

COUNTY: Greenlee                      FARM: Greenlee County Farm                      WATER SOURCE: DEastE                      TILLAGE: Conventional  
 CROP: Chile, Red                      ACRES: 1.0                      IRRIGATION SYSTEM: Flood Furrow                      SOIL: Sandy-Loam  
 AREA: Duncan Valley                      YIELD: 2,000.0 Lb/Acre                      PREVIOUS CROP: Cotton, Upland                      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)					282.55	_____
Tractor/Self Propelled				38.39		_____
Hand				212.25		_____
Irrigation				31.08		_____
Other/Contract				0.83		_____
Chemicals & Custom Applications					133.41	_____
Fertilizers				78.41		_____
Insecticides				44.66		_____
Herbicides				10.34		_____
Farm Machinery and Vehicles					43.66	_____
Diesel Fuel				18.41		_____
Repairs & Maint.				25.25		_____
Irrigation (excluding labor)					65.68	_____
Pump Energy - Elect.				60.08		_____
Repairs & Maint.				5.60		_____
Other Purchased Inputs & Services					166.27	_____
Seed/Transplants				166.27		_____
TOTAL CASH LAND PREPARATION AND GROWING EXPENSES					691.57	_____
CASH HARVEST AND POST HARVEST EXPENSES						
Paid Labor (including benefits)					50.61	_____
Tractor/Self Propelled				28.36		_____
Other/Contract				22.25		_____
Farm Machinery and Vehicles					34.14	_____
Diesel Fuel				9.52		_____
Repairs & Maint.				24.62		_____
Custom Harvest/Post Harvest					60.00	_____
Other Materials					9.97	_____
TOTAL HARVEST AND POST HARVEST EXPENSE					154.73	_____
OPERATING OVERHEAD->PICKUP USE					18.53	_____
OPERATING INTEREST AT 9.0%					22.67	_____
TOTAL CASH OPERATING EXPENSES					\$887.50	_____
RETURNS OVER CASH OPERATING EXPENSES					\$112.50	_____

Notes: The above figures do not include ownership costs, see Table 3B 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	887.49		887.49	
RETURN OVER CASH OPERATING EXPENSES		\$112.50		\$112.50
CASH OVERHEAD EXPENSES				
Taxes, Housing & Insur., Farm Machinery	8.66		8.66	
Wells & Irrig. System	2.35		2.35	
Gen. & Off. Overhead ( 5% of Tot. Oper. Exp.)	44.37		44.37	
General Farm Maint. ( 3% of Tot. Oper. Exp.)	26.62		26.62	
Total Cash Overhead Expenses	82.00		82.00	
Total Cash Oper. & Over. Cost	969.50		969.50	
RETURNS OVER CASH OPER. & OVER. EXPENSES.		30.49		30.49
CAPITAL ALLOCATIONS (100% Equity)				
Capital Replacement, Machinery & Vehicles			53.21	
Wells & Irrig. System			23.48	
Interest on Equity, Machinery & Vehicles			21.16	
Wells & Irrig. System			8.30	
Total Capital Allocations			106.14	
RETURNS TO LAND, CAPITAL, MANAGEMENT & RISK		30.49		
RETURNS TO LAND, MANAGEMENT & RISK				( 75.64)
LAND COSTS / OWNERSHIP (100% Equity)				
Property Taxes (\$480 X 16% X .05733)	4.40		4.40	
Opport. Inter. on Land (100% X 6.0% X \$480)			28.80	
Total Land Costs	4.40		33.20	
RETURNS TO MANAGEMENT, CAPITAL & RISK		26.09		
RETURNS TO MANAGEMENT & RISK				( 108.85)
Management Services ( 8% of Tot. Oper. Exp.)			70.99	
TOTAL OWNERSHIP COST	86.40		292.35	
TOTAL COST	\$973.90		\$1,179.85	
RETURN TO MANAGEMENT, CAPITAL & RISK		\$26.09		
RETURN TO RISK (PROFITS)				( \$179.85)
BREAK-EVEN PRICE TO COVER OPERATING COST (PER Lb)		\$0.4437		\$0.4437
BREAK-EVEN PRICE TO COVER OWNERSHIP COST		\$0.0432		\$0.1461
BREAK-EVEN PRICE TO COVER TOTAL COST		\$0.4869		\$0.5899

