

COST & RETURNS SUMMARY FOR PRUNES
 SAMPLE COSTS TO PRODUCE PRUNES BY W. SEYMAN
 SANTA CLARA COUNTY 1980 D. DOUGLAS
 YIELD: 1.5 TON/ACRE DRY 4.5 TON/ACRE GREEN (2 PICKINGS)

PU-CC-80

*** TEMPORARY BUDGET ***

Prunes #275

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
PRUNES	TON	730.000	1.500	1095.00	
TOTAL RECEIPTS:				1095.00	
2. VARIABLE COSTS:					
PREHARVEST:					
AMMONIUM SULPHAT	TON	150.000	0.250	37.50	
PRUNING	HOURL	7.300	15.000	109.50	
SUCKER CONTROL	HOURL	7.300	11.250	82.13	
DORMANT SPRAY	ACRE	12.500	1.000	12.50	
OIL&PHOSPHATE	GAL.	2.800	5.000	14.00	
GROWNG SEAS SPRY	ACRE	12.500	2.000	25.00	
INSECTICIDE	LBS.	0.730	6.000	4.38	
MITICIDE	ACRE	14.750	0.330	4.87	
PROP TREES	HOURL	7.300	0.900	6.57	
IRRIG PUMP TAX	ACIN	1.750	20.000	35.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			19.44	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			13.80	
MACHINERY LABOR	HOURL	7.300	6.250	45.62	
IRRIGATION LABOR	HOURL	7.300	8.000	58.40	
INTEREST ON OPERATING CAP.	DOL.	0.14000	291.332	39.96	
TOTAL PREHARVEST COSTS:				508.68	
PREHARVEST COST PER TON				339.1171	
HARVEST:					
PRUNE, PROP, ETC	HOURL	7.300	2.500	18.25	
SUPERVISION	TON	1.000	4.500	4.50	
CUSTOM HARVEST	TON	30.000	4.500	135.00	
CUSTOM HAULING	TON	2.000	4.500	9.00	
CUSTOM DRYING	TON	40.000	4.500	180.00	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			50.29	
MACHINERY LABOR	HOURL	7.300	12.800	93.44	
INTEREST ON OPERATING CAP.	DOL.	0.14000	61.614	8.63	
TOTAL HARVEST COSTS:				499.11	
HARVEST COST PER TON				332.7385	
TOTAL VARIABLE COSTS:				1007.78	
VARIABLE COST PER TON				671.8555	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER TON				87.22	
				58.1445	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				48.13	
CASH RENT:				250.00	
TOTAL OVERHEAD:				298.13	
OVERHEAD COST PER TON				198.7564	
TOTAL CASH COSTS:				1305.92	
TOTAL CASH COST PER TON				870.6119	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER TON				-210.92	
				-140.6119	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			139.88	
TOTAL DEPRECIATION:				139.88	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.14000	1241.467	173.81	
TOTAL INTEREST CHARGE:				173.81	
TOTAL FIXED COSTS:				313.68	
FIXED COST PER TON				209.1206	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER TON				1619.60	
				1079.7326	
8. NET RETURNS:					
NET RETURNS PER TON				-524.60	
				-349.7326	

40 ACRES PRUNES ON 80 ACRE ORCHARD
 PLANTING: 90 TREES/ACRE 22' CENTERS
 HANDMOVE SPRINKLER IRRIGATION: 20 ACIN/YR
 DATE PRINTED: 02/13/81 HARVEST MONTH: 9

Updated 02/06/81
 BUDGET RECORD NUMBER 275

1980 default data



CASH FLOW & INVESTMENT SUMMARY FOR PRUNES

SAMPLE COSTS TO PRODUCE PRUNES

BY W. SEYMAN

*** TEMPORARY BUDGET ***

BUDGET RECORD NUMBER 275

SANTA CLARA COUNTY

1980

D. DOUGLAS

YIELD: 1.5 TON/ACRE DRY 4.5 TON/ACRE GREEN (2 PICKINGS)

