

Table 3.D Estimated costs and returns per Ac
 Trans Pecos Flood Irrigated Pecans
 Yrs 10-20, Far West Texas, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Pecans	lbs	1.65	1364.0000	2250.60	_____

TOTAL INCOME				2250.60	_____
DIRECT EXPENSES					
FERTILIZERS					
11-52-0	lb	0.12	80.0000	9.60	_____
N-32 in Water	lb	0.21	291.5000	61.22	_____
Other Trace Elements	lb	0.16	17.0000	2.72	_____
Zinc Sulphate	lb	0.38	25.0000	9.50	_____
HERBICIDES					
Roundup Ultra 4SL	pt	5.73	16.9800	97.30	_____
Crop Oil Concentrate	pt	1.06	56.0000	59.36	_____
INSECTICIDES					
Confirm 2F	oz	1.40	12.0000	16.80	_____
Lorsban 4E	pt	4.74	2.5000	11.85	_____
Custom					
Hedging	Ac	100.00	1.0000	100.00	_____
OPERATOR LABOR					
Tractors	hour	10.00	1.8720	18.79	_____
Self-Propelled	hour	10.00	1.2366	12.38	_____
IRRIGATION LABOR					
Well & Pump, Flood	hour	10.00	13.2226	132.24	_____
HAND LABOR					
Implements	hour	10.00	0.2501	2.50	_____
Self-Propelled	hour	10.00	0.5000	5.00	_____
Pecan Cleaning	hour	10.00	0.3819	3.82	_____
DIESEL FUEL					
Tractors	gal	2.42	14.2604	34.54	_____
Self-Propelled	gal	2.42	2.7500	6.65	_____
ELECTRICITY					
Pecan Cleaning	kWh	0.13	187.8626	24.42	_____
GASOLINE					
Self-Propelled	gal	2.10	0.7366	1.56	_____
Pickup	gal	2.10	26.1300	54.87	_____
NATURAL GAS					
Well & Pump, Flood	Mcf	7.00	51.6766	361.76	_____
REPAIR & MAINTENANCE					
Implements	Ac	11.61	1.0000	11.61	_____
Tractors	Ac	3.98	1.0000	3.98	_____
Self-Propelled	Ac	3.99	1.0000	3.99	_____
Well & Pump, Flood	ac-ic	1.00	57.0000	57.04	_____
Pecan Cleaning	lb	0.00	1364.0000	3.08	_____
Pickup	ea	1200.00	0.0087	10.44	_____
INTEREST ON OP. CAP.	Ac	58.31	1.0000	58.31	_____
TOTAL DIRECT EXPENSES				1175.33	_____
RETURNS ABOVE DIRECT EXPENSES				1075.27	_____
FIXED EXPENSES					
Implements	Ac	13.77	1.0000	13.77	_____
Tractors	Ac	28.90	1.0000	28.90	_____
Self-Propelled	Ac	16.37	1.0000	16.37	_____
Well & Pump, Flood	each	****. **	0.0004	121.43	_____
Pecan Cleaning	each	****. **	0.0004	50.69	_____
Pickup	each	6235.27	0.0006	4.16	_____
TOTAL FIXED EXPENSES				235.32	_____
TOTAL SPECIFIED EXPENSES				1410.65	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				839.95	_____
RESIDUAL ITEMS					
Trans Pecos Irr Lnd	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				799.95	_____
Perennial Pecan Orch	acre	101.55	1.0000	101.55	_____
RESIDUAL RETURNS				698.40	_____

