

Table 7.D Estimated costs and returns per acre
Trans Pecos Flood Irrigated Pecans
Yrs 10-20, Far West Texas, 2013

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Pecans	lbs	2.25	1364.0000	3069.00	_____

TOTAL INCOME				3069.00	_____
DIRECT EXPENSES					
FERTILIZERS					
Fert 11-52-0	lb	0.38	80.0000	30.40	_____
N-32 in Water	lb	0.21	291.5000	61.22	_____
Zinc Sulphate	lb	0.80	25.0000	20.00	_____
HERBICIDES					
Glyphosate	pt	2.38	16.9800	40.41	_____
Crop Oil Concentrate	pt	1.63	56.0000	91.28	_____
INSECTICIDES					
Confirm 2F	oz	1.54	12.0000	18.48	_____
Lorsban 4E	pt	4.80	2.5000	12.00	_____
CUSTOM HIRE					
Hedging	ac	100.00	0.3300	33.00	_____
Operator Labor					
Tractors	hour	12.00	1.8720	22.46	_____
Self-Propelled	hour	12.00	1.2366	14.82	_____
Irrigation Labor					
Trans-Pec Fld/Fur NG	hour	11.00	0.7816	8.56	_____
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	3.65	14.2604	51.99	_____
Self-Propelled	gal	3.65	2.7500	10.04	_____
ELECTRICITY					
Pecan Cleaning	kWh	0.10	187.8626	18.79	_____
GASOLINE					
Self-Propelled	gal	3.52	0.7366	2.58	_____
Pickup	gal	3.52	6.4320	22.64	_____
NATURAL GAS					
Trans-Pec Fld/Fur NG	Mcf	4.25	35.2070	149.60	_____
REPAIR & MAINTENANCE					
Implements	acre	11.61	1.0000	11.61	_____
Tractors	acre	3.98	1.0000	3.98	_____
Self-Propelled	acre	3.99	1.0000	3.99	_____
Pecan Cleaning	lb	0.00	1364.0000	3.08	_____
Trans-Pec Fld/Fur NG	ac-in	0.28	57.0000	16.40	_____
Pickup	ea	1200.00	0.0026	3.20	_____
INTEREST ON OP. CAP.	acre	25.49	1.0000	25.49	_____
TOTAL DIRECT EXPENSES				687.37	_____
RETURNS ABOVE DIRECT EXPENSES				2381.63	_____
FIXED EXPENSES					
Implements	acre	12.56	1.0000	12.56	_____
Tractors	acre	26.39	1.0000	26.39	_____
Self-Propelled	acre	14.91	1.0000	14.91	_____
Pecan Cleaning	each	****. **	0.0004	44.51	_____
Trans-Pec Fld/Fur NG	each	6381.16	0.0083	53.18	_____
Pickup	each	5901.77	0.0006	3.93	_____
TOTAL FIXED EXPENSES				155.48	_____
TOTAL SPECIFIED EXPENSES				842.85	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				2226.15	_____
RESIDUAL ITEMS					
Trans Pecos Irr Lnd	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				2186.15	_____
Perennial Pecan Orch	acre	101.55	1.0000	101.55	_____
RESIDUAL RETURNS				2084.60	_____

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

Table 7.A Estimated resource use and costs for field operations, per acre
 Trans Pecos Flood Irrigated Pecans
 Yrs 10-20, Far West Texas, 2013