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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	Jan	Plow	0.321	0.357	4.59	2.86				7.45	1.0	7.45	L
2	Jan	Rip	0.300	0.333	3.02	2.67				5.69	1.0	5.69	L
3	Feb	Apply Fert/Ground	0.150	0.167	1.28	1.34		37.03		39.65	1.0	39.65	G
4	Feb	Disk	0.225	0.250	2.56	2.00				4.56	2.0	9.11	L
5	Feb	Landplane	0.225	0.250	2.36	2.00				4.36	2.0	8.71	L
6	Feb	List	0.180	0.200	2.02	1.60				3.62	1.0	3.62	L
7	Mar	Buck Rows	0.022	0.050	0.16	0.37				0.53	5.0	2.64	G
8	Mar	Preirrigate		0.424	7.04	3.40				10.44	1.0	10.44	G
9	Mar	Disk Ends	0.022	0.025	0.17	0.20				0.37	4.0	1.47	G
10	Mar	Mulch	0.225	0.250	2.30	2.00				4.30	1.0	4.30	L
11	Apr	Plant	0.225	0.250	3.32	2.00		178.69		184.01	1.0	184.01	L
12	Apr	Remove Cap	0.180	0.200	1.27	1.60				2.87	1.0	2.87	G
13	Apr	Irrigate		0.279	4.69	2.23				6.92	10.0	69.20	G
14	May	Cultivate	0.225	0.250	1.94	2.00				3.94	4.0	15.76	G
15	Jun	Apply Herbicide/Ground	0.150	0.167	1.22	1.34		10.34		12.90	1.0	12.90	G
16	Jun	Thinning		25.000		200.24				200.24	1.0	200.24	G
17	Jun	Hand Weeding		0.500		4.00				4.00	3.0	12.00	G
18	Jul	Cultivate	0.150	0.167	1.29	1.34				2.63	3.0	7.90	G
19	Aug	Irrigate/Run Fertilizer		0.333	5.86	2.67		20.69		29.22	2.0	58.44	G
20	Aug	Apply Insecticide/Air						5.55	26.69	32.24	1.0	32.24	G
21	Sep	Prepare Ends	0.022	0.025	0.25	0.20				0.45	1.0	0.45	H
22	Oct	Harvest	1.500	5.001	25.98	35.61				61.59	1.0	61.59	H
23	Oct	Load Produce	1.500	1.667	6.46	13.35		9.97		29.78	1.0	29.78	H
24	Oct	Haul, Custom 2000.0 Lb						60.00		60.00	1.0	60.00	H
25	Dec	Cut Stalks	0.164	0.182	1.45	1.46				2.91	1.0	2.91	P
26	Dec	Disk Residue	0.129	0.143	1.72	1.15				2.87	1.0	2.87	L
		Pickup Use 80 Mi/Ac	2.670		18.52							18.52	O
		Operating Interest at 9.00%						24.44				24.44	O
TOTAL CASH OPERATING EXPENSES:					\$161.99	\$333.13	\$89.99	\$304.10				\$889.21	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)	\$225.75						
Growing (G)	465.75						
Harvest (H)	151.81	Yields	\$0.37	\$0.45	\$0.50	\$0.55	\$0.62 Break-even
Post Harvest (P)	2.91						
Marketing (M)	0.00	-25%	1,500.0	-288.02	-175.52	-100.52	-25.52 86.97 0.56
Operating Overhead (O)	42.96	-10%	1,800.0	-198.73	-63.73	26.26	116.26 251.26 0.48
		Budgeted	2,000.0	-139.20	10.79	110.79	210.79 360.79 0.44
		+10%	2,200.0	-79.67	85.32	195.32	305.32 470.32 0.41
		+25%	2,500.0	9.61	197.11	322.11	447.11 634.61 0.37
		Break-even Yield		2,467.70	1,971.03	1,737.84	1,554.00 1,341.17
Total (T)	\$889.20						