Note: Cost of production estimates are based on last year's input price

Table 3.A Estimated resource use and costs for field operations, per Ac
 Trans Pecos Flood Irrigated Pecans
 Yrs 10-20, Far West Texas, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
-----dollars-----															
Hedging	Ac		1.00		Jan							1.0000	100.00	100.00	100.00
Stalk Shredder	14'	MFWD 150	0.117	1.00	Jan	2.52	2.29	0.93	0.68	0.11	1.18				7.60
ATV - 4 Wheeler	12'		0.122	1.00	Jan	0.50	1.37			0.12	1.23				3.10
Roundup Ultra 4SL	pt											2.8300	5.73	16.22	16.22
Stalk Shredder	14'	MFWD 150	0.117	1.00	Feb	2.52	2.29	0.93	0.68	0.11	1.18				7.60
Stalk Shredder	14'	MFWD 150	0.117	1.00	Mar	2.52	2.29	0.93	0.68	0.11	1.18				7.60
Fert Spreader (dry)		2WD 150	0.033	1.00	Mar	0.71	0.57	0.02	0.04	0.03	0.34				1.68
11-52-0	lb											80.0000	0.12	9.60	9.60
N-32 in Water	lb			1.00	Mar							140.5000	0.21	29.51	29.51
ATV - 4 Wheeler	12'		0.122	1.00	Mar	0.50	1.37			0.12	1.23				3.10
Roundup Ultra 4SL	pt											2.8300	5.73	16.22	16.22
Stalk Shredder-Flail	12'	MFWD 150	0.137	1.00	Apr	2.94	2.68	1.35	0.99	0.13	1.38				9.34
ATV - 4 Wheeler	12'		0.122	1.00	May	0.50	1.37			0.12	1.23				3.10
Roundup Ultra 4SL	pt											2.8300	5.73	16.22	16.22
N-32 in Water	lb											32.0000	0.21	6.72	6.72
Airblast sprayer		2WD 75	0.071	1.00	May	1.42	0.59	0.23	0.71	0.07	0.72				3.67
Crop Oil Concentrate	pt											8.0000	1.06	8.48	8.48
Confirm 2F	oz											12.0000	1.40	16.80	16.80
ATV - 4 Wheeler	12'		0.122	1.00	May	0.50	1.37			0.12	1.23				3.10
Roundup Ultra 4SL	pt											2.8300	5.73	16.22	16.22
Stalk Shredder-Flail	12'	MFWD 150	0.137	1.00	Jun	2.94	2.68	1.35	0.99	0.13	1.38				9.34
N-32 in Water	lb											34.0000	0.21	7.14	7.14
Airblast sprayer		2WD 75	0.071	1.00	Jun	1.42	0.59	0.23	0.71	0.07	0.72				3.67
Crop Oil Concentrate	pt											8.0000	1.06	8.48	8.48
N-32 in Water	lb											17.0000	0.21	3.57	3.57
Other Trace Elements	lb											3.4000	0.16	0.54	0.54
Zinc Sulphate	lb											5.0000	0.38	1.90	1.90
Stalk Shredder-Flail	12'	MFWD 150	0.137	1.00	Jul	2.94	2.68	1.35	0.99	0.13	1.38				9.34
Airblast sprayer		2WD 75	0.071	1.00	Jul	1.42	0.59	0.23	0.71	0.07	0.72				3.67
Crop Oil Concentrate	pt											8.0000	1.06	8.48	8.48
N-32 in Water	lb											17.0000	0.21	3.57	3.57
Other Trace Elements	lb											3.4000	0.16	0.54	0.54
Zinc Sulphate	lb											5.0000	0.38	1.90	1.90
Airblast sprayer		2WD 75	0.071	1.00	Aug	1.42	0.59	0.23	0.71	0.07	0.72				3.67
Crop Oil Concentrate	pt											8.0000	1.06	8.48	8.48
N-32 in Water	lb											17.0000	0.21	3.57	3.57
Other Trace Elements	lb											3.4000	0.16	0.54	0.54
Zinc Sulphate	lb											5.0000	0.38	1.90	1.90
Airblast sprayer		2WD 75	0.071	1.00	Aug	1.42	0.59	0.23	0.71	0.07	0.72				3.67
Crop Oil Concentrate	pt											8.0000	1.06	8.48	8.48
N-32 in Water	lb											17.0000	0.21	3.57	3.57
Other Trace Elements	lb											3.4000	0.16	0.54	0.54
Zinc Sulphate	lb											5.0000	0.38	1.90	1.90
Airblast sprayer		2WD 75	0.071	1.00	Aug	1.42	0.59	0.23	0.71	0.07	0.72				3.67
ATV - 4 Wheeler	12'		0.122			0.50	1.37			0.12	1.23				3.10
Roundup Ultra 4SL	pt											2.8300	5.73	16.22	16.22
Crop Oil Concentrate	pt											8.0000	1.06	8.48	8.48

Information presented is prepared solely as a general guide & not intended to recognize or predict the costs & returns from any one operation.
 These projections were collected & developed by TCE staff & approved for publication.

