

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

Table 7.A Estimated costs and returns per Acre
El Paso Valley Furrow Irrigated Pima Cotton
2004 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
pima cotton lint	lb.	0.82	1100.0000	902.00	_____
pima cotton seed	lb.	0.03	1750.0000	61.25	_____

TOTAL INCOME				963.25	_____
DIRECT EXPENSES					
SEED					
seed-pima cotton	lb.	0.55	40.0000	22.00	_____
CROP INSURANCE					
MPCI 65%	acre	13.00	1.0000	13.00	_____
INSECTICIDES					
insecticide -cotton	pint	2.50	3.0000	7.50	_____
bollweevil	acre	20.00	1.0000	20.00	_____
CUSTOM					
Aerial Spraying	acre	4.00	3.0000	12.00	_____
gin,bag,tie-pima	cwt	3.30	37.9000	125.07	_____
module haul - pima	bale	55.00	2.0000	110.00	_____
FERTILIZER					
N21,P15,K7	lb.	0.12	300.0000	36.00	_____
booster shot of N	lb.	0.13	200.0000	26.00	_____
Preharvest Chemical					
broadcast prowl	pint	2.88	1.5000	4.32	_____
spot spray w caperol	pint	1.00	2.0000	2.00	_____
pix	oz	1.16	18.0000	20.88	_____
Harvest Chemical					
cyclone defoliant	oz.	0.25	22.0000	5.50	_____
defoliant	pint	1.00	10.0000	10.00	_____
Miscellaneous					
excess water	ac-in.	1.25	6.0000	7.50	_____
Labor					
Irrigation Labor	Hr/ac	7.00	8.8000	61.60	_____
OPERATOR LABOR					
Implements	hour	7.00	1.1256	7.87	_____
Tractors	hour	7.00	3.9627	27.73	_____
HAND LABOR					
Implements	hour	7.00	0.4780	3.34	_____
DIESEL FUEL					
Tractors	gal	1.06	31.5191	33.41	_____
Self-Propelled Eq.	gal	1.06	6.0000	6.36	_____
GASOLINE					
Self-Propelled Eq.	gal	1.47	4.2210	6.20	_____
REPAIR & MAINTENANCE					
Implements	Acre	16.11	1.0000	16.11	_____
Tractors	Acre	20.54	1.0000	20.54	_____
Self-Propelled Eq.	Acre	3.29	1.0000	3.29	_____
INTEREST ON OP. CAP.	Acre	14.37	1.0000	14.37	_____

TOTAL DIRECT EXPENSES				622.63	_____
RETURNS ABOVE DIRECT EXPENSES				340.61	_____
FIXED EXPENSES					
Implements	Acre	40.18	1.0000	40.18	_____
Tractors	Acre	77.69	1.0000	77.69	_____
Self-Propelled Eq.	Acre	25.14	1.0000	25.14	_____

TOTAL FIXED EXPENSES				143.02	_____

TOTAL SPECIFIED EXPENSES				765.66	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				197.58	_____
ALLOCATED COST ITEMS					
lease - pima cotton	acre	100.00	1.0000	100.00	_____
RESIDUAL RETURNS				97.58	_____

