

COST & RETURNS SUMMARY FOR STRAWBERRIES
 SAMPLE COSTS TO ESTABLISH STRAWBERRIES
 SANTA CLARA CO. 1980
 1 OF 2 YEARS

BY W. SEYMAN, FARM ADVISOR

*** SCS BUDGET ***

Strawberries
 #273

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. RECEIPTS FROM PRODUCTION:					
Total Receipts:				0.00	
2. VARIABLE COSTS:					
PREHARVEST:					
SURVEYING	HOUR	75.000	0.400	30.00	
CUST. FUMIGATE	ACRE	1000.000	1.000	1000.00	
PLASTIC REMOVAL	ACRE	50.000	1.000	50.00	
PLANTING LABOR	ACRE	200.000	1.000	200.00	
PLANT-SETS	UNIT	25.800	25.000	645.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			68.90	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			9.50	
MACHINERY LABOR	HOUR	5.000	10.636	53.18	
IRRIGATION LABOR	HOUR	5.000	26.000	130.00	
INTEREST ON OPERATING CAP.	DOL.	0.07370	149.021	10.93	
TOTAL PREHARVEST COSTS:				2197.50	
PREHARVEST COST PER ACRE				2197.5017	
HARVEST:					
TOTAL HARVEST COSTS:				0.00	
HARVEST COST PER ACRE				0.0000	
TOTAL VARIABLE COSTS:				2197.50	
VARIABLE COST PER ACRE				2197.5017	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER ACRE				-2197.50	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				30.64	
CASH RENT:				250.00	
TOTAL OVERHEAD:				280.64	
OVERHEAD COST PER ACRE				280.6430	
5. CASH COSTS:					
CASH COST PER ACRE				2478.14	
6. INCOME ABOVE ALL CASH COSTS:					
INCOME PER ACRE				-2478.14	
7. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			68.76	
TOTAL DEPRECIATION:				68.76	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.07370	763.326	56.26	
TOTAL INTEREST CHARGE:				56.26	
TOTAL FIXED COSTS:				125.02	
FIXED COST PER ACRE				125.0156	
8. TOTAL OF ABOVE COSTS:					
TOTAL COST PER ACRE				2603.16	
9. NET RETURNS:					
NET RETURNS PER ACRE				-2603.16	

ST-CC-80-2

30 ACRES STRAWBERRIES ON 160 ACRE FARM
 NEW FIELD SUMMER PLANTED: 60" BEDS, 25000 PLANTS/ACRE
 PERMANENT SET SPRINKLER IRRIGATION: 32 AC-IN
 DATE PRINTED: 02/05/81 HARVEST MONTH: 7

UC Cooperative Extension

Updated 2/5/81
 BUDGET RECORD NUMBER 273

1980 default data

CASH FLOW & INVESTMENT SUMMARY FOR STRAWBERRIES
 SAMPLE COSTS TO ESTABLISH STRAWBERRIES
 SANTA CLARA CO. 1980
 1 OF 2 YEARS

*** SCS BUDGET ***
 BY W. SEYMAN, FARM ADVISOR

BUDGET RECORD NUMBER 273

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	0.00	0.00	0.00
OPERATING EXPENSES														
SURVEYING	\$/AC	0.00	0.00	0.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00
CUST. FUMIGATE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00	1000.00
PLASTIC REMOVAL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	50.00
PLANTING LABOR	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	200.00
PLANT SETS	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	645.00	0.00	0.00	0.00	0.00	0.00	645.00
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	29.95	23.23	0.00	0.00	0.00	0.00	0.00	53.18
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	0.00	0.00	0.00	0.78	0.00	10.15	0.00	0.00	0.00	0.00	10.93
TRACTOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	44.10	24.80	0.00	0.00	0.00	0.00	0.00	68.90
EQUIPMENT COST	\$/AC	0.00	0.00	0.00	0.00	0.00	7.20	2.30	0.00	0.00	0.00	0.00	0.00	9.50
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	10.00	10.00	110.00	0.00	0.00	0.00	0.00	130.00
TOTAL EXPENSES	\$/AC	0.00	0.00	0.00	0.00	0.00	131.27	1964.58	160.86	0.00	0.00	0.00	0.00	2197.50

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.00	0.00	0.00	0.00	0.00	5.99	4.65	0.00	0.00	0.00	0.00	0.00	10.64
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.00	0.00	2.00	2.00	22.00	0.00	0.00	0.00	0.00	26.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	0.00	0.00	5.00	5.00	22.00	0.00	0.00	0.00	0.00	32.00