Projections for Planning Purposes Only
Not to be Used without Updating after November 1, 2005

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OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
Lorsban 4E	pt											2.5000	4.74	11.85	11.85
Airblast sprayer		2WD 75	0.071	1.00	Sep	1.42	0.59	0.23	0.71	0.07	0.72				3.67
Crop Oil Concentrate	pt											8.0000	1.06	8.48	8.48
N-32 in Water	lb											17.0000	0.21	3.57	3.57
Other Trace Elements	lb											3.4000	0.16	0.54	0.54
Zinc Sulphate	lb											5.0000	0.38	1.90	1.90
Stalk Shredder-Flail 12'		MFWD 150	0.137	1.00	Oct	2.94	2.68	1.35	0.99	0.13	1.38				9.34
Airblast sprayer		2WD 75	0.071	1.00	Oct	1.42	0.59	0.23	0.71	0.07	0.72				3.67
Crop Oil Concentrate	pt											8.0000	1.06	8.48	8.48
N-32 in Water	lb											17.0000	0.21	3.57	3.57
Other Trace Elements	lb											3.4000	0.16	0.54	0.54
Zinc Sulphate	lb											5.0000	0.38	1.90	1.90
ATV - 4 Wheeler	12'		0.122	1.00	Nov	0.50	1.37			0.12	1.23				3.10
Roundup Ultra 4SL	pt											2.8300	5.73	16.22	16.22
Stalk Shredder-Flail 12'		MFWD 150	0.137	1.00	Nov	2.94	2.68	1.35	0.99	0.13	1.38				9.34
Roller	32'	MFWD 170	0.046	1.00	Dec	1.13	1.08	0.04	0.31	0.04	0.47				3.03
Pecan tree shaker	1		0.500	1.00	Dec	9.20	8.15			1.00	10.00				27.35
Nut Sweeper		2WD 105	0.083	1.00	Dec	1.49	0.95	0.16	0.60	0.16	1.66				4.86
Pecan Harvester		2WD 105	0.166	1.00	Dec	2.99	1.90	0.24	0.86	0.33	3.34				9.33
Well & Pump, Flood	each			1.00	Jan									121.43	121.43
Application 1	ac-ic							52.35		1.65	16.53	0.0004			68.88
Application 2	ac-ic							52.35		1.65	16.53	7.1250			68.88
Application 3	ac-ic							52.35		1.65	16.53	7.1250			68.88
Application 4	ac-ic							52.35		1.65	16.53	7.1250			68.88
Application 5	ac-ic							52.35		1.65	16.53	7.1250			68.88
Application 6	ac-ic							52.35		1.65	16.53	7.1250			68.88
Application 7	ac-ic							52.35		1.65	16.53	7.1250			68.88
Application 8	ac-ic							52.35		1.65	16.53	7.1250			68.88
Pickup	each			1.00	Jan					4.16		0.0006			4.16
Application 1	ea							5.02				0.0006			5.02
Application 2	ea							5.02				0.0006			5.02
Application 3	ea							5.02				0.0006			5.02
Application 4	ea							50.25				0.0067			50.25
Pecan Cleaning	each			1.00	Dec					50.69		0.0004			50.69
Application 1	lb							27.50		0.38	3.82	1364.0000			31.32
TOTALS						50.72	45.27	523.22	190.05	17.46	174.73			368.35	1352.34
INTEREST ON OPERATING CAPITAL															58.31
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1410.65

Note: Cost of production estimates are based on last year's input prices.