

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

AM-SV-79

Almonds #3

	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	
GROWING 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)	ACIN	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	15.27	
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.				0.0737	
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.				238.93	

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

BUDGET RECORD NUMBER 395

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

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	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	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	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	9.00
GROWING SEAS SPRY	\$/AC	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	30.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE														
MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	FIXED COST PER ACRE					VARIABLE COST PER ACRE				HRS PER ACRE
					ANN HOURS USED	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
WD 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	4660.	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.								

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

UC Cooperative Extension  
 UPDATED 1/21/81

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

BUDGET RECORD NUMBER 395

OPERATION	ITEM NO.	DATE	TIRES OVER	LABOR HOUR S	MACHINE HOURS	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

5.742 4.751 21.17 66.12

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

UPDATED 1/21/81

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 395  
 COST OF PRODUCTION-ALMONDS BY DAVID A HOLMBERG, FARM 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 $\frac{3}{4}$  32.821 (KWHRS)

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 1/2 TON	0.200	
BRUSH RAKE	2.382	TRACTOR 35 HP
WD SPRYR 500 GAL	1.156	TRACTOR 80 HP
SADDLE TANKS	0.722	TRACTOR 35 HP
BRUSH SHREDDER	0.968	TRACTOR 80 HP
FLOAT	1.412	TRACTOR 35 HP
HOSE DRAG SYST $\frac{3}{4}$	492.308 (KWHRS)	IRR PUMP 125 HP $\frac{3}{4}$

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 $\frac{3}{4}$	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

0.44 GAS  
 0.00 LP  
 9.28 DIESEL  
 0.00 N. GAS  
 492.31 KWHRS

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

*Updated 1/21/81*

STORED DATA PAGE (NO CALCULATIONS) FOR ALMONDS

BUDGET RECORD NUMBER 395

COST OF PRODUCTION-ALMONDS BY DAVID A HOLMBERG, 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	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 RENT	UNIT CODE	ITEM CODE	TYPE	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	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	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	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	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	150.00	0.00	0.200	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												M CREW	POWER	MACH	TYPE	HARV	
													LABOR	UNIT	CODE		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 LOAD	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.
													SHARE	SHARE	POWER	SYSA		
													FIXED	VAR	UNIT	CODE	LIFT	
49 ACIN 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												PROPERT 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  
 HOSE DRAG SPRINKLERS 1800# IN SHELL  
 GROUNDWATER-125' LIFT 1000# MEATS

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

GENERAL NAME CHANGE->	LINE CHANGE	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL
POST BLOOM SPRAY	356	8.000000	2.	605.000000	3.	10.000000	13.	605.000000	89.	1700.000000	89.	10.	5.000000
RENT FUEL INJECT													
SADDLE TANKS													
PARAMETER CHGS->													
1.		0.875000	3.	0.762000	6.	0.090000	7.	0.050000	8.	0.095000	10.	4.740000	
11.		3.940000	12.	3.990000	15.	0.050000	17.	0.095000	18.	1.500000	26.	0.090000	
27.		0.050000	28.	0.110000									

1980 default data