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	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 40 HP	2	40.0	11400.	20.	300.	4.08	3.90	2.11	10.09	7.10	1.07	2.38	10.55	2.465
TRACTOR 100HP	6	100.0	33000.	20.	300.	34.54	32.95	17.83	85.31	33.20	4.98	20.17	58.35	7.204
IRR PUMP 20HP*	21	2.0	0.	25.	3200.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.000
CHISEL	42	10.0	3600.	15.	75.	3.74	2.51	1.40	7.65	0.00	0.04	2.00	2.04	1.294
BED SHAPER 4ROW	49	10.0	4080.	15.	35.	1.69	1.14	0.63	3.46	0.00	0.01	0.39	0.40	0.241
DISK OFFSET	59	12.0	3960.	15.	50.	7.46	5.00	2.78	15.24	0.00	0.05	2.48	2.53	1.563
3 WH PLANE 15X35	84	15.0	9480.	15.	80.	5.54	3.71	2.07	11.32	0.00	0.02	0.80	0.81	0.776
SCR	87	12.0	2640.	15.	50.	0.54	0.36	0.20	1.10	0.00	0.00	0.04	0.04	0.170
RIPPER 3 SHANK	90	3.5	3800.	10.	90.	5.46	2.88	1.49	9.83	0.00	0.04	2.02	2.06	1.571
FURROWER 4SHOVEL	91	6.5	1200.	15.	45.	0.80	0.54	0.30	1.63	0.00	0.00	0.24	0.25	0.498
RB FLOW 3-16	96	4.0	4200.	15.	35.	4.90	3.28	1.83	10.01	0.00	0.03	1.34	1.36	0.677
SPRINK-FURROW*	131	2.0	0.	20.	5000.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.000

MACHINERY & EQUIPMENT	2579.					68.76	56.26	30.64	155.66	40.30	6.23	31.87	78.39
INVESTMENT & COSTS PER ACRE													
TOTAL INVESTMENT		77360.											

30 ACRES STRAWBERRIES ON 160 ACRE FARM
 NEW FIELD SUMMER PLANTED: 60" BEDS, 25000 PLANTS/ACRE
 PERMANENT SET SPRINKLER IRRIGATION: 32 AC-IN
 DATE PRINTED: 02/05/81

UC Cooperative Extension

updated 2/5/81

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 273
 SAMPLE COSTS TO ESTABLISH STRAWBERRIES
 SANTA CLARA CO. 1980
 1 OF 2 YEARS

*** SCS BUDGET ***

BY W. SEYMAN, FARM ADVISOR

FUEL USED IN GALLONS PER HOUR

TRACTOR 40 HP 2.400
 TRACTOR 100HP 4.800
 IRR PUMP 20HP* 11.815 (KWHRS)

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
DISK OFFSET	1.375	TRACTOR 100HP
MB PLOW 3-16	3.576	TRACTOR 100HP
3 WH PLANE 15X35	1.024	TRACTOR 100HP
SCRAPER	0.896	TRACTOR 100HP
RIPPER 3 SHANK	8.297	TRACTOR 100HP
CHISEL	1.708	TRACTOR 100HP
FURROWER 4SHOVEL	2.628	TRACTOR 100HP
BED SHAPER 4ROW	0.637	TRACTOR 40 HP
SPRINK-FURROW*	189.046 (KWHRS)	IRR PUMP 20HP*

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
DISK OFFSET	0.000	0.000	0.000	0.000	0.000	6.875	1.375	0.000	0.000	0.000	0.000	0.000	8.250	DIESEL
MB PLOW 3-16	0.000	0.000	0.000	0.000	0.000	3.576	0.000	0.000	0.000	0.000	0.000	0.000	3.576	DIESEL
3 WH PLANE 15X35	0.000	0.000	0.000	0.000	0.000	3.073	1.024	0.000	0.000	0.000	0.000	0.000	4.097	DIESEL
SCRAPER	0.000	0.000	0.000	0.000	0.000	0.896	0.000	0.000	0.000	0.000	0.000	0.000	0.896	DIESEL
RIPPER 3 SHANK	0.000	0.000	0.000	0.000	0.000	8.297	0.000	0.000	0.000	0.000	0.000	0.000	8.297	DIESEL
CHISEL	0.000	0.000	0.000	0.000	0.000	3.416	3.416	0.000	0.000	0.000	0.000	0.000	6.833	DIESEL
FURROWER 4SHOVEL	0.000	0.000	0.000	0.000	0.000	0.000	2.628	0.000	0.000	0.000	0.000	0.000	2.628	DIESEL
BED SHAPER 4ROW	0.000	0.000	0.000	0.000	0.000	0.000	0.637	0.000	0.000	0.000	0.000	0.000	0.637	GAS
TRACTOR 40 HP	0.000	0.000	0.000	0.000	0.000	0.000	4.800	0.000	0.000	0.000	0.000	0.000	4.800	GAS
SPRINK-FURROW*	0.000	0.000	0.000	0.000	0.000	29.538	29.538	129.969	0.000	0.000	0.000	0.000	189.046	KWH
TOTALS	0.000	0.000	0.000	0.000	0.000	55.673	43.419	129.969	0.000	0.000	0.000	0.000	40.015	

