

COUNTY: Cochise FARM: SE AZ Vegetables WATER SOURCE: Ks NG TILLAGE: Conventional
 CROP: Chile, Green ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam
 AREA: Kansas Settlement YIELD: 8.0 Tn/Acre PREVIOUS CROP: Wheat, Winter DATE: 08/20/95

Item	Unit	Quantity	Price /Unit	Budgeted /Acre	Total /Acre	Your Farm Budget
INCOME -> Gr. Chile	Ton	8.00	\$200.0000	\$1,600.00		_____
Rd. Chile	Pound	700.00	0.4500	315.00	\$1,915.00	_____
CASH LAND PREPARATION AND GROWING EXPENSES (including sales tax)						
Paid Labor (including benefits)					59.30	_____
Tractor/Self Propelled				27.78		_____
Irrigation				29.56		_____
Other/Contract				1.96		_____
Chemicals & Custom Applications					141.58	_____
Fertilizers				102.60		_____
Insecticides				8.89		_____
Herbicides				12.02		_____
Other Chemicals				18.07		_____
Farm Machinery and Vehicles					33.56	_____
Diesel Fuel				13.18		_____
Repairs & Maint.				20.38		_____
Irrigation (excluding labor)					216.00	_____
Natural Gas/Pumping				188.42		_____
Repairs & Maint.				27.58		_____
Other Purchased Inputs & Services					241.27	_____
Seed/Transplants				166.27		_____
Other Services & Rentals				75.00		_____
TOTAL CASH LAND PREPARATION AND GROWING EXPENSES					691.70	_____
CASH HARVEST AND POST HARVEST EXPENSES						
Paid Labor (including benefits)					1.62	_____
Tractor/Self Propelled				1.62		_____
Farm Machinery and Vehicles					1.66	_____
Diesel Fuel				0.69		_____
Repairs & Maint.				0.98		_____
Custom Harvest/Post Harvest					938.00	_____
TOTAL HARVEST AND POST HARVEST EXPENSE					941.29	_____
OPERATING OVERHEAD->PICKUP USE					19.40	_____
OPERATING INTEREST AT 9.0%					19.69	_____
TOTAL CASH OPERATING EXPENSES					\$1,672.08	_____
RETURNS OVER CASH OPERATING EXPENSES					\$242.92	_____

Notes: The above figures do not include ownership costs, see Table 4B 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 \$ 200.0000/Tn + 2nd Crop	\$1,915.00		\$1,915.00	
TOTAL OPERATING EXPENSES	1,672.08		1,672.08	
RETURN OVER CASH OPERATING EXPENSES		\$242.92		\$242.92
CASH OVERHEAD EXPENSES				
Taxes, Housing & Insur., Farm Machinery	4.23		4.23	
Wells & Irrig. System	14.04		14.04	
Gen. & Off. Overhead (5% of Tot. Oper. Exp.)	82.27		82.27	
General Farm Maint. (3% of Tot. Oper. Exp.)	49.37		49.37	
Total Cash Overhead Expenses	149.91		149.91	
Total Cash Oper. & Over. Cost	1,821.99		1,821.99	
RETURNS OVER CASH OPER. & OVER. EXPENSES.		93.01		93.01
CAPITAL ALLOCATIONS (100% Equity)				
Capital Replacement, Machinery & Vehicles			23.17	
Wells & Irrig. System			56.23	
Interest on Equity, Machinery & Vehicles			11.87	
Wells & Irrig. System			28.27	
Total Capital Allocations			119.54	
RETURNS TO LAND, CAPITAL, MANAGEMENT & RISK		93.01		
RETURNS TO LAND, MANAGEMENT & RISK				(26.53)
Land Cost / Rent or Lease	45.00		45.00	
Total Land Costs	45.00		45.00	
RETURNS TO MANAGEMENT, CAPITAL & RISK		48.01		
RETURNS TO MANAGEMENT & RISK				(71.53)
Management Services (6% of Tot. Oper. Exp.)			98.73	
TOTAL OWNERSHIP COST	194.91		413.19	
TOTAL COST	\$1,866.99		\$2,085.27	
RETURN TO MANAGEMENT, CAPITAL & RISK		\$48.01		
RETURN TO RISK (PROFITS)				(\$170.26)
BREAK-EVEN PRICE TO COVER OPERATING COST (PER Tn)		\$166.31		\$166.31
BREAK-EVEN PRICE TO COVER OWNERSHIP COST		\$24.36		\$51.64
BREAK-EVEN PRICE TO COVER TOTAL COST		\$190.68		\$217.96

