

Celery #212

TITLE: SAMPLE COSTS TO PRODUCE CELERY - SUMMER HARVEST
 TENANT LANDOWNER BASIS FOR - SANTA CRUZ CO.-
 1977 COSTS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
CELERY	TON	148.000	30.000	\$ 4440.00	
TOTAL RECEIPTS:				\$ 4440.00	
2. VARIABLE COSTS:					
PREHARVEST:					
INSECTICIDE	ACRE	3.500	6.000	21.00	
INSECTICIDE APP	ACRE	4.000	6.000	24.00	
IRRIGATION WATER	ACIN	0.520	54.000	28.08	
HERBICIDE	ACRE	22.250	1.000	22.25	
MANURE	ACRE	17.000	0.500	8.50	
K-P-K	APLC	55.000	4.000	220.00	
THINNING	ACRE	100.000	1.000	100.00	
HARD HOEING	ACRE	70.500	1.000	70.50	
CELERY, SEED	LBS.	8.250	2.250	18.56	
FERTILIZER	ACRE	4.750	1.000	4.75	
FERTILIZER APP	ACRE	4.000	3.000	12.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			20.04	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			6.66	
IRRIGATION (LUBE-REPAIRS)	ACRE			2.64	
IRRIGATION WATER APPLIED	ACIN	0.049	54.000		
MACHINERY LABOR	HOUR	4.980	3.563	17.74	
IRRIGATION LABOR	HOUR	3.900	24.000	93.60	
INTEREST ON OPERATING CAP.	DOL.	0.086	163.802	13.91	
TOTAL PREHARVEST COSTS:				\$ 684.23	
PREHARVEST COST PER TON				\$ 22.81	
HARVEST:					
BROKERAGE	ACRE	65.000	1.000	65.00	
CUSTOM HARVEST	TON	34.500	30.000	1035.00	
PACKING	TON	45.500	30.000	1365.00	
INTEREST ON OPERATING CAP.	DOL.	0.086	2136.875	186.14	
TOTAL HARVEST COSTS:				\$ 2651.14	
HARVEST COST PER TON				\$ 88.37	
TOTAL VARIABLE COSTS:				\$ 3335.37	
VARIABLE COST PER TON				\$ 111.18	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER TON				\$ 1104.63	
				\$ 36.82	
4. CASH OVERHEAD:					
CASH RENT:				\$ 715.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				83.38	
TOTAL CASH OVERHEAD:				\$ 798.38	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER TON				\$ 306.25	
				\$ 10.21	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			\$ 12.76	
TOTAL DEPRECIATION:				\$ 12.76	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.086	122.918	\$ 10.61	
TOTAL INTEREST CHARGE:				\$ 10.61	
TOTAL FIXED COSTS:				\$ 23.37	
FIXED COST PER TON				0.78	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER TON				\$ 4157.12	
				138.57	
8. NET RETURNS:					
NET RETURNS PER TON				\$ 282.88	
				9.43	

WATSONVILLE DISTRICT
 FURROW IRRIGATION-WATER PURCHASED FROM DISTRICT @ \$6.24 PER ACRE FT.
 STUDY REPRESENTS TYPICAL PRACTICES DATE: UPDATED 11/10/78

