

Table 9.A Estimated costs and returns per Acre
Trans-Pecos Pivot Irrigated Alfalfa
2003 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Alfalfa	ton	130.00	7.5000	975.00	_____
TOTAL INCOME				975.00	_____
DIRECT EXPENSES					
INSECTICIDES					
Declare	pint	3.50	0.1000	0.35	_____
Steward	Ounce	1.20	1.0000	1.20	_____
FERTILIZER					
11-52-0	lbs	0.12	425.0000	51.00	_____
Preharvest Chemical					
Treflan	pint	3.50	4.0000	14.00	_____
OPERATOR LABOR					
Tractors	hour	7.00	1.8087	12.66	_____
Self-Propelled Eq.	hour	7.00	0.7000	4.90	_____
HAND LABOR					
Implements	hour	7.00	1.2740	8.91	_____
IRRIGATION LABOR					
irrigation NG	hour	7.00	4.0960	28.67	_____
DIESEL FUEL					
Tractors	gal	1.10	19.3640	21.30	_____
Self-Propelled Eq.	gal	1.10	3.5000	3.85	_____
GASOLINE					
Self-Propelled Eq.	gal	1.30	4.2210	5.48	_____
NATURAL GAS					
irrigation NG	Mcf	3.00	64.0000	192.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	1.03	1.0000	1.03	_____
Tractors	Acre	27.63	1.0000	27.63	_____
Self-Propelled Eq.	Acre	0.94	1.0000	0.94	_____
irrigation NG	ac-in	2.03	64.0000	129.92	_____
INTEREST ON OP. CAP.	Acre	20.09	1.0000	20.09	_____
TOTAL DIRECT EXPENSES				523.96	_____
RETURNS ABOVE DIRECT EXPENSES				451.03	_____
FIXED EXPENSES					
Implements	Acre	7.21	1.0000	7.21	_____
Tractors	Acre	51.94	1.0000	51.94	_____
Self-Propelled Eq.	Acre	6.14	1.0000	6.14	_____
irrigation NG	Acre	33.60	1.0000	33.60	_____
TOTAL FIXED EXPENSES				98.90	_____
TOTAL SPECIFIED EXPENSES				622.87	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				352.12	_____
ALLOCATED COST ITEMS					
Trans-Pecos Irrig. L	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				312.12	_____
Maint. Whl Trks	acre	14.65	1.0000	14.65	_____
RESIDUAL RETURNS				297.47	_____
Perennial Alf Crop	acre	67.77	1.0000	67.77	_____
RESIDUAL RETURNS				229.70	_____

