

Table 5.A Estimated costs and returns per Acre
El Paso Valley Furrow Irrigated Pima Cotton
2003 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	_____
DIESEL FUEL					
Tractors	gal	1.10	31.5191	34.67	_____
Self-Propelled Eq.	gal	1.10	6.0000	6.60	_____
GASOLINE					
Self-Propelled Eq.	gal	1.30	4.2210	5.48	_____
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	14.38	1.0000	14.38	_____
TOTAL DIRECT EXPENSES				620.08	_____
RETURNS ABOVE DIRECT EXPENSES				343.16	_____
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				763.11	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				200.13	_____
ALLOCATED COST ITEMS					
lease - pima cotton	acre	100.00	1.0000	100.00	_____
RESIDUAL RETURNS				100.13	_____

Table 5.B Estimated resource use and costs for field operations, per Acre
 El Paso Valley Furrow Irrigated Pima Cotton
 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-----				
stalk cutter/chp'r-		150	0.120	1.00	Dec	1.60	2.38	0.30	0.59	0.120	0.84					5.73
Chisel/Ripper-	11 shank	180	0.099	1.00	Jan	1.51	1.88	0.25	1.34	0.219	1.53					6.53
Disc - Offset-	19 ft	150	0.138	1.00	Jan	1.85	2.74	0.47	2.07	0.303	2.12					9.27
moldboard-	6 bottom	180	0.286	1.00	Jan	4.34	5.42	1.30	2.00	0.630	4.41					17.48
Disc - Offset-	19 ft	150	0.138	2.00	Feb	3.70	5.49	0.95	4.15	0.607	4.25					18.55
Land Plane-		180	0.118	2.00	Feb	3.58	4.47	3.30	5.05	0.236	1.65					18.06
Disc - Offset-	19 ft	180	0.138	1.00	Feb	2.09	2.61	0.47	2.07	0.303	2.12					9.38
fertilizer rig		150	0.033	1.00	Mar	0.45	0.67	0.01	0.03	0.033	0.23					1.41
N21,P15,K7	lb.											300.0000	0.12	36.00		36.00
lister-	8 row	180	0.133	1.00	Mar	2.02	2.52	0.31	0.39	0.133	0.93					6.18
Rear Blade		150	0.099	1.00	Mar	1.33	1.98	0.24	0.33	0.099	0.69					4.59
Irrigation Labor	Hr/ac			1.00	Mar							1.7600	7.00	12.32		12.32
Rear Blade		150	0.099	1.00	Mar	1.33	1.98	0.24	0.33	0.099	0.69					4.59
3-pt. Sprayer-	60 ft	150	0.125	1.00	Mar	1.67	2.48	0.31	0.77	0.125	0.87					6.12
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	2.23	3.31	0.28	0.96	0.166	1.16					7.96
planter / replanter-	8 row	150	0.137	1.00	Apr	1.84	2.73	1.93	8.46	0.137	0.96					15.93
seed-pima cotton	lb.											40.0000	0.55	22.00		22.00
springtooth harrow-	30 ft	150	0.166	1.00	May	2.23	3.31	0.28	0.96	0.166	1.16					7.96
row cultivator-		150	0.103	1.00	May	1.38	2.05	0.20	0.66	0.103	0.72					5.02
fertilizer rig		150	0.033	1.00	Jun	0.45	0.67	0.01	0.03	0.033	0.23					1.41
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			2.79	0.54							3.33
Rear Blade		150	0.099	1.00	Jun	1.33	1.98	0.24	0.33	0.099	0.69					4.59
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	1.67	2.48	0.31	0.77	0.125	0.87					6.12
pix	oz											6.0000	1.16	6.96		6.96
Rear Blade		150	0.099	1.00	Jun	1.33	1.98	0.24	0.33	0.099	0.69					4.59
Rolling Cultivator		150		1.00	Jul											
shank cultivator-		180	0.147	1.00	Jul	2.23	2.78	0.71	1.09	0.147	1.03					7.86
Rear Blade		150	0.099	1.00	Jul	1.33	1.98	0.24	0.33	0.099	0.69					4.59
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	1.33	1.98	0.24	0.33	0.099	0.69					4.59
Rear Blade		150	0.099	1.00	Jul	1.33	1.98	0.24	0.33	0.099	0.69					4.59
Irrigation Labor	Hr/ac			1.00	Jul							1.7600	7.00	12.32		12.32
row cultivator-		150	0.103	1.00	Jul	1.38	2.05	0.20	0.66	0.103	0.72					5.02
Rear Blade		150	0.099	1.00	Jul	1.33	1.98	0.24	0.33	0.099	0.69					4.59
3-pt. Sprayer-	60 ft	150	0.125	1.00	Aug	1.67	2.48	0.31	0.77	0.125	0.87					6.12
pix	oz											6.0000	1.16	6.96		6.96
shank cultivator-		180	0.147	1.00	Aug	2.23	2.78	0.71	1.09	0.147	1.03					7.86

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.