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	0.00	0.00	547.50	547.50	0.00	0.00	0.00	1095.00
OPERATING EXPENSES														
PRUNE, PROP, ETC	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.25	0.00	0.00	18.25
AMMONIUM SULPHAT	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.50	0.00	0.00	37.50
PRUNING	\$/AC	21.90	21.90	21.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.90	21.90	109.50
SUCKER CONTROL	\$/AC	16.43	16.43	16.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.43	16.43	82.13
DORMANT SPRAY	\$/AC	12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.50
OIL & PHOSPHATE	\$/AC	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00
GROWING SEAS SPRY	\$/AC	0.00	0.00	0.00	12.50	0.00	12.50	0.00	0.00	0.00	0.00	0.00	0.00	25.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	4.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.38
MITTICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	4.87	0.00	0.00	0.00	0.00	0.00	0.00	4.87
PROP TREES	\$/AC	0.00	0.00	0.00	0.00	0.00	6.57	0.00	0.00	0.00	0.00	0.00	0.00	6.57
IRRIG PUMP TAX	\$/AC	0.00	0.00	0.00	8.75	0.00	8.75	0.00	0.00	0.00	17.50	0.00	0.00	35.00
SUPERVISION	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.25	2.25	0.00	0.00	0.00	4.50
CUSTOM HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.50	67.50	0.00	0.00	0.00	135.00
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.50	4.50	0.00	0.00	0.00	9.00
CUSTOM DRYING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00	90.00	0.00	0.00	0.00	180.00
MACHINE LABOR COST	\$/AC	0.00	0.00	14.72	9.81	0.00	17.45	0.00	39.42	39.42	18.24	0.00	0.00	139.06
INTEREST ON OPER. CAP.	\$/AC	5.92	3.04	4.41	3.42	0.00	2.63	0.00	2.59	0.00	18.21	4.42	3.96	48.59
TRACTOR COST	\$/AC	0.00	0.00	6.23	4.15	0.00	7.41	0.00	0.00	0.00	1.65	0.00	0.00	19.44
EQUIPMENT COST	\$/AC	0.00	0.00	5.84	3.89	0.00	3.90	0.00	18.04	18.04	14.38	0.00	0.00	64.09
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	14.60	0.00	14.60	0.00	0.00	0.00	29.20	0.00	0.00	58.40
TOTAL EXPENSES	\$/AC	70.74	41.37	69.53	64.36	0.00	81.52	0.00	224.30	221.71	160.62	42.75	42.28	1007.78



MONTHLY IRRIGATION AND LABOR REQUIREMENTS

MACHINE LABOR	HR/AC	0.00	0.00	2.02	1.34	0.00	2.39	0.00	5.40	5.40	2.50	0.00	0.00	19.05
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	2.00	0.00	2.00	0.00	0.00	0.00	4.00	0.00	0.00	8.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	5.00	0.00	5.00	0.00	0.00	0.00	10.00	0.00	0.00	20.00

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.	15.	300.	1.00	1.57	0.42	2.99	1.42	0.21	0.41	2.05	0.564
CRAWLER 40 HP	9	40.0	34200.	15.	200.	46.99	73.19	19.69	139.87	11.01	1.65	4.74	17.39	5.118
IRR PUMP 30 HP*	21	1.0	0.	25.	6400.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.000
FRUIT-NUT RAKE*	30	0.6	15600.	10.	215.	10.10	9.86	2.72	22.68	1.50	0.22	12.48	14.21	1.667
FRUIT SHAKER	31	0.5	14400.	10.	215.	50.33	49.16	13.56	113.05	8.10	1.22	26.77	36.08	9.000
IRR PIPE TRAILER	43	5.0	860.	10.	225.	0.06	0.06	0.02	0.14	0.00	0.00	0.02	0.02	0.200
HANDMOVE SPRINK*	54	2.0	0.	10.	5000.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.000
ROLLER	74	12.0	2400.	15.	45.	8.59	10.94	3.21	22.74	0.00	0.01	0.69	0.70	2.674
ROLLER	75	12.0	0.	15.	45.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.764
DISC-HYD OFFSET	79	9.0	7200.	15.	75.	22.50	28.64	8.40	59.54	0.00	0.25	12.67	12.93	3.889
DRY FERT APPLIC.	85	10.0	960.	15.	60.	0.30	0.38	0.11	0.80	0.00	0.00	0.16	0.16	0.313

MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE

2140.

