

Table 29.A Estimated costs and returns per Acre
Fresh Market Spinach, Irrigated
2006 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
spinach fresh	crtn	9.50	240.0000	2280.00	_____

TOTAL INCOME				2280.00	_____
DIRECT EXPENSES					
SEED					
seed spinach	lb	6.00	6.0000	36.00	_____
CROP INSURANCE					
crop insurance-NAP	acre	2.00	1.0000	2.00	_____
FUNGICIDE					
fungicide spinach1	acre	35.00	1.0000	35.00	_____
fungicide spinach	acre	20.00	2.0000	40.00	_____
INSECTICIDE					
insect spinach	acre	20.00	4.0000	80.00	_____
insect spinach #1	acre	12.00	1.0000	12.00	_____
FERTILIZER					
nitrogen dry	lb	0.37	110.0000	40.70	_____
phosphate	lb	0.42	100.0000	42.00	_____
MISC ADMIN O/H					
mis admin o/h	acre	3.00	1.7500	5.25	_____
MISC					
hired labor \$7	hour	7.00	3.0000	21.00	_____
HERBICIDES					
herbicide spinach	acre	15.00	1.0000	15.00	_____
herbicide spinach b	acre	8.00	1.0000	8.00	_____
CUSTOM					
consult fee veg	acre	12.00	1.0000	12.00	_____
herb appl	acre	4.50	2.0000	9.00	_____
pesticide appl veg	acre	4.50	5.0000	22.50	_____
fungicide appl - spi	acre	4.50	1.0000	4.50	_____
fertilizer appl	acre	1.80	1.0000	1.80	_____
harv pk mkt spinach	bu	6.30	240.0000	1512.00	_____
IRRIGATION					
irrigation costs	ac/in	5.50	16.0000	88.00	_____
OPERATOR LABOR					
Tractors	hour	8.40	1.2892	10.83	_____
IRRIGATION LABOR					
irr system 1	hour	8.90	0.8000	7.12	_____
DIESEL FUEL					
Tractors	gal	2.00	8.6656	17.33	_____
GASOLINE					
Pick-up, 3/4 ton	gal	2.20	0.9100	2.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	11.88	1.0000	11.88	_____
Tractors	Acre	14.55	1.0000	14.55	_____
Pick-up, 3/4 ton	acre	1.00	1.0000	1.00	_____
irr system 1	ac/in	0.17	16.0000	2.72	_____
INTEREST ON OP. CAP.	Acre	24.91	1.0000	24.91	_____

TOTAL DIRECT EXPENSES				2079.10	_____
RETURNS ABOVE DIRECT EXPENSES				200.89	_____
FIXED EXPENSES					
Implements	Acre	23.85	1.0000	23.85	_____
Tractors	Acre	24.87	1.0000	24.87	_____
Pick-up, 3/4 ton	acre	3.00	1.0000	3.00	_____
irr system 1	ac/in	0.17	16.0000	2.72	_____

TOTAL FIXED EXPENSES				54.45	_____

TOTAL SPECIFIED EXPENSES				2133.56	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				146.43	_____
ALLOCATED COST ITEMS					
cash rent spinach	acre	35.00	1.0000	35.00	_____
RESIDUAL RETURNS				111.43	_____

Table 29.B Estimated resource use and costs for field operations, per Acre
 Fresh Market Spinach, 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-----					
shredder		100	0.130	1.00	Aug	2.77	2.34	0.38	0.60	0.130	1.09					7.19	
offset disc	12-foot	125	0.130	1.00	Aug	3.34	2.74	0.73	1.52	0.130	1.09					9.44	
moleboard plow veg2		150	0.170	1.00	Aug	4.27	2.81	1.25	1.96	0.170	1.42					11.73	
offset disc 20 ft	20 ft	200	0.103	1.00	Aug	3.09	2.11	3.09	6.43	0.103	0.86					15.59	
nitrogen dry	lb			1.00	Aug											18.50	
phospate	lb											50.0000	0.37	18.50		18.50	
mis admin o/h	acre											100.0000	0.42	42.00		42.00	
offset disc 20 ft	20 ft	200	0.103	1.00	Aug	3.09	2.11	3.09	6.43	0.103	0.86	1.0000	3.00	3.00		3.00	
bedder	6-row	100	0.114	1.00	Aug	2.43	2.05	0.36	0.76	0.114	0.95					6.58	
irrigation costs	ac/in											4.0000	5.50	22.00		22.00	
herbicide spinach	acre			1.00	Aug							1.0000	15.00	15.00		15.00	
insect spinach	acre											1.0000	20.00	20.00		20.00	
consult fee veg	acre											1.0000	12.00	12.00		12.00	
herb appl	acre											1.0000	4.50	4.50		4.50	
pesticide appl veg	acre											1.0000	4.50	4.50		4.50	
planter	4-row	100	0.229	1.00	Sep	4.90	4.14	1.35	2.82	0.229	1.92					15.16	
seed spinach	lb											6.0000	6.00	36.00		36.00	
irrigation costs	ac/in											3.0000	5.50	16.50		16.50	
crop insurance-NAP	acre											1.0000	2.00	2.00		2.00	
herb appl	acre			1.00	Sep							1.0000	4.50	4.50		4.50	
herbicide spinach b	acre											1.0000	8.00	8.00		8.00	
fungicide appl - spi	acre											1.0000	4.50	4.50		4.50	
fungicide spinachl	acre											1.0000	35.00	35.00		35.00	
nitrogen dry	lb			1.00	Sep							60.0000	0.37	22.20		22.20	
fertilizer appl	acre											1.0000	1.80	1.80		1.80	
irrigation costs	ac/in			1.00	Sep							3.0000	5.50	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	
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 spinach	acre			1.00	Oct							1.0000	20.00	20.00		20.00	
pesticide appl veg	acre											1.0000	4.50	4.50		4.50	
irrigation costs	ac/in											3.0000	5.50	16.50		16.50	
cultivator 8 row	8 row	125	0.103	1.00	Nov	2.65	2.17	0.53	1.10	0.103	0.86					7.33	
insect spinach	acre			1.00	Nov							1.0000	20.00	20.00		20.00	
fungicide spinach	acre											1.0000	20.00	20.00		20.00	
pesticide appl veg	acre											1.0000	4.50	4.50		4.50	
irrigation costs	ac/in											3.0000	5.50	16.50		16.50	
hired labor \$7	HOURL											3.0000	7.00	21.00		21.00	
Pick-up, 3/4 ton	acre			1.00	Nov			3.00	3.00			1.0000				6.00	
insect spinach	acre			1.00	Dec							1.0000	20.00	20.00		20.00	
fungicide spinach	acre											1.0000	20.00	20.00		20.00	
pesticide appl veg	acre											1.0000	4.50	4.50		4.50	
insect spinach #1	acre			1.00	Jan							1.0000	12.00	12.00		12.00	
pesticide appl veg	acre											1.0000	4.50	4.50		4.50	
harv pk mkt spinach	bu			1.00	Jan							240.0000	6.30	1512.00		1512.00	
irr system 1	ac/in			1.00	Jan			2.72	2.72	0.800	7.12	16.0000				12.56	
mis admin o/h	acre											0.7500	3.00	2.25		2.25	
TOTALS						31.88	24.87	17.60	29.57	2.089	17.95					1986.75	2108.64
INTEREST ON OPERATING CAPITAL																	24.91
UNALLOCATED LABOR																	0.00
TOTAL SPECIFIED COST																	2133.56

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.