GALLONS FUEL BY TYPE

GAS
 LP
 34.58 DIESEL
 0.00 N. GAS
 189.05 KWHRS

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

30 ACRES STRAWBERRIES ON 160 ACRE FARM
 NEW FIELD SUMMER PLANTED: 60" BEDS, 25000 PLANTS/ACRE
 PERMANENT SET SPRINKLER IRRIGATION: 32 AC-IN
 DATE PRINTED: 02/05/81

updated 2/5/81

UC Cooperative Extension

MACHINERY OPERATIONS SUMMARY
 SAMPLE COSTS TO ESTABLISH STRAWBERRIES
 SANTA CLARA CO. 1980
 1 OF 2 YEARS

BUDGET RECORD NUMBER 273
 BY W. SEYMAN, FARM ADVISOR

*** SCS BUDGET ***

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
DISK OFFSET	6, 59	JUNE	5.00	1.576	1.302	13.71	29.66
MB PLOW 3-16	6, 96	JUNE	1.00	0.820	0.677	7.40	18.83
3 WH PLANE 15X35	6, 84	JUNE	3.00	0.704	0.582	5.80	16.08
SCRAPER	6, 87	JUNE	1.00	0.205	0.170	1.55	3.32
RIPPER 3 SHANK	6, 90	JUNE	1.00	1.901	1.571	16.06	30.30
CHISEL	6, 42	JUNE	2.00	0.783	0.647	6.79	12.25
DISK OFFSET	6, 59	JULY	1.00	0.315	0.260	2.74	5.93
3 WH PLANE 15X35	6, 84	JULY	1.00	0.235	0.194	1.93	5.36
CHISEL	6, 42	JULY	2.00	0.783	0.647	6.79	12.25
FURROWER 4 SHOVEL	6, 91	JULY	1.00	0.602	0.498	4.68	8.12
BED SHAPER 4ROW	2, 49	JULY	1.00	0.292	0.241	1.54	4.55
TRACTOR 40 HP	2	JULY	2.00	2.400	2.000	8.56	8.18

TOTALS 10.616 8.790 77.54 154.84

30 ACRES STRAWBERRIES ON 160 ACRE FARM
 NEW FIELD SUMMER PLANTED: 60" BEDS, 25000 PLANTS/ACRE
 PERMANENT SET SPRINKLER IRRIGATION: 32 AC-IN

