

TITLE: CARROT COST PRODUCTION  
 BASED ON COSTS & YIELD 1976 KERN COUNTY 1977  
 TENANT - LANDOWNER BASIS

Carrots #222

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
CARROTS	TON	182.400	13.500	2462.40	
TOTAL RECEIPTS:				\$ 2462.40	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
MULCH	ACRE	8.500	1.000	8.50	
FUMIGANT	ACRE	26.600	1.000	26.60	
FERTILIZER	LBS.	0.115	400.000	46.00	
CARROTS, SEED	LBS.	7.000	2.000	14.00	
HAND HOEING	ACRE	18.500	2.000	37.00	
NITROGEN	LBS.	0.200	200.000	40.00	
IRRIGATION RENT	UNIT	80.000	1.000	80.00	
INSECTICIDE	ACRE	6.250	4.000	25.00	
INSECTICIDE APP	APLC	5.000	4.000	20.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			16.14	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			7.21	
IRRIGATION POWER COST	ACRE			39.58	
IRRIGATION (LUBE-REPAIRS)	ACRE			11.58	
IRRIGATION WATER APPLIED	ACIN	1.550	33.000		
MACHINERY LABOR	HOUR	5.100	3.974	20.27	
IRRIGATION LABOR	HOUR	3.900	10.000	39.00	
INTEREST ON OPERATING CAP.	DOL.	0.086	115.981	9.73	
TOTAL PREHARVEST COSTS:				\$ 440.61	
PREHARVEST COST PER TON				\$ 32.64	
<b>HARVEST:</b>					
CUSTOM HARVEST	UNIT	3.250	500.000	1625.00	
INTEREST ON OPERATING CAP.	DOL.	0.086	135.417	11.69	
TOTAL HARVEST COSTS:				\$ 1636.69	
HARVEST COST PER TON				\$ 121.24	
TOTAL VARIABLE COSTS:				\$ 2077.30	
VARIABLE COST PER TON				\$ 153.87	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
INCOME PER TON				\$ 385.10	
<b>4. CASH OVERHEAD:</b>					
CASH RENT:				\$ 125.00	
MISC. OFFICE & BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)				51.93	
TOTAL CASH OVERHEAD:				\$ 176.93	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>					
INCOME PER TON				\$ 208.17	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			10.82	
TOTAL DEPRECIATION:				\$ 10.82	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY&EQUIPMENT		0.086	105.743	9.13	
TOTAL INTEREST CHARGE:				\$ 9.13	
TOTAL FIXED COSTS:				\$ 19.94	
FIXED COST PER TON				1.48	
<b>7. TOTAL OF ABOVE COSTS:</b>					
TOTAL COST PER TON				\$ 2274.17	
<b>8. NET RETURNS:</b>					
NET RETURNS PER TON				\$ 188.23	
				13.94	