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Table 7.B Estimated resource use and costs for field operations, per Acre
El Paso Valley Furrow Irrigated Pima Cotton
2004 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-----			
stalk cutter/chp'r-		150	0.120	1.00	Dec	1.57	2.38	0.30	0.59	0.120	0.84				5.69
Chisel/Ripper-	11 shank	180	0.099	1.00	Jan	1.47	1.88	0.25	1.34	0.219	1.53				6.49
Disc - Offset-	19 ft	150	0.138	1.00	Jan	1.80	2.74	0.47	2.07	0.303	2.12				9.23
moldboard-	6 bottom	180	0.286	1.00	Jan	4.24	5.42	1.30	2.00	0.630	4.41				17.38
Disc - Offset-	19 ft	150	0.138	2.00	Feb	3.61	5.49	0.95	4.15	0.607	4.25				18.46
Land Plane-		180	0.118	2.00	Feb	3.50	4.47	3.30	5.05	0.236	1.65				17.98
Disc - Offset-	19 ft	180	0.138	1.00	Feb	2.04	2.61	0.47	2.07	0.303	2.12				9.33
fertilizer rig		150	0.033	1.00	Mar	0.44	0.67	0.01	0.03	0.033	0.23				1.40
N21,P15,K7	lb.											300.0000	0.12	36.00	36.00
lister-	8 row	180	0.133	1.00	Mar	1.97	2.52	0.31	0.39	0.133	0.93				6.14
Rear Blade		150	0.099	1.00	Mar	1.30	1.98	0.24	0.33	0.099	0.69				4.56
Irrigation Labor	Hr/ac			1.00	Mar							1.7600	7.00	12.32	12.32
Rear Blade		150	0.099	1.00	Mar	1.30	1.98	0.24	0.33	0.099	0.69				4.56
3-pt. Sprayer-	60 ft	150	0.125	1.00	Mar	1.63	2.48	0.31	0.77	0.125	0.87				6.09
broadcast prowl	pint											1.5000	2.88	4.32	4.32
Rolling Cultivator		150		1.00	Mar										
spot spray w caperol	pint			1.00	Mar							2.0000	1.00	2.00	2.00
springtooth harrow-	30 ft	150	0.166	1.00	Mar	2.18	3.31	0.28	0.96	0.166	1.16				7.91
planter / replanter-	8 row	150	0.137	1.00	Apr	1.80	2.73	1.93	8.46	0.137	0.96				15.89
seed-pima cotton	lb.											40.0000	0.55	22.00	22.00
springtooth harrow-	30 ft	150	0.166	1.00	May	2.18	3.31	0.28	0.96	0.166	1.16				7.91
row cultivator-		150	0.103	1.00	May	1.35	2.05	0.20	0.66	0.103	0.72				4.99
fertilizer rig		150	0.033	1.00	Jun	0.44	0.67	0.01	0.03	0.033	0.23				1.40
booster shot of N	lb.											200.0000	0.13	26.00	26.00
insecticide -cotton	pint											1.0000	2.50	2.50	2.50
pickup #1			0.006	21.00	Jun			3.14	0.54						3.69
Rear Blade		150	0.099	1.00	Jun	1.30	1.98	0.24	0.33	0.099	0.69				4.56
Irrigation Labor	Hr/ac			1.00	Jun							1.7600	7.00	12.32	12.32
3-pt. Sprayer-	60 ft	150	0.125	1.00	Jun	1.63	2.48	0.31	0.77	0.125	0.87				6.09
pix	oz											6.0000	1.16	6.96	6.96
Rear Blade		150	0.099	1.00	Jun	1.30	1.98	0.24	0.33	0.099	0.69				4.56
Rolling Cultivator		150		1.00	Jul										
shank cultivator-		180	0.147	1.00	Jul	2.18	2.78	0.71	1.09	0.147	1.03				7.81
Rear Blade		150	0.099	1.00	Jul	1.30	1.98	0.24	0.33	0.099	0.69				4.56
Irrigation Labor	Hr/ac			1.00	Jul							1.7600	7.00	12.32	12.32
insecticide -cotton	pint			1.00	Jul							1.0000	2.50	2.50	2.50
Aerial Spraying	acre											1.0000	4.00	4.00	4.00
Rear Blade		150	0.099	1.00	Jul	1.30	1.98	0.24	0.33	0.099	0.69				4.56
Rear Blade		150	0.099	1.00	Jul	1.30	1.98	0.24	0.33	0.099	0.69				4.56
Irrigation Labor	Hr/ac			1.00	Jul							1.7600	7.00	12.32	12.32
row cultivator-		150	0.103	1.00	Jul	1.35	2.05	0.20	0.66	0.103	0.72				4.99
Rear Blade		150	0.099	1.00	Jul	1.30	1.98	0.24	0.33	0.099	0.69				4.56
3-pt. Sprayer-	60 ft	150	0.125	1.00	Aug	1.63	2.48	0.31	0.77	0.125	0.87				6.09
pix	oz											6.0000	1.16	6.96	6.96
shank cultivator-		180	0.147	1.00	Aug	2.18	2.78	0.71	1.09	0.147	1.03				7.81

*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*

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Rear Blade		150	0.099	1.00	Aug	1.30	1.98	0.24	0.33	0.099	0.69					4.56	
Irrigation Labor	Hr/ac			1.00	Aug							1.7600	7.00	12.32		12.32	
Rear Blade		150	0.099	1.00	Aug	1.30	1.98	0.24	0.33	0.099	0.69					4.56	
3-pt. Sprayer-	60 ft	150	0.125	1.00	Sep	1.63	2.48	0.31	0.77	0.125	0.87					6.09	
insecticide -cotton	pint											1.0000	2.50	2.50		2.50	
pix	oz											6.0000	1.16	6.96		6.96	
pickup #2			0.006	21.00	Sep			3.11	0.19							3.31	
MPCI 65%	acre			1.00	Sep							1.0000	13.00	13.00		13.00	
excess water	ac-in.											6.0000	1.25	7.50		7.50	
cyclone defoliant	oz.			1.00	Oct							22.0000	0.25	5.50		5.50	
Aerial Spraying	acre											1.0000	4.00	4.00		4.00	
defoliant	pint			1.00	Oct							10.0000	1.00	10.00		10.00	
Aerial Spraying	acre											1.0000	4.00	4.00		4.00	
Module Builder-	w/autotamp	150	0.129	1.00	Oct			0.30	1.02	0.239	1.67					3.00	
Cotton Picker	4 row		0.250					4.79	12.20							17.00	
gin, bag, tie-pima	cwt			1.00	Nov							37.9000	3.30	125.07		125.07	
module haul - pima	bale											2.0000	55.00	110.00		110.00	
bollweevil	acre			1.00	Nov							1.0000	20.00	20.00		20.00	
Module Builder-	w/autotamp	150	0.129	1.00	Nov			0.30	1.02	0.239	1.67					3.00	
Cotton Picker	4 row		0.250					4.79	12.20							17.00	
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TOTALS						53.95	77.69	31.97	65.32	5.566	38.96					483.37	751.29
INTEREST ON OPERATING CAPITAL																	14.37
UNALLOCATED LABOR																	0.00
TOTAL SPECIFIED COST																	765.66