139.88 173.81

48.13 361.82

22.03

3.57

57.93

83.54

TOTAL INVESTMENT

85580.

40 ACRES PRUNES ON 80 ACRE ORCHARD
 PLANTING: 90 TREES/ACRE 22' CENTERS
 HANDMOVE SPRINKLER IRRIGATION: 20 ACIN/YR
 DATE PRINTED: 02/13/81

updated 02/06/81

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 275
 SAMPLE COSTS TO PRODUCE PRUNES BY W. SEYMAN
 SANTA CLARA COUNTY 1980 D. DOUGLAS
 YIELD: 1.5 TON/ACRE DRY 4.5 TON/ACRE GREEN (2 PICKINGS)

*** TEMPORARY BUDGET ***

FUEL USED IN GALLONS PER HOUR

TRACTOR 35 HP	2.100	
CRAWLER 40 HP	2.240	
IRR PUMP 30 HP*	7.877	(KWHRS)
FRUIT-NUT RAKE*	0.750	
FRUIT SHAKER	0.750	

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
FRUIT-NUT RAKE*	1.250	
FRUIT SHAKER	1.500	
IRR PIPE TRAILER	0.462	TRACTOR 35 HP
DRY FERT APPLIC.	0.722	TRACTOR 35 HP
DISC-HYD OFFSET	1.369	CRAWLER 40 HP
ROLLER	0.000	CRAWLER 40 HP
ROLLER	0.941	CRAWLER 40 HP
HANDROVE SPRINK*	78.769 (KWHRS)	IRR PUMP 30 HP*

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
IRR PIPE TRAILER	0.000	0.000	0.000	0.000	0.000	0.231	0.000	0.000	0.000	0.231	0.000	0.000	0.462	GAS
DRY FERT APPLIC.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.722	0.000	0.000	0.722	GAS
DISC-HYD OFFSET	0.000	0.000	4.107	2.738	0.000	2.738	0.000	0.000	0.000	0.000	0.000	0.000	9.582	DIESEL
ROLLER	0.000	0.000	2.823	1.882	0.000	1.882	0.000	0.000	0.000	0.000	0.000	0.000	6.588	DIESEL
ROLLER	0.000	0.000	0.000	0.000	0.000	1.882	0.000	0.000	0.000	0.000	0.000	0.000	1.882	DIESEL
FRUIT SHAKER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.375	3.375	0.000	0.000	0.000	6.750	GAS
FRUIT-NUT RAKE*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.250	0.000	0.000	1.250	GAS
HANDROVE SPRINK*	0.000	0.000	0.000	19.692	0.000	19.692	0.000	0.000	0.000	39.385	0.000	0.000	78.769	KWH
TOTALS	0.000	0.000	6.930	24.312	0.000	26.426	0.000	3.375	3.375	41.587	0.000	0.000	27.236	

GALLONS FUEL BY TYPE

7.18 GAS
 9.00 LP
 18.05 DIESEL
 0.00 N. GAS
 78.77 KWHRS

40 ACRES PRUNES ON 80 ACRE ORCHARD
 PLANTING: 90 TREES/ACRE 22' CENTERS
 HANDROVE SPRINKLER IRRIGATION: 20 ACIN/YR
 DATE PRINTED: 02/13/81

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

Updated 02/06/81

MACHINERY OPERATIONS SUMMARY BY W. SEYMAN BUDGET RECORD NUMBER 275
 SAMPLE COSTS TO PRODUCE PRUNES BY W. SEYMAN
 SANTA CLARA COUNTY 1980 D. DOUGLAS
 YIELD: 1.5 TON/ACRE DRY 4.5 TON/ACRE GREEN (2 PICKINGS)