Table 9.B Estimated resource use and costs for field operations, per Acre
 Trans-Pecos Pivot Irrigated Alfalfa
 2003 Projected Costs and Returns per Acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
irrigation NG	ac-in			1.00	Mar			40.24	33.60	0.512	3.58	8.0000				77.42
Treflan	pint											2.0000	3.50	7.00		7.00
fertilizer rig		150	0.033	1.00	Mar	0.45	0.67	0.01	0.03	0.033	0.23					1.41
11-52-0	lbs											425.0000	0.12	51.00		51.00
3-pt. Sprayer-	60 ft	150	0.125	0.10	Mar	0.16	0.24	0.03	0.07	0.012	0.08					0.61
Declare	pint											0.1000	3.50	0.35		0.35
irrigation NG	ac-in			1.00	Apr			40.24		0.512	3.58	8.0000				43.82
Swather	18 ft		0.100	1.00	Apr			0.67	0.77	0.100	0.70					2.14
Rake	14 whl	140 hp	0.050	1.00	Apr	1.13	1.34	0.02	0.11	0.050	0.35					2.97
Baler	3X4 Bale	180	0.100	1.00	Apr	1.51	1.89	0.10	0.77	0.100	0.70					4.98
Loader		160 hp	0.100	1.00	Apr	4.22	4.01	0.01	0.11	0.282	1.97					10.33
irrigation NG	ac-in			1.00	May			40.24		0.512	3.58	8.0000				43.82
Swather	18 ft		0.100	1.00	May			0.67	0.77	0.100	0.70					2.14
Rake	14 whl	140 hp	0.050	1.00	May	1.13	1.34	0.02	0.11	0.050	0.35					2.97
Baler	3X4 Bale	180	0.100	1.00	May	1.51	1.89	0.10	0.77	0.100	0.70					4.98
Loader		160 hp	0.100	1.00	May	4.22	4.01	0.01	0.11	0.282	1.97					10.33
irrigation NG	ac-in			1.00	Jun			40.24		0.512	3.58	8.0000				43.82
Treflan	pint											2.0000	3.50	7.00		7.00
pickup #1			0.006	21.00	Jun			2.79	0.54							3.33
Swather	18 ft		0.100	1.00	Jun			0.67	0.77	0.100	0.70					2.14
Rake	14 whl	140 hp	0.050	1.00	Jun	1.13	1.34	0.02	0.11	0.050	0.35					2.97
Baler	3X4 Bale	180	0.100	1.00	Jun	1.51	1.89	0.10	0.77	0.100	0.70					4.98
Loader		160 hp	0.100	1.00	Jun	4.22	4.01	0.01	0.11	0.282	1.97					10.33
irrigation NG	ac-in			1.00	Jul			40.24		0.512	3.58	8.0000				43.82
pickup #2			0.006	21.00	Jul			2.75	0.19							2.95
Swather	18 ft		0.100	1.00	Jul			0.67	0.77	0.100	0.70					2.14
Rake	14 whl	140 hp	0.050	1.00	Jul	1.13	1.34	0.02	0.11	0.050	0.35					2.97
Baler	3X4 Bale	180	0.100	1.00	Jul	1.51	1.89	0.10	0.77	0.100	0.70					4.98
Loader		160 hp	0.100	1.00	Jul	4.22	4.01	0.01	0.11	0.282	1.97					10.33
irrigation NG	ac-in			1.00	Aug			40.24		0.512	3.58	8.0000				43.82
3-pt. Sprayer-	60 ft	150	0.125	0.10	Aug	0.16	0.24	0.03	0.07	0.012	0.08					0.61
Steward	Ounce											1.0000	1.20	1.20		1.20
Swather	18 ft		0.100	1.00	Aug			0.67	0.77	0.100	0.70					2.14
Rake	14 whl	140 hp	0.050	1.00	Aug	1.13	1.34	0.02	0.11	0.050	0.35					2.97
Baler	3X4 Bale	180	0.100	1.00	Aug	1.51	1.89	0.10	0.77	0.100	0.70					4.98
Loader		160 hp	0.100	1.00	Aug	4.22	4.01	0.01	0.11	0.282	1.97					10.33
irrigation NG	ac-in			1.00	Sep			40.24		0.512	3.58	8.0000				43.82
Swather	18 ft		0.100	1.00	Sep			0.67	0.77	0.100	0.70					2.14
Rake	14 whl	140 hp	0.050	1.00	Sep	1.13	1.34	0.02	0.11	0.050	0.35					2.97
Baler	3X4 Bale	180	0.100	1.00	Sep	1.51	1.89	0.10	0.77	0.100	0.70					4.98
Loader		160 hp	0.100	1.00	Sep	4.22	4.01	0.01	0.11	0.282	1.97					10.33
irrigation NG	ac-in			1.00	Oct			40.24		0.512	3.58	8.0000				43.82
Swather	18 ft		0.100	1.00	Oct			0.67	0.77	0.100	0.70					2.14
Rake	14 whl	140 hp	0.050	1.00	Oct	1.13	1.34	0.02	0.11	0.050	0.35					2.97
Baler	3X4 Bale	180	0.100	1.00	Oct	1.51	1.89	0.10	0.77	0.100	0.70					4.98

Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation.
 These projections were collected and developed by staff members of Texas Cooperative Extension and approved for publication.

*Projections for Planning Purposes Only
Not to be Used without Updating after February 15, 2003*

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Loader	160 hp	0.100	1.00	Oct	4.22	4.01	0.01	0.11	0.282	1.97		
					4.22	4.01	0.01	0.11	0.282	1.97		10.33
TOTALS					48.93	51.94	333.23	46.95	7.878	55.15	66.55	602.77
INTEREST ON OPERATING CAPITAL												20.09
UNALLOCATED LABOR												0.00
TOTAL SPECIFIED COST												622.87
