

COUNTY: Cochise FARM: SE AZ Vegetables WATER SOURCE: Ks NG TILLAGE: Conventional
 CROP: Corn, Sweet ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam
 AREA: Kansas Settlement YIELD: 81.3 Ct/Acre PREVIOUS CROP: Corn Grain DATE: 08/20/95

Item	Unit	Quantity	Price /Unit	Budgeted /Acre	Total /Acre	Your Farm Budget
INCOME -> Ears	Crtm	81.30	\$9.7600	\$793.49	\$793.49	_____
CASH LAND PREPARATION AND GROWING EXPENSES (including sales tax)						
Paid Labor (including benefits)					56.30	_____
Tractor/Self Propelled				23.66		_____
Irrigation				32.64		_____
Chemicals & Custom Applications					184.02	_____
Fertilizers				86.27		_____
Insecticides				89.63		_____
Herbicides				8.13		_____
Farm Machinery and Vehicles					30.77	_____
Diesel Fuel				12.02		_____
Repairs & Maint.				18.75		_____
Irrigation (excluding labor)					171.94	_____
Natural Gas/Pumping				147.42		_____
Repairs & Maint.				24.51		_____
Other Purchased Inputs & Services					101.56	_____
Seed/Transplants				101.56		_____
TOTAL CASH LAND PREPARATION AND GROWING EXPENSES					544.59	_____
CASH HARVEST AND POST HARVEST EXPENSES						
Paid Labor (including benefits)					239.55	_____
Tractor/Self Propelled				43.56		_____
Other/Contract				195.99		_____
Farm Machinery and Vehicles					49.99	_____
Diesel Fuel				18.73		_____
Repairs & Maint.				31.27		_____
Other Materials					42.19	_____
TOTAL HARVEST AND POST HARVEST EXPENSE					331.73	_____
OPERATING OVERHEAD->PICKUP USE					7.27	_____
OPERATING INTEREST AT 9.0%					5.28	_____
TOTAL CASH OPERATING EXPENSES					\$888.87	_____
RETURNS OVER CASH OPERATING EXPENSES					(\$95.38)	_____

Notes: The above figures do not include ownership costs, see Table 8B on Next Page for detailed cost allocation.

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Item	- CASH COST BASIS (\$/ACRE) -		- TOTAL COST BASIS (\$/ACRE) -	
	Income & Costs	Net Returns	Income & Costs	Net Returns
TOTAL INCOME at \$ 9.7600/Ct	\$793.49		\$793.49	
TOTAL OPERATING EXPENSES	888.87		888.87	
RETURN OVER CASH OPERATING EXPENSES		(\$95.38)		(\$95.38)
CASH OVERHEAD EXPENSES				
Taxes, Housing & Insur., Farm Machinery	7.82		7.82	
Wells & Irrig. System	12.48		12.48	
Gen. & Off. Overhead (5% of Tot. Oper. Exp.)	44.44		44.44	
General Farm Maint. (3% of Tot. Oper. Exp.)	26.67		26.67	
Total Cash Overhead Expenses	91.41		91.41	
Total Cash Oper. & Over. Cost	980.28		980.28	
RETURNS OVER CASH OPER. & OVER. EXPENSES.		(186.79)		(186.79)
CAPITAL ALLOCATIONS (100% Equity)				
Capital Replacement, Machinery & Vehicles			48.15	
Wells & Irrig. System			49.97	
Interest on Equity, Machinery & Vehicles			18.65	
Wells & Irrig. System			25.12	
Total Capital Allocations			141.88	
RETURNS TO LAND, CAPITAL, MANAGEMENT & RISK		(186.79)		
RETURNS TO LAND, MANAGEMENT & RISK				(328.68)
Land Cost / Rent or Lease	45.00		45.00	
Total Land Costs	45.00		45.00	
RETURNS TO MANAGEMENT, CAPITAL & RISK		(231.79)		
RETURNS TO MANAGEMENT & RISK				(373.68)
Management Services (6% of Tot. Oper. Exp.)			53.33	
TOTAL OWNERSHIP COST	136.41		331.63	
TOTAL COST	\$1,025.28		\$1,220.50	
RETURN TO MANAGEMENT, CAPITAL & RISK		(\$231.79)		
RETURN TO RISK (PROFITS)				(\$427.01)
BREAK-EVEN PRICE TO COVER OPERATING COST (PER Ct)		\$10.93		\$10.93
BREAK-EVEN PRICE TO COVER OWNERSHIP COST		\$1.67		\$4.07
BREAK-EVEN PRICE TO COVER TOTAL COST		\$12.61		\$15.01