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOUR S	MACHINE HOUR S	FUEL, OIL, LUB., PER ACRE	FIXED REP. COSTS PER ACRE
IRR PIPE TRAILER	3,	43 OCT	0.50	0.121	0.100	0.41	0.65
DRY FERT APPLIC.	3,	85 OCT	1.00	0.378	0.313	1.41	2.62
FRUIT-NUT RAKE*		30 OCT	1.00	0.000	1.667	14.21	22.68
DISC-HYD OFFSET	9,	79 MAR	3.00	2.017	1.667	11.77	75.62
ROLLER		74 MAR	3.00	0.000	1.146	0.30	9.75
DISC-HYD OFFSET	9,	79 APR	2.00	1.344	1.111	7.85	50.41
ROLLER		74 APR	2.00	0.000	0.764	0.20	6.50
IRR PIPE TRAILER	3,	43 JUNE	0.50	0.121	0.100	0.41	0.65
DISC-HYD OFFSET	9,	79 JUNE	2.00	1.344	1.111	7.85	50.41
ROLLER		74 JUNE	2.00	0.000	0.764	0.20	6.50
ROLLER	9,	75 JUNE	2.00	0.924	0.764	2.86	22.96
FRUIT SHAKER		31 AUG	2.25	0.000	4.500	18.04	56.53
FRUIT SHAKER		31 SEPT	2.25	0.000	4.500	18.04	56.53
TOTALS			6.250	18.506	83.54	361.82	

40 ACRES PRUNES ON 80 ACRE ORCHARD
 PLANTING: 90 TREES/ACRE 22' CENTERS
 HANDROVE SPRINKLER IRRIGATION: 20 ACIN/YR
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Updated 02/06/81

UC Cooperative Extension

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 275
 SAMPLE COSTS TO PRODUCE PRUNES BY W. SEYMAN
 SANTA CLARA COUNTY 1980 D. DOUGLAS
 YIELD: 1.5 TON/ACRE DRY 4.5 TON/ACRE GREEN (2 PICKINGS)

*** TEMPORARY BUDGET ***

INCOME ABOVE VARIABLE COSTS WHEN THE PRICE OF PRUNES AND THE QUANTITY OF PRUNES		RANGES FROM RANGES FROM		657.00 TO 1.20 TO	803.00 1.80	
		PRICE OF PRUNES				
		657.00	693.50	730.00	766.50	803.00

QUANTITY OF PRUNES	1.20	-219.38	-175.58	-131.78	-87.98	-44.18
	1.35	-120.83	-71.56	-22.28	26.99	76.27
	1.50	-22.28	32.47	87.22	141.97	196.72
	1.65	76.27	136.49	196.72	256.94	317.17
	1.80	174.82	240.52	306.22	371.92	437.62

INCOME ABOVE ALL CASH COSTS WHEN THE PRICE OF PRUNES AND THE QUANTITY OF PRUNES		RANGES FROM RANGES FROM		657.00 TO 1.20 TO	803.00 1.80	
		PRICE OF PRUNES				
		657.00	693.50	730.00	766.50	803.00

QUANTITY OF PRUNES	1.20	-517.52	-473.72	-429.92	-386.12	-342.32
	1.35	-418.97	-369.69	-320.42	-271.14	-221.87
	1.50	-320.42	-265.67	-210.92	-156.17	-101.42
	1.65	-221.87	-161.64	-101.42	-41.19	19.03
	1.80	-123.32	-57.62	8.08	73.78	139.48

INCOME ABOVE ALL COSTS WHEN THE PRICE OF PRUNES AND THE QUANTITY OF PRUNES		RANGES FROM RANGES FROM		657.00 TO 1.20 TO	803.00 1.80	
		PRICE OF PRUNES				
		657.00	693.50	730.00	766.50	803.00