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Month *	Number Irrig.	Water Applied (Inches)	Total Labor (Hrs)	Operating Cost (\$/Acre)							
				Purchased Water	Fuel, Oil & Repairs	Labor	Chemicals	Other Purchases	Services	Total	
JAN C			1.19		12.72	9.53					22.25
FEB C			0.86		8.02	6.94	37.03				51.99
MAR C	1.0	6.0	0.62		8.51	4.96					13.48
APR C	1.0	4.0	0.90		10.59	7.21	12.42	166.27			196.48
MAY C	2.0	8.0	0.88		11.64	7.04					18.68
JUN C	2.0	8.0	27.05		16.74	216.62	10.34				243.70
JUL C	2.0	8.0	1.46		12.29	11.72					24.01
AUG C	4.0	18.0	1.89		22.39	15.15	68.06		5.55		111.15
SEP C	1.0	4.0	0.30		4.94	2.43					7.38
OCT C			4.00		19.46	29.37		5.98	30.00		84.82
NOV C			2.66		12.98	19.58		3.99	30.00		66.55
DEC C			0.32		3.17	2.60					5.77
Pickup Use 80 Mi/Ac					18.52						18.52
Operating Interest at 9.0%									24.45		24.45
<b>Total</b>	<b>13.0</b>	<b>56.0</b>	<b>42.17</b>		<b>161.99</b>	<b>333.16</b>	<b>127.85</b>	<b>176.24</b>	<b>90.00</b>		<b>889.24</b>
<b>%</b>					<b>18.21</b>	<b>37.46</b>	<b>14.38</b>	<b>19.81</b>	<b>10.12</b>		<b>100.00</b>

TOTAL RESOURCES REQUIREMENTS(/Acre)		TOTAL ENERGY REQUIREMENTS(/Acre)	
Total N	216.7 lbs	Diesel Fuel	35.3 Gal
Total P	38.8 lbs	Regular Gas	0.0 Gal
Total K	0.0 lbs	NonLead Gas	8.0 Gal
Total Labor	42.1 Hrs	Electricity/Pumping	884.9 KWH
Total Water	56.0 AI	All Direct Energy	8.9 M BTU

EQUIPMENT REQUIREMENTS(/Acre)			
Tractor, 125 PTO HP, MFWD	1.83 Hrs	Moldboard Plow, 4-16 2 Way	0.32 Hrs
Offset Disk, 12'	0.45 Hrs	Tractor, 100 PTO HP, MFWD	2.58 Hrs
Landplane 12'X 45'	0.45 Hrs	Lister, 7 Bottom	0.18 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
Rolling Cultivator, 6 Rw	1.35 Hrs	Directed Spray Rig, 8 Row	0.15 Hrs
Tractor, 60 PTO HP, MFWD	1.50 Hrs	Flat Trailer	1.50 Hrs
Pickup Truck, 1/2 Ton	2.67 Hrs	V-Ripper, 5 Shnk	0.30 Hrs
		Saddle Tk Sprayer, 2 Tk 8 Row	0.15 Hrs
		Rowbuck, 10'	0.11 Hrs
		Power Mulcher, 4 Rw	0.23 Hrs
		Section Harrow, 3 Section	0.18 Hrs
		Chili Harvester, SP 2 Row	1.50 Hrs
		Rotary Stalk Cutter, 4 Row	0.16 Hrs

