

COUNTY: Cochise FARM: SE AZ Vegetables WATER SOURCE: Ks NG TILLAGE: Conventional
 CROP: Chile, Red ACRES: 1.0 IRRIGATION SYSTEM: Flood Furrow SOIL: Sandy-Loam
 AREA: Kansas Settlement YIELD: 2,000.0 Lb/Acre PREVIOUS CROP: Wheat, Winter DATE: 08/20/95

Item	Unit	Quantity	Price /Unit	Budgeted /Acre	Total /Acre	Your Farm Budget
INCOME -> Red Chile	Pound	2,000.00	\$0.5000	\$1,000.00	\$1,000.00	_____
CASH LAND PREPARATION AND GROWING EXPENSES (including sales tax)						
Paid Labor (including benefits)					63.69	_____
Tractor/Self Propelled				27.78		_____
Irrigation				33.95		_____
Other/Contract				1.96		_____
Chemicals & Custom Applications					188.44	_____
Fertilizers				102.60		_____
Insecticides				55.75		_____
Herbicides				12.02		_____
Other Chemicals				18.07		_____
Farm Machinery and Vehicles					33.19	_____
Diesel Fuel				12.97		_____
Repairs & Maint.				20.21		_____
Irrigation (excluding labor)					244.66	_____
Natural Gas/Pumping				212.99		_____
Repairs & Maint.				31.67		_____
Other Purchased Inputs & Services					241.27	_____
Seed/Transplants				166.27		_____
Other Services & Rentals				75.00		_____
TOTAL CASH LAND PREPARATION AND GROWING EXPENSES					771.24	_____
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					660.00	_____
TOTAL HARVEST AND POST HARVEST EXPENSE					663.29	_____
OPERATING OVERHEAD->PICKUP USE					19.40	_____
OPERATING INTEREST AT 9.0%					27.71	_____
TOTAL CASH OPERATING EXPENSES					\$1,481.64	_____
RETURNS OVER CASH OPERATING EXPENSES					(\$481.64)	_____

Notes: The above figures do not include ownership costs, see Table 5B 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 \$ 0.5000/Lb	\$1,000.00		\$1,000.00	
TOTAL OPERATING EXPENSES	1,481.64		1,481.64	
RETURN OVER CASH OPERATING EXPENSES		(\$481.64)		(\$481.64)
CASH OVERHEAD EXPENSES				
Taxes, Housing & Insur., Farm Machinery	4.19		4.19	
Wells & Irrig. System	16.12		16.12	
Gen. & Off. Overhead (5% of Tot. Oper. Exp.)	72.66		72.66	
General Farm Maint. (3% of Tot. Oper. Exp.)	43.60		43.60	
Total Cash Overhead Expenses	<u>136.57</u>		<u>136.57</u>	
Total Cash Oper. & Over. Cost	1,618.21		1,681.21	
RETURNS OVER CASH OPER. & OVER. EXPENSES.		(618.21)		(618.21)
CAPITAL ALLOCATIONS (100% Equity)				
Capital Replacement, Machinery & Vehicles			22.99	
Wells & Irrig. System			64.56	
Interest on Equity, Machinery & Vehicles			11.84	
Wells & Irrig. System			32.46	
Total Capital Allocations			<u>131.85</u>	
RETURNS TO LAND, CAPITAL, MANAGEMENT & RISK		>(618.21)		
RETURNS TO LAND, MANAGEMENT & RISK				>(750.06)
Land Cost / Rent or Lease	<u>45.00</u>		<u>45.00</u>	
Total Land Costs	45.00		45.00	
RETURNS TO MANAGEMENT, CAPITAL & RISK		>(663.21)		
RETURNS TO MANAGEMENT & RISK				>(795.06)
Management Services (6% of Tot. Oper. Exp.)			<u>87.20</u>	
TOTAL OWNERSHIP COST	<u>181.57</u>		<u>400.63</u>	
TOTAL COST	=====		=====	
TOTAL COST	\$1,663.21		\$1,882.27	
RETURN TO MANAGEMENT, CAPITAL & RISK		>(\$663.21)		
RETURN TO RISK (PROFITS)				>(\$882.26)
BREAK-EVEN PRICE TO COVER OPERATING COST (PER Lb)		\$0.7266		\$0.7266
BREAK-EVEN PRICE TO COVER OWNERSHIP COST		\$0.0907		\$0.2003
BREAK-EVEN PRICE TO COVER TOTAL COST		\$0.8174		\$0.9270

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 AREA: Kansas Settlement YIELD: 2,000.0 Lb/Acre PREVIOUS CROP: Wheat, Winter DATE: 08/20/95

