	356	RENT FUEL INJECT			
85	SADDLE TANKS					
RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL
2.	8.000000	3.	605.000000	10.	10.000000	13.
1700.000000					605.000000	89. 3.
1700.000000						1700.000000
1.	0.875000	3.	0.762000	6.	0.090000	7.
11.	3.940000	12.	3.990000	15.	0.050000	17.
27.	0.050000	28.	0.110000		0.050000	18.
					0.095000	8.
					1.500000	26.
						10.
						4.740000
						0.090000

1980 default data