

Table 25.A Estimated costs and returns per acre  
 Carrots, Irrigated  
 2006 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
carrots	ton	50.00	15.0000	750.00	_____
				-----	
TOTAL INCOME				750.00	_____
DIRECT EXPENSES					
SEED					
seed carrot	lb	77.00	2.0000	154.00	_____
CROP INSURANCE					
crop insurance-NAP	acre	2.00	1.0000	2.00	_____
FUNGICIDE					
fungicide carrot	acre	10.00	3.0000	30.00	_____
INSECTICIDE					
insect carrot	acre	10.00	1.0000	10.00	_____
FERTILIZER					
phospate	lb	0.42	75.0000	31.50	_____
nitrogen dry	lb	0.37	60.0000	22.20	_____
nitrogen liq	lb	0.37	60.0000	22.20	_____
MISC ADMIN O/H					
mis admin o/h carrot	acre	7.00	1.0000	7.00	_____
HERBICIDES					
herbicide carrot 1	acre	6.00	1.0000	6.00	_____
herbicide carrot 2	acre	10.00	2.0000	20.00	_____
CUSTOM					
herb appl	acre	4.50	3.0000	13.50	_____
consult fee veg	acre	12.00	1.0000	12.00	_____
pesticide appl veg	acre	4.50	3.0000	13.50	_____
harv pk mk carrot	ton	15.00	15.0000	225.00	_____
IRRIGATION					
irrigation costs	ac/in	5.50	18.0000	99.00	_____
OPERATOR LABOR					
Tractors	hour	8.40	1.2605	10.58	_____
IRRIGATION LABOR					
irr system 1	hour	8.90	0.9000	8.01	_____
DIESEL FUEL					
Tractors	gal	2.00	8.8353	17.67	_____
GASOLINE					
Pick-up, 3/4 ton	gal	2.20	0.9100	2.00	_____
REPAIR & MAINTENANCE					
Implements	acre	12.02	1.0000	12.02	_____
Tractors	acre	14.12	1.0000	14.12	_____
Pick-up, 3/4 ton	acre	1.00	1.0000	1.00	_____
irr system 1	ac/in	0.17	18.0000	3.06	_____
INTEREST ON OP. CAP.	acre	18.80	1.0000	18.80	_____
				-----	
TOTAL DIRECT EXPENSES				755.19	_____
RETURNS ABOVE DIRECT EXPENSES				-5.19	_____
FIXED EXPENSES					
Implements	acre	24.36	1.0000	24.36	_____
Tractors	acre	24.14	1.0000	24.14	_____
Pick-up, 3/4 ton	acre	3.00	1.0000	3.00	_____
irr system 1	ac/in	0.17	18.0000	3.06	_____
				-----	
TOTAL FIXED EXPENSES				54.56	_____
				-----	
TOTAL SPECIFIED EXPENSES				809.75	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-59.75	_____
ALLOCATED COST ITEMS					
cash rent veg	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				-109.75	_____

Projections for Planning Purposes Only  
 Not to be Used without Updating after November 1, 2005

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Table 25.B Estimated resource use and costs for field operations, per acre  
 Carrots, Irrigated  
 2006 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-----				
offset disc	12-foot	125	0.130	1.00	Jun	3.34	2.74	0.73	1.52	0.130	1.09					9.44
moleboard plow veg2		150	0.170	1.00	Jun	4.27	2.81	1.25	1.96	0.170	1.42					11.73
land plane		100	0.190	1.00	Jun	4.07	3.44	1.06	2.20	0.190	1.60					12.39
offset disc 20 ft	20 ft	200	0.103	1.00	Jun	3.09	2.11	3.09	6.43	0.103	0.86					15.59
herbicide carrot 1	acre			1.00	Jun							1.0000	6.00	6.00	6.00	6.00
herb appl	acre											1.0000	4.50	4.50	4.50	4.50
consult fee veg	acre			1.00	Jun							1.0000	12.00	12.00	12.00	12.00
mis admin o/h carrot	acre											1.0000	7.00	7.00	7.00	7.00
offset disc 20 ft	20 ft	200	0.103	1.00	Jul	3.09	2.11	3.09	6.43	0.103	0.86					15.59
bedder	6-row	100	0.114	1.00	Jul	2.43	2.05	0.36	0.76	0.114	0.95					6.58
phospate	lb			1.00	Jul							75.0000	0.42	31.50	31.50	31.50
nitrogen dry	lb											60.0000	0.37	22.20	22.20	22.20
planter	6 row	150	0.140	1.00	Jul	3.51	2.31	0.82	1.72	0.140	1.17					9.56
irrigation costs	ac/in			1.00	Jul							3.0000	5.50	16.50	16.50	16.50
seed carrot	lb											2.0000	77.00	154.00	154.00	154.00
crop insurance-NAP	acre											1.0000	2.00	2.00	2.00	2.00
irrigation costs	ac/in			1.00	Jul							3.0000	5.50	16.50	16.50	16.50
irrigation costs	ac/in			1.00	Jul							3.0000	5.50	16.50	16.50	16.50
cultivator 8 row	8 row	125	0.103	1.00	Aug	2.65	2.17	0.53	1.10	0.103	0.86					7.33
nitrogen liq	lb											60.0000	0.37	22.20	22.20	22.20
herbicide carrot 2	acre			1.00	Aug							1.0000	10.00	10.00	10.00	10.00
herb appl	acre											1.0000	4.50	4.50	4.50	4.50
irrigation costs	ac/in			1.00	Aug							3.0000	5.50	16.50	16.50	16.50
cultivator 8 row	8 row	125	0.103	1.00	Sep	2.65	2.17	0.53	1.10	0.103	0.86					7.33
fungicide carrot	acre			1.00	Sep							2.0000	10.00	20.00	20.00	20.00
pesticide appl veg	acre											2.0000	4.50	9.00	9.00	9.00
herb appl	acre											1.0000	4.50	4.50	4.50	4.50
herbicide carrot 2	acre											1.0000	10.00	10.00	10.00	10.00
irrigation costs	ac/in			1.00	Sep							3.0000	5.50	16.50	16.50	16.50
cultivator 8 row	8 row	125	0.103	1.00	Oct	2.65	2.17	0.53	1.10	0.103	0.86					7.33
insect carrot	acre			1.00	Oct							1.0000	10.00	10.00	10.00	10.00
fungicide carrot	acre											1.0000	10.00	10.00	10.00	10.00
pesticide appl veg	acre											1.0000	4.50	4.50	4.50	4.50
irrigation costs	ac/in			1.00	Oct							3.0000	5.50	16.50	16.50	16.50
Pick-up, 3/4 ton	acre			1.00	Nov			3.00	3.00			1.0000				6.00
irr system 1	ac/in			1.00	Dec			3.06	3.06	0.900	8.01	18.0000				14.13
harv pk mk carrot	ton											15.0000	15.00	225.00	225.00	225.00
TOTALS						31.79	24.14	18.09	30.42	2.160	18.59			667.90		790.95
INTEREST ON OPERATING CAPITAL																18.80
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																809.75

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.