QUANTITY OF PRUNES	1.20	-831.20	-787.40	-743.60	-699.80	-656.00
	1.35	-732.65	-683.37	-634.10	-584.82	-535.55
	1.50	-634.10	-579.35	-524.60	-469.85	-415.10
	1.65	-535.55	-475.32	-415.10	-354.87	-294.65
	1.80	-437.00	-371.30	-305.60	-239.90	-174.20

40 ACRES PRUNES ON 80 ACRE ORCHARD
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 HANDMOVE SPRINKLER IRRIGATION: 20 ACIN/YR
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STORED DATA PAGE (NO CALCULATIONS) FOR PRUNES

BUDGET RECORD NUMBER 275

SAMPLE COSTS TO PRODUCE PRUNES BY W. SEYMAN
SANTA CLARA COUNTY 1980 D. DOUGLAS
YIELD: 1.5 TON/ACRE DRY 4.5 TON/ACRE GREEN (2 PICKINGS)

COSTS AND RETURNS WILL BE
DIVIDED BY 1.5 TON
TO OBTAIN PER TON 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 PRUNES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.75	0.00	0.00	0.00	730.000	0.000	3.	60.	2.	0.
PERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE RENT	UNIT CODE	ITEM CODE	TYPE	HARV CODE
6 PRUNE,PROP,ETC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	7.300	0.000	8.	378.	3.	9.
7 AMMONIUM SULPHAT	8.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	150.000	0.000	3.	218.	3.	0.
8 PRUNING	3.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	3.00	7.300	0.000	8.	340.	3.	0.
9 SUCKER CONTROL	2.25	2.25	2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.25	2.25	7.300	0.000	8.	273.	3.	0.
10 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	12.500	0.000	7.	274.	3.	0.
11 OIL&PHOSPHATE	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.800	0.000	5.	369.	3.	0.
12 GROWING SEAS SPRY	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	12.500	0.000	7.	275.	3.	0.
13 INSECTICIDE	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.730	0.000	12.	240.	3.	0.
14 MITICIDE	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	14.750	0.000	7.	247.	3.	0.
15 PROP TREES	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	7.300	0.000	8.	342.	3.	0.
16 IRRIG PUMP TAX	0.00	0.00	0.00	5.00	0.00	5.00	0.00	0.00	0.00	10.00	0.00	0.00	1.750	0.000	11.	325.	3.	0.
17 SUPERVISION	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.25	2.25	0.00	0.00	0.00	1.000	0.000	3.	328.	3.	9.
18 CUSTOM HARVEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.25	2.25	0.00	0.00	0.00	30.000	0.000	3.	304.	3.	9.
19 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.25	2.25	0.00	0.00	0.00	2.000	0.000	3.	306.	3.	9.
20 CUSTOM DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.25	2.25	0.00	0.00	0.00	40.000	0.000	3.	312.	3.	9.

MACHINERY REQUIREMENTS	IMPLEMENTS =	TIMES OVER,	TRUCKS = #	MILES/ACRE,	TRACTORS =	HRS/ACRE	# CREW	POWER	MACH	TYPE	HARV
	LABOR	UNIT	CODE								CODE
26 IRR PIPE TRAILER	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.50	0.00	0.00
27 DRY FERT APPLIC.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
DISC-HYD OFFSET	0.00	0.00	3.00	2.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00
ROLLER	0.00	0.00	3.00	2.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00
30 ROLLER	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00
31 FRUIT SHAKER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.25	2.25	0.00	0.00
32 FRUIT-NUT RAKE*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
9 ACIN IRRIG WATER	0.00	0.00	0.00	5.00	0.00	5.00	0.00	0.00	0.00	10.00	0.00
50 NO. TIMES IRRIG	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	2.00	0.00