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No.	First Month	Operation	Hours * -		Operating Costs (\$/Acre*)					Times	Tot. Cash Expense	Class
			Machine	Labor	Fuel/Rps.	Labor	Cust/Ser.	Materials	Total			
1	Mar	Disk	0.180	0.200	2.35	1.57			3.92	2.0	7.84	L
2	Mar	Apply Fert/Ground	0.075	0.083	0.69	0.65		37.27	38.61	1.0	38.61	G
3	Mar	Chisel	0.214	0.238	2.48	1.87			4.35	1.0	4.35	L
4	Mar	List	0.180	0.200	1.91	1.57			3.48	1.0	3.48	L
5	Mar	Buck Rows	0.023	0.025	0.16	0.20			0.36	4.0	1.45	G
6	Mar	Preirrigate		0.333	14.33	2.61			16.94	1.0	16.94	G
7	Apr	Disk Ends	0.023	0.025	0.21	0.20			0.41	4.0	1.65	G
8	Apr	Plant	0.180	0.200	2.41	1.57		101.56	105.54	1.0	105.54	L
9	Apr	Irrigate		0.333	14.33	2.61			16.94	8.0	135.52	G
10	Apr	Apply Herbicide/Ground	0.180	0.200	1.59	1.57		8.13	11.29	1.0	11.29	G
11	May	Irrigate/Run Fertilizer		0.333	14.33	2.61		16.33	33.27	3.0	99.81	G
12	May	Cultivate	0.150	0.167	1.26	1.31			2.57	3.0	7.72	G
13	Jul	Apply Insect./Ground	0.075	0.083	0.84	0.65		11.20	12.69	8.0	101.51	G
14	Jul	Pick and Load	4.500	35.000	44.50	235.19		42.19	321.88	1.0	321.88	H
15	Jul	Haul 1 MI	0.556	0.556	5.50	4.36			9.86	1.0	9.86	H
16	Aug	Disk Residue	0.225	0.250	2.50	1.96			4.46	2.0	8.92	L
		Pickup Use 30 Mi/Ac	1.000		7.27						7.27	O
		Operating Interest at 9.00%						7.33			7.33	O
TOTAL CASH OPERATING EXPENSES:					\$260.00	\$295.89	\$7.33	\$327.74			\$890.96	T

* NOTES: Machine and labor hours and operating cost are for one time over the designated acreage. The 'Tot. Cash Expense' column and the 'TOTAL CASH OPERATING EXPENSES:' row include all operations, all times over. Classes are defined below.

OPERATING COST SUMMARY BY CLASS		SENSITIVITY OF NET REVENUES OVER TOTAL CASH EXPENSES (\$/Acre)							
		Prices ->		-25%	-10%	Budgeted	+10%	+25%	
Land Preparation (L)	\$130.12								
Growing (G)	414.49								
Harvest (H)	331.73	Yields		\$7.32	\$8.78	\$9.76	\$10.73	\$12.20	Break-even
Post Harvest (P)	0.00								
Marketing (M)	0.00	-25%	60.9	-361.68	-272.41	-212.90	-153.39	-64.12	13.25
Operating Overhead (O)	14.60	-10%	73.1	-322.17	-215.05	-143.64	-72.22	34.89	11.72
		Budgeted	81.3	-295.84	-176.81	-97.46	-18.11	100.90	10.95
Total (T)	\$890.95	+10%	89.4	-269.50	-138.57	-51.29	35.99	166.91	10.33
		+25%	101.6	-229.99	-81.21	17.97	117.15	265.93	9.58
		Break-even Yield		172.61	118.89	98.46	84.02	68.87	

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Month *	Number Irrig.	Water		Operating Cost (\$/Acre)							
		Applied (Inches)	Total Labor (Hrs)	Purchased Water	Fuel, Oil & Repairs	Labor	Chemicals	Other Purchases	Services	Total	
MAR C	1.0	4.0	1.27		24.27	10.03	37.27				71.57
APR C	2.0	8.0	1.11		33.03	8.75	8.13	101.56			151.46
MAY C	3.0	12.0	1.55		47.15	12.15	16.33				75.63
JUN C	3.0	12.0	1.04		43.36	8.22	32.66				84.25
JUL C	3.0	12.0	37.24		99.91	252.78	89.63	42.19			484.51
AUG C			0.50		5.00	3.92					8.92
Pickup Use 30 Mi/Ac					7.27						7.27
Operating Interest at 9.0%									7.32		7.32
Total	12.0	48.0	42.73		260.00	295.85	184.02	143.75	7.32		890.93
%					29.18	33.20	20.65	16.13	0.82		100.00