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No.	First Month	Operation	Hours		Operating Costs (\$/Acre*)					Tot. Cash Expense	Class	
			Machine	Labor	Fuel/Rps.	Labor	Cust/Ser.	Materials	Total			
1	Jan	Plow	0.321	0.357	4.50	2.80			7.30	1.0	7.30	L
2	Feb	Disk	0.225	0.250	2.50	1.96			4.46	2.0	8.92	L
3	Feb	Laser Level	0.900	2.000	8.65	14.37			23.02	0.3	6.91	L
4	Feb	Landplane	0.225	0.250	2.30	1.96			4.26	0.5	2.13	L
5	Feb	List	0.180	0.200	1.98	1.57			3.55	1.0	3.55	L
6	Mar	Apply Herbicide/Ground	0.150	0.167	1.57	1.31		12.02	14.90	1.0	14.90	G
7	Mar	Buck Rows	0.023	0.025	0.16	0.20			0.36	5.0	1.81	G
8	Mar	Preirrigate		0.424	21.49	3.32			24.81	1.0	24.81	G
9	Mar	Disk Ends	0.023	0.025	0.26	0.20			0.46	4.0	1.83	G
10	Mar	Apply Fert/Ground	0.150	0.167	1.56	1.31		37.27	40.14	1.0	40.14	G
11	Apr	Plant	0.225	0.250	3.27	1.96		166.27	171.50	1.0	171.50	L
12	Apr	Irrigate		0.279	14.33	2.19			16.52	10.0	165.20	G
13	May	Cultivate	0.200	0.222	1.68	1.74			3.42	5.0	17.12	G
14	Jun	Thinning					75.00		75.00	1.0	75.00	G
15	Jun	Irrigate/Run Fertilizer		0.278	14.33	2.18		32.66	49.17	2.0	98.34	G
16	Jun	Apply Fungicide/Air					7.50	6.02	13.52	3.0	40.56	G
17	Aug	Apply Insecticide/Air					5.55	3.34	8.89	1.0	8.89	G
18	Sep	Prepare Ends	0.022	0.025	0.25	0.20			0.45	1.0	0.45	H
19	Sep	Pick	8.0 Tn				680.00		680.00	1.0	680.00	H
20	Sep	Haul, Custom	8.0 Tn				120.00		120.00	1.0	120.00	H
21	Nov	Pick	0.3 Tn				120.00		120.00	1.0	120.00	H
22	Nov	Haul, Custom	0.3 Tn				18.00		18.00	1.0	18.00	H
23	Nov	Cut Stalks		0.164	0.182	1.42	1.43		2.85	1.0	2.85	P
24	Nov	Disk Residue		0.129	0.143	1.68	1.12		2.80	1.0	2.80	L
		Pickup Use 80 Mi/Ac		2.670		19.39					19.39	O
		Operating Interest at 9.00%						19.69			19.69	O
TOTAL CASH OPERATING EXPENSES:					\$248.07	\$60.99	\$1,060.74	\$302.28			\$1,672.08	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)	\$203.11									
Growing (G)	488.58									
Harvest (H)	938.44	Yields		\$150.00	\$180.00	\$200.00	\$220.00	\$250.00 Break-even		
Post Harvest (P)	2.84									
Marketing (M)	0.00		-25%	6.0	-536.76	-356.76	-236.76	-116.76	63.23	239.46
Operating Overhead (O)	39.08		-10%	7.2	-497.95	-281.95	-137.95	6.04	222.04	219.16
			Budgeted	8.0	-472.08	-232.08	-72.08	87.91	327.91	209.01
			+10%	8.8	-446.21	-182.21	-6.21	169.78	433.78	200.70
			+25%	10.0	-407.40	-107.40	92.59	292.59	592.59	190.74
Total (T)	\$1,672.08		Break-even Yield		22.59	11.72	8.87	7.14	5.52	

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Month *	Number Irrig.	Water Applied (Inches)	Total Labor (Hrs)	Operating Cost (\$/Acre)						Total
				Purchased Water	Fuel, Oil & Repairs	Labor	Chemicals	Other Purchases	Services	
JAN C			0.85		9.50	6.72				16.22
FEB C			0.92		5.72	6.86				12.58
MAR C	1.0	6.0	0.80		25.03	6.33	49.29			80.66
APR C	2.0	8.0	0.83		32.09	6.53		166.27		204.89
MAY C	2.0	8.0	0.83		30.76	6.51				37.27
JUN C	3.0	12.0	1.33		46.78	10.43	38.68		82.50	178.38
JUL C	2.0	8.0	1.05		32.45	8.25	6.02		7.50	54.21
AUG C	3.0	12.0	0.83		42.99	6.55	42.02		13.05	104.61
SEP C			0.02		0.25	0.20			750.00	750.44
OCT C									50.00	50.00
NOV C			0.32		3.10	2.55			138.00	143.65
Pickup Use 80 Mi/Ac					19.39					19.39
Operating Interest at 9.0%									19.68	19.68
Total	13.0	54.0	7.82		248.07	60.92	136.01	166.27	1,060.73	1,672.00
%					14.83	3.64	8.13	9.94	63.44	100.00

TOTAL RESOURCES REQUIREMENTS(/Acre)		TOTAL ENERGY REQUIREMENTS(/Acre)		
Total N	234.4 lbs	Diesel Fuel	18.4	Gal
Total P	106.0 lbs	Regular Gas	0.0	Gal
Total K	0.0 lbs	NonLead Gas	8.0	Gal
Total Labor	7.8 Hrs			
Total Water	54.0 AI	Natural Gas/Pumping	436.6	Therms
		All Direct Energy	47.2	M BTU