BUDGET IDENTIFICATION NUMBER 2744400920 362 1 BUDGET RECORD NUMBER 212
 DATE PRINTED: 03/20/79 HARVEST MONTH: 6

SAMPLE COSTS TO PRODUCE CELERY - SUMMER HARVEST
TENANT LANDOWNER BASIS FOR - SANTA CRUZ CO.-
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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	2220.00	2220.00	0.00	0.00	0.00	0.00	4440.00
OPERATING EXPENSES															
INSECTICIDE	\$/AC	0.00	0.00	3.50	3.50	7.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.00
INSECTICIDE APP	\$/AC	0.00	0.00	4.00	4.00	8.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00
IRRIGATION WATER	\$/AC	0.00	0.00	5.20	5.20	3.64	3.64	5.20	5.20	0.00	0.00	0.00	0.00	0.00	28.08
HERBICIDE	\$/AC	0.00	22.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.25
MANURE	\$/AC	0.00	8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.50
N-P-K	\$/AC	0.00	0.00	27.50	27.50	55.00	55.00	55.00	0.00	0.00	0.00	0.00	0.00	0.00	220.00
THINNING	\$/AC	0.00	0.00	0.00	50.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
HAND HOING	\$/AC	0.00	0.00	0.00	0.00	35.25	35.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.50
CELERY, SEED	\$/AC	0.00	0.00	0.00	18.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.56
FERTILIZER	\$/AC	0.00	0.00	2.38	2.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.75
FERTILIZER APP	\$/AC	0.00	0.00	0.00	0.00	4.00	4.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00
BROKERAGE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	32.50	32.50	0.00	0.00	0.00	0.00	0.00	65.00
CUSTOM HARVEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	517.50	517.50	0.00	0.00	0.00	0.00	0.00	1035.00
PACKING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	682.50	682.50	0.00	0.00	0.00	0.00	0.00	1365.00
MACHINE LABOR COST	\$/AC	0.00	0.05	6.63	5.46	2.65	2.65	0.05	0.05	0.00	0.00	0.00	0.00	0.00	17.74
INTEREST ON OPER. CAP.	\$/AC	0.00	0.86	1.65	1.98	1.25	0.00	103.99	90.30	0.00	0.00	0.00	0.00	0.00	200.04
TRACTOR COST	\$/AC	0.00	0.00	8.63	5.89	2.76	2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.04
EQUIPMENT COST	\$/AC	0.00	0.03	3.07	1.90	0.79	0.79	0.03	0.03	0.00	0.00	0.00	0.00	0.00	6.66
IRRIGATION COST	\$/AC	0.00	0.00	0.49	0.49	0.34	0.34	0.49	0.49	0.00	0.00	0.00	0.00	0.00	2.64
IRRIG LABOR COST	\$/AC	0.00	0.00	17.35	17.35	11.70	11.70	17.35	17.35	0.00	0.00	0.00	0.00	0.00	93.60
TOTAL EXPENSES	\$/AC	0.00	31.70	80.80	144.40	182.39	131.13	1418.82	1346.13	0.00	0.00	0.00	0.00	0.00	3335.37

MONTHLY IRRIGATION AND LABOR REQUIREMENTS															
MACHINE LABOR	HR/AC	0.00	0.01	1.37	1.10	0.53	0.53	0.01	0.01	0.00	0.00	0.00	0.00	0.00	3.56
IRRIGATION LABOR	HR/AC	0.00	0.00	4.50	4.50	3.00	3.00	4.50	4.50	0.00	0.00	0.00	0.00	0.00	24.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	10.00	10.00	7.00	7.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	54.00

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 105 HP	6	105.0	27500.	12.	1000.	3.22	2.78	0.58	6.58	4.55	0.68	6.18	11.42	1.873
TRACT 4WD 175HP	8	135.0	52000.	12.	1000.	1.06	0.92	0.19	2.17	1.48	0.22	1.70	3.40	0.327
CRAWLER 85 HP	11	85.0	55000.	17.	900.	2.67	2.73	0.61	6.01	1.95	0.29	2.99	5.23	0.889
PICKUP 1/2 T	14	0.5	7500.	3.	1350.	0.15	0.05	0.01	0.20	0.32	0.05	0.14	0.50	0.136
CHISEL	42	10.0	3000.	10.	270.	0.30	0.18	0.04	0.52	0.00	0.01	0.54	0.55	0.324
CULTIVATOR 6ROW	53	15.0	3300.	15.	140.	1.76	1.38	0.33	3.46	0.00	0.04	2.04	2.08	1.236
ROLLER	57	21.0	3500.	20.	125.	0.23	0.22	0.05	0.50	0.00	0.00	0.09	0.10	0.170
DISC OFFSET HDY	63	21.0	9300.	15.	110.	1.52	1.19	0.28	2.99	0.00	0.04	1.88	1.92	0.298
LISTER 6 ROW	83	15.0	2000.	13.	190.	0.01	0.01	0.00	0.02	0.00	0.00	0.02	0.02	0.017
LANDPLANE 12X45	85	12.0	7100.	7.	340.	1.08	0.55	0.11	1.74	0.00	0.01	0.49	0.50	0.485
PLANTER BROW	110	20.0	4600.	15.	100.	0.78	0.61	0.14	1.53	0.00	0.02	0.96	0.98	0.280
FURROW IRIG SYS#	132	2.0	0.	10.	5000.	0.00	0.00	0.00	0.00	0.00	0.05	2.59	2.64	27.000

TOTAL INVESTMENT OR COST	174800.	12.76	10.61	2.36	25.73	8.29	1.42	19.63	29.34
MACHINERY & EQUIPMENT	1748.								
INVESTMENT PER ACRE									

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