

Table 24.A Estimated costs and returns per acre  
Cantaloupes, Irrigated  
2005 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
cantaloupes	crtn	6.50	350.0000	2275.00	_____
TOTAL INCOME				2275.00	_____
DIRECT EXPENSES					
SEED					
seed cantelope	lb	100.00	0.5000	50.00	_____
CROP INSURANCE					
crop insurance-NAP	acre	2.00	1.0000	2.00	_____
FUNGICIDE					
fungicide cantelope	acre	10.00	3.0000	30.00	_____
INSECTICIDE					
insect cantelope	acre	7.50	1.0000	7.50	_____
FERTILIZER					
phosphate	lb	0.38	75.0000	28.80	_____
nitrogen dry	lb	0.34	50.0000	17.00	_____
nitrogen liq	lb	0.36	40.0000	14.40	_____
MISC ADMIN O/H					
mis admin o/h	acre	3.00	1.0000	3.00	_____
Pecan - Irrigation					
beehive rent	hive	6.00	1.0000	6.00	_____
MISC					
hired labor	hour	8.90	6.0000	53.40	_____
HERBICIDES					
herbicide cantelope	acre	7.50	1.0000	7.50	_____
CUSTOM					
herb appl	acre	4.50	1.0000	4.50	_____
pesticide appl veg	acre	4.50	3.0000	13.50	_____
consult fee veg	acre	12.00	1.0000	12.00	_____
harv pk mk cantelope	crtn	4.25	300.0000	1275.00	_____
IRRIGATION					
irrigation costs	ac/in	5.00	10.0000	50.00	_____
OPERATOR LABOR					
Tractors	hour	8.90	1.4344	12.76	_____
IRRIGATION LABOR					
irr system 1	hour	8.90	0.5000	4.45	_____
DIESEL FUEL					
Tractors	gal	1.60	9.5477	15.27	_____
GASOLINE					
Pick-up, 3/4 ton	gal	2.15	0.9100	1.95	_____
REPAIR & MAINTENANCE					
Implements	acre	7.84	1.0000	7.84	_____
Tractors	acre	16.22	1.0000	16.22	_____
Pick-up, 3/4 ton	acre	1.00	1.0000	1.00	_____
irr system 1	ac/in	0.17	10.0000	1.70	_____
INTEREST ON OP. CAP.	acre	16.50	1.0000	16.50	_____
TOTAL DIRECT EXPENSES				1652.31	_____
RETURNS ABOVE DIRECT EXPENSES				622.68	_____
FIXED EXPENSES					
Implements	acre	15.34	1.0000	15.34	_____
Tractors	acre	27.72	1.0000	27.72	_____
Pick-up, 3/4 ton	acre	3.00	1.0000	3.00	_____
irr system 1	ac/in	0.17	10.0000	1.70	_____
TOTAL FIXED EXPENSES				47.77	_____
TOTAL SPECIFIED EXPENSES				1700.08	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				574.91	_____
ALLOCATED COST ITEMS					
cash rent veg	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				524.91	_____

Projections for Planning Purposes Only  
 Not to be Used without Updating after October 15, 2004

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Table 24.B Estimated resource use and costs for field operations, per acre  
 Cantaloupes, Irrigated  
 2005 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-----			
shredder		100	0.199	1.00	Dec	3.81	3.58	0.58	0.91	0.199	1.77				10.68
cultivator 8 row	8 row	125	0.103	1.00	Dec	2.37	2.17	0.53	1.10	0.103	0.91				7.10
offset disc - veg	20 feet	200	0.103	1.00	Jan	2.72	2.11	1.06	2.20	0.103	0.91				9.01
cultivator 8 row	8 row	125	0.103	1.00	Jan	2.37	2.17	0.53	1.10	0.103	0.91				7.10
moleboard plow veg2		150	0.169	1.00	Jan	3.74	2.81	1.25	1.96	0.169	1.51				11.28
offset disc - veg	20 feet	200	0.103	1.00	Jan	2.72	2.11	1.06	2.20	0.103	0.91				9.01
bedder	6-row	100	0.114	1.00	Feb	2.18	2.05	0.36	0.76	0.114	1.01				6.39
herbicide cantelope	acre											1.0000	7.50	7.50	7.50
herb appl	acre											1.0000	4.50	4.50	4.50
phospate	lb			1.00	Feb							75.0000	0.38	28.80	28.80
nitrogen dry	lb											50.0000	0.34	17.00	17.00
crop insurance-NAP	acre			1.00	Mar							1.0000	2.00	2.00	2.00
beehive rent	hive											1.0000	6.00	6.00	6.00
cultivator 8 row	8 row	125	0.103	1.00	Mar	2.37	2.17	0.53	1.10	0.103	0.91				7.10
planter-stanhay		100	0.229	1.00	Mar	4.40	4.14	0.85	1.76	0.229	2.04				13.21
seed cantelope	lb											0.5000	100.00	50.00	50.00
irrigation costs	ac/in											4.0000	5.00	20.00	20.00
hired labor	hour			1.00	Apr							6.0000	8.90	53.40	53.40
nitrogen liq	lb			1.00	Apr							40.0000	0.36	14.40	14.40
fungicide cantelope	acre			1.00	Apr							1.0000	10.00	10.00	10.00
pesticide appl veg	acre											1.0000	4.50	4.50	4.50
insect cantelope	acre											1.0000	7.50	7.50	7.50
cultivator 8 row	8 row	125	0.103	1.00	Apr	2.37	2.17	0.53	1.10	0.103	0.91				7.10
irrigation costs	ac/in											4.0000	5.00	20.00	20.00
Pick-up, 3/4 ton	acre			1.00	Apr			2.95	3.00			1.0000			5.95
mis admin o/h	acre											1.0000	3.00	3.00	3.00
consult fee veg	acre											1.0000	12.00	12.00	12.00
irrigation costs	ac/in			1.00	May							2.0000	5.00	10.00	10.00
cultivator 8 row	8 row	125	0.103	1.00	May	2.37	2.17	0.53	1.10	0.103	0.91				7.10
fungicide cantelope	acre			1.00	May							1.0000	10.00	10.00	10.00
pesticide appl veg	acre											1.0000	4.50	4.50	4.50
fungicide cantelope	acre			1.00	Jun							1.0000	10.00	10.00	10.00
pesticide appl veg	acre											1.0000	4.50	4.50	4.50
irr system 1	ac/in			1.00	Jun			1.70	1.70	0.500	4.45	10.0000			7.85
harv pk mk cantelope crtn												300.0000	4.25	1275.00	1275.00
TOTALS						31.50	27.72	12.49	20.04	1.934	17.21			1574.60	1683.58
INTEREST ON OPERATING CAPITAL															16.50
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1700.08

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.