Historical File - 1977

YIELD: 500;54 LB BAGS PER ACRE, SPRINKLER IRRIGATION SYSTEM  
 EARLY SUMMER HARVEST

DATE: UPDATED 09/27/78

BUDGET IDENTIFICATION NUMBER 2721500620 322 1  
 DATE PRINTED: 03/09/79

BUDGET RECORD NUMBER 222  
 HARVEST MONTH: 6

TITLE: CARROT COST PRODUCTION  
 BASED ON COSTS & YIELD 1976 KERN COUNTY 1977  
 TENANT - LANDOWNER BASIS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<hr/>					
1. GROSS RECEIPTS FROM PRODUCTION:					
CARROTS	TON	182.400	13.300	2462.40	
TOTAL RECEIPTS:				\$ 2462.40	
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2. VARIABLE COSTS:					
PREHARVEST:					
MULCH	ACRE	8.500	1.000	8.50	
FUMIGANT	ACRE	26.600	1.000	26.60	
FERTILIZER	LBS.	0.115	400.000	46.00	
CARROTS, SEED	LBS.	7.000	2.000	14.00	
HAND HOEING	ACRE	18.500	2.000	37.00	
NITROGEN	LBS.	0.200	200.000	40.00	
IRRIGATION RENT	UNIT	80.000	1.000	80.00	
INSECTICIDE	ACRE	6.250	4.000	25.00	
INSECTICIDE APP	APLC	3.000	4.000	20.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			16.14	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			7.21	
IRRIGATION POWER COST	ACRE			39.58	
IRRIGATION (LUBE-REPAIRS)	ACRE			11.58	
IRRIGATION WATER APPLIED	ACIN	1.550	33.000		
MACHINERY LABOR	HOUR	5.100	3.974	20.27	
IRRIGATION LABOR	HOUR	3.900	10.000	39.00	
INTEREST ON OPERATING CAP.	DOL.	0.086	115.981	9.73	
TOTAL PREHARVEST COSTS:				\$ 440.61	
PREHARVEST COST PER TON				\$ 32.64	
HARVEST:					
CUSTOM HARVEST	UNIT	3.250	500.000	1625.00	
INTEREST ON OPERATING CAP.	DOL.	0.086	135.417	11.69	
TOTAL HARVEST COSTS:				\$ 1636.69	
HARVEST COST PER TON				\$ 121.24	
TOTAL VARIABLE COSTS:				\$ 2077.30	
VARIABLE COST PER TON				\$ 153.87	
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3. INCOME ABOVE VARIABLE COSTS:				\$ 385.10	
INCOME PER TON				\$ 28.53	
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4. CASH OVERHEAD:				\$	
CASH RENT:				125.00	
MISC. OFFICE & BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)				51.93	
TOTAL CASH OVERHEAD:				\$ 176.93	
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5. INCOME ABOVE ALL CASH COSTS:				\$ 208.17	
INCOME PER TON				\$ 15.42	
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6. OWNERSHIP COSTS:					
DEPRECIATION:				\$	
MACHINERY & EQUIPMENT	ACRE			10.82	
TOTAL DEPRECIATION:				\$ 10.82	
CAPITAL & INTEREST:				\$	
MACHINERY&EQUIPMENT		0.086	105.743	9.13	
TOTAL INTEREST CHARGE:				\$ 9.13	
TOTAL FIXED COSTS:				\$ 19.94	
FIXED COST PER TON				1.48	
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7. TOTAL OF ABOVE COSTS:				\$ 2274.17	
TOTAL COST PER TON				168.46	
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8. NET RETURNS:				\$ 188.23	
NET RETURNS PER TON				13.94	
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YIELD: 500/54 LB BAGS PER ACRE, SPRINKLER IRRIGATION SYSTEM  
 EARLY SUMMER HARVEST

DATE: UPDATED 09/27/78

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BUDGET RECORD NUMBER 222  
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IDENTIFICATION NUMBER 2721500620 322 1

HARVEST MONTH 6

BUDGET RECORD NUMBER 222

CARROT COST PRODUCTION  
 BASED ON COSTS & YIELD 1976  
 TENANT - LANDOWNER BASIS

KERN COUNTY 1977

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	2462.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2462.40
OPERATING EXPENSES														
MULCH	\$/AC	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
FUMIGANT	\$/AC	26.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.60
FERTILIZER	\$/AC	46.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.00
CARROTS, SEED	\$/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
HAND HOEING	\$/AC	0.00	18.50	18.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.00
NITROGEN	\$/AC	0.00	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
IRRIGATION RENT	\$/AC	0.00	0.00	0.00	0.00	80.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00
INSECTICIDE	\$/AC	0.00	0.00	12.50	12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00
INSECTICIDE APP	\$/AC	0.00	0.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00
CUSTOM HARVEST	\$/AC	0.00	0.00	0.00	0.00	1625.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1625.00
MACHINE LABOR COST	\$/AC	10.71	3.56	3.96	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.27
INTEREST ON OPER. CAP.	\$/AC	4.55	1.48	2.41	0.74	12.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.42
TRACTOR COST	\$/AC	9.91	2.86	2.23	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.14
EQUIPMENT COST	\$/AC	5.39	0.81	0.78	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.21
IRRIGATION COST	\$/AC	4.65	15.50	15.50	15.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.16
IRRIG LABOR COST	\$/AC	3.98	11.70	11.70	11.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.00
TOTAL EXPENSES	\$/AC	134.21	54.41	117.59	33.85	1717.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2077.30