EQUIPMENT REQUIREMENTS	NUMBER UNITS	PROPORT OF COST	XXX EQUIP CODE	TYPE	XXXX
NONE STORED WITH BUDGET					
COLUMNS --->	2	3	4	5	6
LAND REQUIREMENTS	CHARGE METHOD	NUMBER OF ACRES	VALUE OR COST/ACRE	TAXES PER ACRE	PERENNIAL CROPS YRS LIFE
71	2.	40.00	250.00	0.00	0.0
ENTERPRISE 2-60 REGION/COUNTY	43 UNASSIGNED	0000	MACH COMP	7	IRIG SYST 4 UNASSIGNED

40 ACRES PRUNES ON 80 ACRE ORCHARD
PLANTING: 90 TREES/ACRE 22' CENTERS
HANDROVE SPRINKLER IRRIGATION: 20 ACIN/YR

Updated 02/06/81

MACHINERY COMPLEMENT 7
EQUIPMENT COMPLEMENT 1

GENERAL NAME CHANGE->	LINE CHANGE	PRUNE,PROP,ETC	LINE CHANGE	PROP TREES	LINE CHANGE	IRRIG PUMP TAX	LINE CHANGE	SUPERVISION	LINE CHANGE	OIL&PHOSPHATE
MACHNRY NAME CHANGE->	31	FRUIT SHAKER	31	FRUIT SHAKER	325	IRRIG PUMP TAX	328	SUPERVISION	369	OIL&PHOSPHATE
	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
MACH COMP CHGS-->	75. 2.	12.000000	75. 3.	0.000000	75. 13.	0.000000	75. 9.	45.000000		
PARAMETER CHGS-->	6.	0.073700	10.	7.300000	12.	7.300000	18.	2.000000	26.	0.07370028.

Additional Notes: Prunes
Santa Clara County 1980

230 Acres Prunes (data source)
90 Trees/Acre 22' centers

A. Production

- (1) Yield: 4.5 ton/acre Green (2 pickings)
1.5 ton/acre Dry @\$730.00/ton

B. Operating Inputs

- (1) Prune, prop, etc.: postharvest pruning, removal of tree props, bins.
2.5 hr/acre @\$ 7.30/hr
- (2) Ammonium sulphate: 500 lb/acre @\$150/ton
- (3) Pruning: Nov 1 - March every other year
extensive: dead, broken, fruit wood, etc.
15 hrs/acre (50% acreage) 3 trees/hr/man ave.
- (4) Sucker control: Nov 1 - March every other year
2.25 hrs/acre (50% acreage) 4 trees/hr/man
- (5) Dormant spray: Jan 15 - Feb. 1x @\$12.50/acre custom
 - a. Oil&phosphate: Jan 15 - Feb. 1x for spider mite eggs and scale
- (6) Growing season spray: following Spring cultivation and irrigation
April 1x, June 1x @\$12.50/acre custom
 - a. Insecticide: mid April - May 1x for tussock moth
sevin 1x 6 lb/acre @\$.73/lb
 - b. Miticide: June 1x for spider mites, every 3-4 years
spray 33% acreage @\$14.75/acre
- (7) Prop trees: June .90hr/acre
- (8) Irrigation pump tax: @\$21.00/acrefoot or \$1.75/acin.
- (9) Harvest
 - a. Supervision: @\$ 1.00/ton Green
 - b. Custom harvest: pickers & bins @\$30.00/ton "
 - c. Custom hauling: @\$ 2.00/ton "
 - d. Custom drying: @\$40.00/ton "

C. Machinery Requirements

- (1) Irrigation pipe trailer: moving pipe during irrigation schedule
- (2) Dry fert. applicator 1x October ammonium sulphate
- (3) Disc & roll (tandem) 3x March at blossom time (2x, 2 wks later 1x)
2x April following irrigation
2x June " "
- (4) Roll 2x June following disc & roll
- (5) Shaker 1x Aug 50% tonnage
1x Sept. 50% tonnage
- (6) Rake 1x October

D. Irrigation Schedule

- (1) October - 2 irrigations @ 5 acin following fertilizing
- (2) April - 1 irrigation @ 5 acin following disking
- (3) June - 1 " " provided normal rainfall