DATE PRINTED: 02/05/81

updated 2/5/81

UC Cooperative Extension

STORED DATA PAGE (NO CALCULATIONS) FOR STRAWBERRIES

BUDGET RECORD NUMBER 273

SAMPLE COSTS TO ESTABLISH STRAWBERRIES

BY W. SEYMAN, FARM ADVISOR

COSTS AND RETURNS WILL BE

SANTA CLARA CO. 1980
1 OF 2 YEARS

DIVIDED BY 1.0 ACRE
TO OBTAIN PER ACRE 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 STRAWBERRIES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.300	0.000	38.	61.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE RENT	UNIT CODE	ITEM CODE	TYPE	HARV CODE
6 SURVEYING	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	75.000	0.000	8.	497.	3.	0.
7 CUST. FUMIGATE	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*****	0.000	7.	261.	3.	0.
8 PLASTIC REMOVAL	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	50.000	0.000	7.	382.	3.	0.
9 PLANTING LABOR	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	200.000	0.000	7.	332.	3.	0.
10 PLANT SETS	0.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	25.800	0.000	22.	161.	3.	0.
MACHINERY REQUIREMENTS																		
	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW LABOR	POWER UNIT	MACH CODE	TYPE	HARV CODE	
26 DISK OFFSET	0.00	0.00	0.00	0.00	0.00	5.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	6.	59.	4.	0.
27 MB PLOW 3-16	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	6.	96.	4.	0.
28 3 WH PLANE 15X35	0.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	6.	84.	4.	0.
29 SCRAPER	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	6.	87.	4.	0.
30 RIPPER 3 SHANK	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	6.	90.	4.	0.
31 CHISEL	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	6.	42.	4.	0.
32 FURROWER 4SHOVEL	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	6.	91.	4.	0.
33 BED SHAPER 4ROW	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	2.	49.	4.	0.
34 TRACTOR 40 HP	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.	2.	4.	0.
49 ACIN IRRIG WATER	0.00	0.00	0.00	0.00	0.00	5.00	5.00	22.00	0.00	0.00	0.00	0.00	1.00	SHARE FIXED %	SHARE VAR %	POWER UNIT	SYSTM CODE	LIFT
50 NO. TIMES IRRIG	0.00	0.00	0.00	0.00	0.00	1.00	1.00	11.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	21.	131.	45.

EQUIPMENT REQUIREMENTS								NUMBER UNITS	PROPORT OF COST	XXX	EQUIP CODE	TYPE	XXXX
STORED WITH BUDGET													
COL	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	2.		30.00	250.00	0.00	0.0	0.00						
ENTERPRISE 2-61 REGION/COUNTY 43 UNASSIGNED 00000 MACH CORP 1 IRRIG SYST 8 UNASSIGNED 0 EQUIP SET 1 HARVEST MONTH 7													

30 ACRES STRAWBERRIES ON 160 ACRE FARM
NEW FIELD SUMMER PLANTED: 60" BEDS, 25000 PLANTS/ACRE
PERMANENT SET SPRINKLER IRRIGATION: 32 AC-IN

updated 2/5/81

MACHINERY COMPLEMENT 1
EQUIPMENT COMPLEMENT 1

GENERAL NAME CHANGE-->	LINE CHANGE	VALUE	RW CL	LINE CHANGE	VALUE	RW CL	LINE CHANGE	VALUE	RW CL	LINE CHANGE	VALUE	RW CL	LINE CHANGE	VALUE	RW CL
CUST. FUMIGATE	261	3.500000	90. 2.	PLASTIC REMOVAL	382	3800.000000	90.13.	TRACTOR 100HP*	6	2.000000	26.	0.073700	10.	5.000000	18.
RACHNRY NAME CHANGE-->	90	100.000000	21.16.	IRR PUMP	21	20.000000									

Additional Notes: Strawberry Budgets
Santa Clara County 1980

1. Establish
 - a. Machine use
 - (1) Disc 3x June
 - (2) Plow 1x June
 - (3) Disc 2x June
 - (4) Landplane 3x June
 - (5) Scraper 4 hrs/ac
 - (6) Rip 1x June
 - (7) Chisel 2x June
 - (8) Disc 1x July
 - (9) Landplane 1x July
 - (10) Chisel 2x July
 - (11) Furrower 1x July
 - (12) Bedshaper 1x July
 - (13) Tractor 2x July- slicing
 - b. Irrigation schedule: Permanent Set Sprinkler
 - (1) June- one irrigation @ 5 Acin.
 - (2) July- one irrigation @ 5 Acin.
 - (3) Aug.- first two weeks, every other day @ 2 Acin.
second two weeks, 4 irrigations @ 2 Acin.
2. Production
 - a. Operating costs
 - (1) irrig install: installation of drip irrigation system
 - 2 hrs/ac for hose layout
 - 1 hr/ac for hookup
 - 1 hr/ac for submains, flushingSystem is replaced each production year because of hose clogging.
 - (2) Mulch: includes mulching and pulling plants through plastic
 - (3) Pest & Fung Ctl: mites and mildew (Oct.)
aphids, mites and mildew (Feb.)
 - (4) Rem Plastic & Drip: removal of plastic and drip sys. from fields
 - (5) Hauling: disposal of the plastic and hoses
 - b. Irrigation schedule: Drip
 - (1) Sept.- 4 irrigations @ 3/4 Acin.
 - (2) Oct.- 3 irrigations @ 3/4 Acin.
 - (3) Nov.- 1 irrigation @ 3/4 Acin.
 - (4) Mar.- 6 irrigations @ 1/2 Acin.
 - (5) Apr.- 6 irrigations @ 1/2 Acin.
 - (6) May - 24 irrigations @ 1/2 Acin.
 - (7) Jun.- 24 irrigations @ 1/2 Acin.
 - (8) Jul.- 12 irrigations @ 1/2 Acin.