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	2.10	0.70	0.78	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.97
IRRIGATION LABOR	HR/AC	1.00	3.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
IRRIG. WATER APPLIED	ACIN	3.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.00

## 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 60 HP	3	60.0	13600.	12.	1000.	1.35	1.17	0.24	2.77	2.11	0.32	2.60	5.03	1.594
TRACTOR 90 HP	5	90.0	23000.	12.	1000.	1.37	1.18	0.25	2.79	1.89	0.26	2.62	4.80	0.951
TRACTOR 105 HP	6	105.0	27500.	12.	1000.	0.33	0.28	0.06	0.67	0.46	0.07	0.63	1.16	0.190
CRAWLER 85 HP	11	85.0	35000.	17.	900.	2.63	2.69	0.60	5.93	1.92	0.29	2.95	5.16	0.877
IRR PUMP 75 HP*	22	2.0	0.	25.	3200.	0.00	0.00	0.00	0.00	39.58	0.59	1.20	41.38	16.500
SUBSOILER	46	10.0	5000.	10.	250.	0.82	0.31	0.11	1.44	0.00	0.03	1.33	1.36	0.500
CULTIVATOR 6ROW	53	15.0	3300.	15.	140.	0.59	0.46	0.11	1.15	0.00	0.01	0.68	0.69	0.412
SADDLE TANKS	55	15.0	2900.	6.	350.	0.17	0.08	0.02	0.27	0.00	0.01	0.37	0.37	0.173
DISC OFFSET HDTY	63	21.0	9300.	15.	110.	1.52	1.19	0.28	2.99	0.00	0.04	1.88	1.92	0.298
FERTILZR INJECTOR	70	10.0	2360.	15.	140.	0.64	0.50	0.12	1.25	0.00	0.02	1.09	1.11	0.625
LISTER 6 ROW	83	15.0	2000.	13.	190.	0.12	0.09	0.02	0.23	0.00	0.00	0.20	0.20	0.173
SPRAYER PTO	93	35.0	1700.	14.	180.	0.50	0.37	0.09	0.96	0.00	0.01	0.56	0.58	0.824
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
SIDEMOVE TOW*	129	2.0	0.	10.	5000.	0.00	0.00	0.00	0.00	0.00	0.19	9.59	9.78	16.500

TOTAL INVESTMENT OR COST 150260.  
 MACHINERY & EQUIPMENT 1503.  
 INVESTMENT PER ACRE 10.82 9.13 2.04 21.99 45.97 1.88 26.66 74.52