EQUIPMENT REQUIREMENTS(/Acre)				
Tractor, 125 PTO HP, MFWD	1.46 Hrs	Moldboard Plow, 4-16 2 Way	0.32 Hrs	Offset Disk, 12' 0.45 Hrs
Drag Scraper, 10'	0.27 Hrs	Laser Receiver, Mast System	0.27 Hrs	Laser Trailer 0.27 Hrs
Landplane 12'X 45'	0.11 Hrs	Lister, 7 Bottom	0.18 Hrs	Tractor, 100 PTO HP, MFWD 1.92 Hrs
Rolling Cultivator, 6 Rw	1.15 Hrs	Saddle Tk Sprayer, 2 Tk 8 Row	0.15 Hrs	Rowbuck, 10' 0.12 Hrs
Offset Disk, 16.5'	0.24 Hrs	Fert. Side Dress Unit, 4Row	0.15 Hrs	Bed Shaper, 6 Rw 0.23 Hrs
Planter, Drill Type, 6 Row	0.23 Hrs	Rotary Stalk Cutter, 4 Row	0.16 Hrs	Pickup Truck, 1/2 Ton 2.67 Hrs

MATERIALS REQUIREMENTS(/Acre)				
Trifluralin	3.00 Pt	Water, Pump	54.00 AI	11-53-00, Dry 200.00 Lb
Chile Pepper Sd (OP)	5.00 Lb	32-00-00, URAN 32, Lqd	60.00 Ga	Copper hydroxide 6.75 Lb
BT	0.25 Lb			

LABOR REQUIREMENTS(/Acre)				
Tractor	3.75 Hrs	Other	0.30 Hrs	Irrigators 3.77 Hrs

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

Table 4E Schedule of Operations; Green Chiles, 1995

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No.	Month	First Times	Operation	Equipment/Custom Oper.		Job Rate Acres/Hr	Material Use & Cost			Service Cost \$/Unit	Labor Type
				HP	Self-Prop./Implem.		Name	Appl. Rate	\$/Unit		
1	Jan	1.0	Plow	125	Moldboard Plow, 4-16 2	2.80					Tractor
2	Feb	2.0	Disk	125	Offset Disk, 12'	4.00					Tractor
3	Feb	0.3	Laser Level	125	Drag Scraper, 10' Laser Receiver, Mast Sy Laser Trailer	1.00					Tractor Other
4	Feb	0.5	Landplane	125	Landplane 12'X 45'	4.00					Tractor
5	Feb	1.0	List	125	Lister, 7 Bottom	5.00					Tractor
6	Mar	1.0	Apply Herbicide/Groun	100	Rolling Cultivator, 6 R Saddle Tk Sprayer, 2 Tk	6.00	Trifluralin	3.00 Pt	30.53 Ga		Tractor
7	Mar	5.0	Buck Rows	100	Rowbuck, 10'	40.00					Tractor
8	Mar	1.0	Preirrigate			2.40	Water, Pump	6.00 AI	42.98 AF		Irrigator
9	Mar	4.0	Disk Ends	100	Offset Disk, 16.5'	40.00					Tractor
10	Mar	1.0	Apply Fert/Ground	100	Fert. Side Dress Unit,	6.00	11-53-00, Dry	200.00 Lb	355.00 Tn		Tractor
11	Apr	1.0	Plant	100	Bed Shaper, 6 Rw Planter, Drill Type, 6	4.00	Chile Pepper Sd (O	5.00 Lb	31.67 Lb		Tractor
12	Apr	10.0	Irrigate			3.60	Water, Pump	4.00 AI	42.98 AF		Irrigator
13	May	5.0	Cultivate	100	Rolling Cultivator, 6 R	4.50					Tractor
14	Jun	1.0	Thinning		CST Thinning					75.00 Ac	
15	Jun	2.0	Irrigate/Run Fertiliz			3.60	Water, Pump	4.00 AI	42.98 AF		Irrigator
							32-00-00, URAN 32,	30.00 Ga	187.50 Tn		
16	Jun	3.0	Apply Fungicide/Air		CST Air Spray, 7 Gal Mi		Copper hydroxide	2.25 Lb	2.55 Lb	7.50 Ac	
17	Aug	1.0	Apply Insecticide/Air		CST Air Spray, 5 Gal Mi		BT	0.25 Lb	12.71 Lb	5.55 Ac	
18	Sep	1.0	Prepare Ends	100	Offset Disk, 16.5'	40.00					Tractor
19	Sep	1.0	Pick		CST Pick Green Chiles					85.00 Tn	
20	Sep	1.0	Haul, Custom		CST Haul Green Chiles					15.00 Tn	
21	Nov	1.0	Pick		CST Pick Red Chile afte					400.00 Tn	
22	Nov	1.0	Haul, Custom		CST Haul Red Chiles					60.00 Tn	
23	Nov	1.0	Cut Stalks	100	Rotary Stalk Cutter, 4	5.50					Tractor
24	Nov	1.0	Disk Residue	125	Offset Disk, 16.5'	7.00					Tractor
			Pickup Use	80 Mi/Ac	Pickup Truck, 1/2 Ton	0.38					

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