MATERIALS REQUIREMENTS(/Acre)			
32-00-00, URAN 32, Lqd	58.00 Ga	10-34-00, Lqd	10.00 Ga
Chile Pepper Sd (OP)	5.00 Lb	Carbofuran	7.00 Lb
BT	2.00 Lb	Boxes & Supplies	10.00 Ct
		Water, Pump	56.00 AI
		Dicamba	1.00 Pt

LABOR REQUIREMENTS(/Acre)			
Tractor	8.33 Hrs	Other	3.46 Hrs
Hand Weeders	26.50 Hrs	Irrigators	3.88 Hrs

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

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 CROP: Chile, Red                      ACRES: 1.0                      IRRIGATION SYSTEM: Flood Furrow                      SOIL: Sandy-Loam  
 AREA: Duncan Valley                      YIELD: 2,000.0 Lb/Acre                      PREVIOUS CROP: Cotton, Upland                      DATE: 08/20/95

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	Jan	1.0	Rip	125	V-Ripper, 5 Shnk	3.00					Tractor
3	Feb	1.0	Apply Fert/Ground	100	Saddle Tk Sprayer, 2 Tk	6.00	32-00-00, URAN 32,	20.00 Ga	187.50 Tn		Tractor
							10-34-00, Lqd	10.00 Ga	255.00 Tn		
4	Feb	2.0	Disk	125	Offset Disk, 12'	4.00					Tractor
5	Feb	2.0	Landplane	125	Landplane 12'X 45'	4.00					Tractor
6	Feb	1.0	List	125	Lister, 7 Bottom	5.00					Tractor
7	Mar	5.0	Buck Rows	100	Rowbuck, 10'	40.00					Tractor
											Other
8	Mar	1.0	Preirrigate			2.36	Water, Pump	6.00 AI	14.07 AF		Irrigator
9	Mar	4.0	Disk Ends	40	Offset Disk, 16.5'	40.00					Tractor
10	Mar	1.0	Mulch	100	Power Mulcher, 4 Rw	4.00					Tractor
11	Apr	1.0	Plant	100	Bed Shaper, 6 Rw	4.00	Chile Pepper Sd (O	5.00 Lb	31.67 Lb		Tractor
					Planter, Drill Type, 6		Carbofuran	7.00 Lb	1.69 Lb		
12	Apr	1.0	Remove Cap	100	Section Harrow, 3 Secti	5.00					Tractor
13	Apr	10.0	Irrigate			3.58	Water, Pump	4.00 AI	14.07 AF		Irrigator
14	May	4.0	Cultivate	100	Rolling Cultivator, 6 R	4.00					Tractor
15	Jun	1.0	Apply Herbicide/Groun	100	Directed Spray Rig, 8	6.00	Dicamba	1.00 Pt	78.80 Ga		Tractor
16	Jun	1.0	Thinning			0.04					Hand Weed
17	Jun	3.0	Hand Weeding			2.00					Hand Weed
18	Jul	3.0	Cultivate	100	Rolling Cultivator, 6 R	6.00					Tractor
19	Aug	2.0	Irrigate/Run Fertiliz			3.00	Water, Pump	5.00 AI	14.07 AF		Irrigator
							32-00-00, URAN 32,	19.00 Ga	187.50 Tn		
20	Aug	1.0	Apply Insecticide/Air		CST Air Spray, 5 Gal Mi		BT	2.00 Lb	12.71 Lb	5.55 Ac	
21	Sep	1.0	Prepare Ends	100	Offset Disk, 16.5'	40.00					Tractor
22	Oct	1.0	Harvest		Chili Harvester, SP 2 R	0.60					Tractor
											Other
											Other
23	Oct	1.0	Load Produce	60	Flat Trailer	0.60	Boxes & Supplies	10.00 Ct	0.95 Ct		Tractor
24	Oct	1.0	Haul, Custom		CST Haul Chile Peppers					0.03 Lb	
25	Dec	1.0	Cut Stalks	100	Rotary Stalk Cutter, 4	5.50					Tractor
26	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.