No.	Month	First 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	0.022	0.025	0.16	0.20			0.36	4.0	1.46	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		214.46	219.69	1.0	219.69	L	
12	Apr	Irrigate		0.279	14.33	2.19			16.52	12.0	198.24	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		0.279	14.33	2.19		32.66	49.18	2.0	98.36	G	
16	Jun	Apply Fungicide/Air						7.50	6.02	3.0	40.56	G	
17	Aug	Apply Insecticide/Air						5.55	2.00	7.55	1.0	7.55	G
18	Sep	Prepare Ends	0.022	0.025	0.25	0.20			0.45	1.0	0.45	H	
19	Oct	Pick 2000.0 Lb						600.00	600.00	1.0	600.00	H	
20	Oct	Haul, Custom 1.0 Tn						60.00	60.00	1.0	60.00	H	
21	Dec	Cut Stalks	0.164	0.182	1.42	1.43			2.85	1.0	2.85	P	
22	Dec	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%						27.71			27.71	O	
TOTAL CASH OPERATING EXPENSES:					\$276.36	\$65.39	\$790.76	\$349.13			\$1,481.64	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)	\$251.30									
Growing (G)	519.93									
Harvest (H)	660.44	Yields		\$0.37	\$0.45	\$0.50	\$0.55	\$0.62 Break-even		
Post Harvest (P)	2.84									
Marketing (M)	0.00		-25%	1,500.0	-753.31	-640.81	-565.81	-490.81	-378.31	0.87
Operating Overhead (O)	47.10		-10%	1,800.0	-740.31	-605.31	-515.31	-425.31	-290.31	0.78
			Budgeted	2,000.0	-731.64	-581.64	-481.64	-381.64	-231.64	0.74
Total (T)	\$1,481.64		+10%	2,200.0	-722.97	-557.97	-447.97	-337.97	-172.97	0.70
			+25%	2,500.0	-709.96	-522.46	-397.46	-272.46	-84.96	0.65
			Break-even Yield		18,876.49	6,914.47	4,860.90	3,747.82	2,789.63	

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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		24.94	6.33	49.29			80.57
APR C	1.0	4.0	0.55		17.76	4.34	48.20	166.27		236.57
MAY C	3.0	12.0	1.10		45.00	8.69				53.69
JUN C	4.0	16.0	1.61		61.01	12.62	38.68		82.50	194.81
JUL C	3.0	12.0	1.33		46.68	10.43	6.02		7.50	70.64
AUG C	3.0	12.0	0.83		42.99	6.56	40.68		13.05	103.28
SEP C			0.02		0.25	0.20				0.44
OCT C									396.00	396.00
NOV C									264.00	264.00
DEC C			0.32		3.10	2.55				5.65
Pickup Use	80 Mi/Ac				19.39					19.39
Operating Interest	at 9.0%								27.73	27.73
Total	15.0	62.0	8.38		276.36	65.31	182.87	166.27	790.78	1,481.58
%					18.65	4.40	12.34	11.22	53.37	100.00

TOTAL RESOURCES REQUIREMENTS(/Acre)		TOTAL ENERGY REQUIREMENTS(/Acre)	
Total N	234.4 lbs	Diesel Fuel	18.2 Gal
Total P	106.0 lbs	Regular Gas	0.0 Gal
Total K	0.0 lbs	NonLead Gas	8.0 Gal
Total Labor	8.3 Hrs		
Total Water	62.0 AI	Natural Gas/Pumping	501.3 Therms
		All Direct Energy	53.6 M BTU

EQUIPMENT REQUIREMENTS(/Acre)			
Tractor, 125 PTO HP, MFWD	1.46 Hrs	Moldboard Plow, 4-16 2 Way	0.32 Hrs
Drag Scraper, 10'	0.27 Hrs	Laser Receiver, Mast System	0.27 Hrs
Landplane 12'X 45'	0.11 Hrs	Lister, 7 Bottom	0.18 Hrs
Rolling Cultivator, 6 Rw	1.15 Hrs	Saddle Tk Sprayer, 2 Tk 8 Row	0.15 Hrs
Tractor, 40 PTO HP, MFWD	0.09 Hrs	Offset Disk, 16.5'	0.24 Hrs
Bed Shaper, 6 Rw	0.23 Hrs	Planter, Drill Type, 6 Row	0.23 Hrs
Pickup Truck, 1/2 Ton	2.67 Hrs		
		Offset Disk, 12'	0.45 Hrs
		Laser Trailer	0.27 Hrs
		Tractor, 100 PTO HP, MFWD	1.83 Hrs
		Rowbuck, 10'	0.12 Hrs
		Fert. Side Dress Unit, 4Row	0.15 Hrs
		Rotary Stalk Cutter, 4 Row	0.16 Hrs

MATERIALS REQUIREMENTS(/Acre)			
Trifluralin	3.00 Pt	Water, Pump	62.00 AI
Chile Pepper Sd (OP)	5.00 Lb	Acephate	5.00 Lb
Copper hydroxide	6.75 Lb	BT	0.15 Lb
		11-53-00, Dry	200.00 Lb
		32-00-00, URAN 32, Lqd	60.00 Ga

LABOR REQUIREMENTS(/Acre)			
Tractor	3.75 Hrs	Other	0.30 Hrs
		Irrigators	4.33 Hrs

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

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No.	First Month	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			2.36	Water, Pump	6.00 AI	42.98 AF		Irrigator
9	Mar	4.0	Disk Ends	40	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 Acephate	5.00 Lb	31.67 Lb 9.18 Lb		Tractor
12	Apr	12.0	Irrigate			3.58	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			3.58	Water, Pump 32-00-00, URAN 32, Copper hydroxide	4.00 AI 30.00 Ga 2.25 Lb	42.98 AF 187.50 Tn 2.55 Lb		Irrigator
16	Jun	3.0	Apply Fungicide/Air		CST Air Spray, 7 Gal Mi		BT	0.15 Lb	12.71 Lb	7.50 Ac	
17	Aug	1.0	Apply Insecticide/Air		CST Air Spray, 5 Gal Mi					5.55 Ac	
18	Sep	1.0	Prepare Ends	100	Offset Disk, 16.5'	40.00					Tractor
19	Oct	1.0	Pick		CST Pick Red Chiles					0.30 Lb	
20	Oct	1.0	Haul, Custom		CST Haul Red Chiles					60.00 Tn	
21	Dec	1.0	Cut Stalks	100	Rotary Stalk Cutter, 4	5.50					Tractor
22	Dec	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.