YIELD: 500:54 LB BAGS PER ACRE, SPRINKLER IRRIGATION SYSTEM  
 EARLY SUMMER HARVEST

DATE: UPDATED 09/27/78

IDENTIFICATION NUMBER 2721500620 322 1

HARVEST MONTH 6

BUDGET RECORD NUMBER 222

CARROT COST PRODUCTION  
 BASED ON COSTS & YIELD 1976  
 TENANT - LANDOWNER BASIS

KERN COUNTY 1977

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	2462.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2462.40
OPERATING EXPENSES														
MULCH	\$/AC	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
FUMIGANT	\$/AC	26.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.60
FERTILIZER	\$/AC	46.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.00
CARROTS, SEED	\$/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
HAND HOEING	\$/AC	0.00	18.50	18.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.00
NITROGEN	\$/AC	0.00	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
IRRIGATION RENT	\$/AC	0.00	0.00	0.00	0.00	80.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00
INSECTICIDE	\$/AC	0.00	0.00	12.50	12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00
INSECTICIDE APP	\$/AC	0.00	0.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00
CUSTOM HARVEST	\$/AC	0.00	0.00	0.00	0.00	1625.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1625.00
MACHINE LABOR COST	\$/AC	10.71	3.56	3.96	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.27
INTEREST ON OPER. CAP.	\$/AC	4.55	1.48	2.41	0.74	12.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.42
TRACTOR COST	\$/AC	9.91	2.86	2.23	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.14
EQUIPMENT COST	\$/AC	3.39	0.81	0.78	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.21
IRRIGATION COST	\$/AC	4.65	15.50	15.50	15.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.16
IRRIG LABOR COST	\$/AC	3.96	11.70	11.70	11.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.00
TOTAL EXPENSES	\$/AC	134.21	54.41	117.59	53.85	1717.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2077.30

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	2.10	0.70	0.78	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.97
IRRIGATION LABOR	HR/AC	1.00	3.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
IRRIG. WATER APPLIED	ACIN	3.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.00

## 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 60 HP	3	60.0	13600.	12.	1000.	1.35	1.17	0.24	2.77	2.11	0.32	2.60	5.03	1.594
TRACTOR 90 HP	5	90.0	23000.	12.	1000.	1.37	1.18	0.25	2.79	1.89	0.28	2.62	4.80	0.951
TRACTOR 105 HP	6	105.0	27500.	12.	1000.	0.33	0.28	0.06	0.67	0.46	0.07	0.63	1.16	0.190
CRAWLER 85 HP	11	85.0	35000.	17.	900.	2.63	2.69	0.60	5.93	1.92	0.29	2.95	5.16	0.877
IRR PUMP 75 HP*	22	2.0	0.	25.	3200.	0.00	0.00	0.00	0.00	39.58	0.59	1.20	41.38	16.500
SUBSOILER	46	10.0	5000.	10.	250.	0.82	0.51	0.11	1.44	0.00	0.03	1.33	1.36	0.500
CULTIVATOR 6ROW	53	15.0	3300.	15.	140.	0.59	0.46	0.11	1.15	0.00	0.01	0.68	0.69	0.412
SADDLE TANKS	35	15.0	2900.	6.	350.	0.17	0.08	0.02	0.27	0.00	0.01	0.37	0.37	0.173
DISC OFFSET HDTY	63	21.0	9300.	15.	110.	1.52	1.19	0.28	2.99	0.00	0.04	1.88	1.92	0.298
FERTILZR INJECTOR	70	10.0	2360.	15.	140.	0.64	0.50	0.12	1.25	0.00	0.02	1.09	1.11	0.625
LISTER 6 ROW	83	15.0	2000.	13.	190.	0.12	0.09	0.02	0.23	0.00	0.00	0.20	0.20	0.173
SPRAYER PTO	93	35.0	1700.	14.	180.	0.50	0.37	0.09	0.96	0.00	0.01	0.56	0.58	0.824
PLANTER 6ROW	110	20.0	4600.	15.	100.	0.78	0.61	0.14	1.53	0.00	0.02	0.96	0.98	0.280
SIDEMOVE TOW*	129	2.0	0.	10.	5000.	0.00	0.00	0.00	0.00	0.00	0.19	7.59	9.78	16.500

TOTAL INVESTMENT OR COST 150260.  
 MACHINERY & EQUIPMENT 1503.  
 INVESTMENT PER ACRE 10.82 9.13 2.04 21.99 45.97 1.88 26.66 74.52

YIELD: 500;54 LB BAGS PER ACRE, SPRINKLER IRRIGATION SYSTEM  
 EARLY SUMMER HARVEST

DATE: UPDATED 09/27/76