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	
						-----dollars-----				dollars		-----dollars-----			
Hedging	ac			0.33	Jan							0.3300	100.00	33.00	33.00
Stalk Shredder	14'	MFWD 150	0.117	1.00	Jan	3.64	2.10	0.93	0.62	0.11	1.41				8.70
ATV - 4 Wheeler	12'		0.122	1.00	Jan	0.67	1.26			0.12	1.47				3.40
Glyphosate	pt											2.8300	2.38	6.74	6.74
Stalk Shredder	14'	MFWD 150	0.117	1.00	Feb	3.64	2.10	0.93	0.62	0.11	1.41				8.70
Stalk Shredder	14'	MFWD 150	0.117	1.00	Mar	3.64	2.10	0.93	0.62	0.11	1.41				8.70
Fert Spreader (dry)		2WD 150	0.033	1.00	Mar	1.03	0.52	0.02	0.04	0.03	0.40				2.01
Fert 11-52-0	lb											80.0000	0.38	30.40	30.40
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	0.67	1.26			0.12	1.47				3.40
Glyphosate	pt											2.8300	2.38	6.74	6.74
Stalk Shredder-Flail 12'		MFWD 150	0.137	1.00	Apr	4.24	2.44	1.35	0.90	0.13	1.65				10.58
ATV - 4 Wheeler	12'		0.122	1.00	May	0.67	1.26			0.12	1.47				3.40
Glyphosate	pt											2.8300	2.38	6.74	6.74
N-32 in Water	lb											32.0000	0.21	6.72	6.72
Airblast sprayer		2WD 75	0.071	1.00	May	2.09	0.54	0.23	0.65	0.07	0.86				4.37
Crop Oil Concentrate	pt											8.0000	1.63	13.04	13.04
Confirm 2F	oz											12.0000	1.54	18.48	18.48
ATV - 4 Wheeler	12'		0.122	1.00	May	0.67	1.26			0.12	1.47				3.40
Glyphosate	pt											2.8300	2.38	6.74	6.74
Stalk Shredder-Flail 12'		MFWD 150	0.137	1.00	Jun	4.24	2.44	1.35	0.90	0.13	1.65				10.58
N-32 in Water	lb											34.0000	0.21	7.14	7.14
Airblast sprayer		2WD 75	0.071	1.00	Jun	2.09	0.54	0.23	0.65	0.07	0.86				4.37
Crop Oil Concentrate	pt											8.0000	1.63	13.04	13.04
N-32 in Water	lb											17.0000	0.21	3.57	3.57
Zinc Sulphate	lb											5.0000	0.80	4.00	4.00
Stalk Shredder-Flail 12'		MFWD 150	0.137	1.00	Jul	4.24	2.44	1.35	0.90	0.13	1.65				10.58
Airblast sprayer		2WD 75	0.071	1.00	Jul	2.09	0.54	0.23	0.65	0.07	0.86				4.37
Crop Oil Concentrate	pt											8.0000	1.63	13.04	13.04
N-32 in Water	lb											17.0000	0.21	3.57	3.57
Zinc Sulphate	lb											5.0000	0.80	4.00	4.00
Airblast sprayer		2WD 75	0.071	1.00	Aug	2.09	0.54	0.23	0.65	0.07	0.86				4.37
Crop Oil Concentrate	pt											8.0000	1.63	13.04	13.04
N-32 in Water	lb											17.0000	0.21	3.57	3.57
Zinc Sulphate	lb											5.0000	0.80	4.00	4.00
Airblast sprayer		2WD 75	0.071	1.00	Aug	2.09	0.54	0.23	0.65	0.07	0.86				4.37
ATV - 4 Wheeler	12'		0.122			0.67	1.26			0.12	1.47				3.40
Glyphosate	pt											2.8300	2.38	6.74	6.74
Crop Oil Concentrate	pt											8.0000	1.63	13.04	13.04
Lorsban 4E	pt											2.5000	4.80	12.00	12.00
Airblast sprayer		2WD 75	0.071	1.00	Sep	2.09	0.54	0.23	0.65	0.07	0.86				4.37
Crop Oil Concentrate	pt											8.0000	1.63	13.04	13.04
N-32 in Water	lb											17.0000	0.21	3.57	3.57
Zinc Sulphate	lb											5.0000	0.80	4.00	4.00
Stalk Shredder-Flail 12'		MFWD 150	0.137	1.00	Oct	4.24	2.44	1.35	0.90	0.13	1.65				10.58
Airblast sprayer		2WD 75	0.071	1.00	Oct	2.09	0.54	0.23	0.65	0.07	0.86				4.37
Crop Oil Concentrate	pt											8.0000	1.63	13.04	13.04
N-32 in Water	lb											17.0000	0.21	3.57	3.57
Zinc Sulphate	lb											5.0000	0.80	4.00	4.00
ATV - 4 Wheeler	12'		0.122	1.00	Nov	0.67	1.26			0.12	1.47				3.40
Glyphosate	pt											2.8300	2.38	6.74	6.74
Stalk Shredder-Flail 12'		MFWD 150	0.137	1.00	Nov	4.24	2.44	1.35	0.90	0.13	1.65				10.58
Roller	32'	MFWD 170	0.046	1.00	Dec	1.63	0.99	0.04	0.28	0.04	0.56				3.50
Pecan tree shaker	1		0.500	1.00	Dec	12.59	7.35			1.00	11.00				30.94
Nut Sweeper		2WD 105	0.083	1.00	Dec	2.19	0.87	0.16	0.55	0.16	1.83				5.60
Pecan Harvester		2WD 105	0.166	1.00	Dec	4.37	1.73	0.24	0.78	0.33	3.67				10.79
Trans-Pec Fld/Fur NG	each			1.00	Jan						53.18				53.18
Application 1	ac-in						20.75			0.09	1.07				21.82
Application 2	ac-in						20.75			0.09	1.07				21.82
Application 3	ac-in						20.75			0.09	1.07				21.82
Application 4	ac-in						20.75			0.09	1.07				21.82
Application 5	ac-in						20.75			0.09	1.07				21.82
Application 6	ac-in						20.75			0.09	1.07				21.82
Application 7	ac-in						20.75			0.09	1.07				21.82
Application 8	ac-in						20.75			0.09	1.07				21.82
Pickup	each			1.00	Jan				3.93						3.93
Application 1	ea						6.46								6.46
Application 2	ea						6.46								6.46
Application 3	ea						6.46								6.46
Application 4	ea						6.46								6.46
Pecan Cleaning	each			1.00	Dec				44.51						44.51
Application 1	lb						21.87			0.38	3.82		1364.0000		25.69
TOTALS						72.58	41.30	225.32	114.18	5.02	57.16			306.82	817.36
INTEREST ON OPERATING CAPITAL															25.49
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															842.85

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