TOTAL RESOURCES REQUIREMENTS(/Acre)		TOTAL ENERGY REQUIREMENTS(/Acre)	
Total N	181.3 lbs	Diesel Fuel	41.0 Gal
Total P	106.0 lbs	Regular Gas	0.0 Gal
Total K	0.0 lbs	NonLead Gas	3.0 Gal
Total Labor	42.7 Hrs		
Total Water	48.0 AI	Natural Gas/Pumping	388.1 Therms
		All Direct Energy	44.8 M BTU

EQUIPMENT REQUIREMENTS(/Acre)			
Tractor, 125 PTO HP, MFWD	1.07 Hrs	Offset Disk, 16.5'	0.36 Hrs Fertilizer Broadcaster, Towed 0.08 Hrs
Tractor, 150 PTO HP, MFWD	0.21 Hrs	V-Ripper, 7 Shnk	0.21 Hrs Lister, 5 Bottom 0.18 Hrs
Tractor, 100 PTO HP, MFWD	6.65 Hrs	Rowbuck, 10'	0.09 Hrs Offset Disk, 12' 0.54 Hrs
Planter, Drill Type, 6 Row	0.18 Hrs	Directed Spray Rig, 16 Row	0.18 Hrs Rolling Cultivator, 6 Rw 0.45 Hrs
Sprayer, Air Blast 500 GAL PTO	0.60 Hrs	Vegetable Trailer Flat Bed	5.06 Hrs Pickup Truck, 1/2 Ton 1.00 Hrs

MATERIALS REQUIREMENTS(/Acre)			
11-53-00, Dry	200.00 Lb	Water, Pump	48.00 AI Sweet Corn (Super Sweets) 12.00 Lb
Alachlor	2.50 Pt	32-00-00, URAN 32, Lqd	45.00 Ga Methomyl 16.00 Pt
Corn Sacks 5 Dz Cap	82.00 Sk		

LABOR REQUIREMENTS(/Acre)			
Tractor	8.57 Hrs	Irrigators	4.16 Hrs Other 30.00 Hrs

* NOTE: P = Previous Year C = Current Year N = Next Year

Table 8E Schedule of Operations; Sweet Corn, 1995

COUNTY: Cochise FARM: SE AZ Vegetables WATER SOURCE: Ks NG TILLAGE: Conventional
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No.	First Month	Times Operation	Equipment/Custom Oper. HP Self-Prop./Implem.	Job Rate Acres/Hr	Material Use & Cost Name Appl. Rate	Service Cost \$/Unit	Labor Type
1	Mar	2.0 Disk	125 Offset Disk, 16.5'	5.00			Tractor
2	Mar	1.0 Apply Fert/Ground	125 Fertilizer Broadcaster,	12.00	11-53-00, Dry 200.00 Lb	355.00 Tn	Tractor
3	Mar	1.0 Chisel	150 V-Ripper, 7 Shnk	4.20			Tractor
4	Mar	1.0 List	125 Lister, 5 Bottom	5.00			Tractor
5	Mar	4.0 Buck Rows	100 Rowbuck, 10'	40.00			Tractor
6	Mar	1.0 Preirrigate		3.00	Water, Pump 4.00 AI	42.98 AF	Tractor
7	Apr	4.0 Disk Ends	100 Offset Disk, 12'	40.00			Tractor
8	Apr	1.0 Plant	100 Planter, Drill Type, 6	5.00	Sweet Corn (Super 12.00 Lb	8.06 Lb	Tractor
9	Apr	8.0 Irrigate		3.00	Water, Pump 4.00 AI	42.98 AF	Irrigator
10	Apr	1.0 Apply Herbicide/Groun	100 Directed Spray Rig, 16	5.00	Alachlor 2.50 Pt	24.77 Ga	Tractor
11	May	3.0 Irrigate/Run Fertiliz		3.00	Water, Pump 4.00 AI	42.98 AF	Irrigator
					32-00-00, URAN 32, 15.00 Ga	187.50 Tn	
12	May	3.0 Cultivate	100 Rolling Cultivator, 6 R	6.00			Irrigator
13	Jul	8.0 Apply Insect./Ground	100 Sprayer, Air Blast 500	12.00	Methomyl 2.00 Pt	42.68 Ga	Tractor
14	Jul	1.0 Pick and Load	100 Vegetable Trailer Flat	0.20	Corn Sacks 5 Dz Ca 82.00 Sk	0.49 Sk	Tractor Other
15	Jul	1.0 Haul	100 Vegetable Trailer Flat	1.80			Tractor
16	Aug	2.0 Disk Residue	125 Offset Disk, 12'	4.00			Tractor
		Pickup Use 30 Mi/Ac	Pickup Truck, 1/2 Ton	1.00			

* NOTE: Machine times, labor times, and material rates are for one time over the designated acreage.