

Table 29.A Estimated costs and returns per Acre
Fresh Market Spinach, Irrigated
2003 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	0.21	110.0000	23.10	_____
phosphate	lb	0.23	100.0000	23.00	_____
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	2.75	16.0000	44.00	_____
OPERATOR LABOR					
Tractors	hour	8.90	1.6032	14.26	_____
IRRIGATION LABOR					
irr system 1	hour	8.90	0.8000	7.12	_____
DIESEL FUEL					
Tractors	gal	0.92	10.2478	9.42	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.97	1.0000	6.97	_____
Tractors	Acre	16.32	1.0000	16.32	_____
Pick-up, 3/4 ton	acre	2.00	1.0000	2.00	_____
irr system 1	ac/in	0.17	16.0000	2.72	_____
INTEREST ON OP. CAP.	Acre	21.93	1.0000	21.93	_____
TOTAL DIRECT EXPENSES				1986.91	_____
RETURNS ABOVE DIRECT EXPENSES				293.08	_____
FIXED EXPENSES					
Implements	Acre	13.53	1.0000	13.53	_____
Tractors	Acre	27.90	1.0000	27.90	_____
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				47.15	_____
TOTAL SPECIFIED EXPENSES				2034.07	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				245.92	_____
ALLOCATED COST ITEMS					
cash rent spinach	acre	35.00	1.0000	35.00	_____
RESIDUAL RETURNS				210.92	_____

Projections for Planning Purposes Only
Not to be used without Updating after December 15, 2003

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Table 29.B Estimated resource use and costs for field operations, per Acre
Fresh Market Spinach, Irrigated
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-----				
shredder		100	0.199	1.00	Aug	3.08	3.58	0.58	0.91	0.199	1.77					9.95
offset disc - veg	8-foot	100	0.125	1.00	Aug	1.94	2.25	0.68	1.42	0.125	1.11					7.41
moleboard plow veg2		150	0.169	1.00	Aug	2.85	2.81	1.25	1.96	0.169	1.51					10.39
offset disc - veg	8-foot	100	0.125	1.00	Aug	1.94	2.25	0.68	1.42	0.125	1.11					7.41
nitrogen dry	lb			1.00	Aug							50.0000	0.21	10.50		10.50
phospate	lb											100.0000	0.23	23.00		23.00
mis admin o/h	acre											1.0000	3.00	3.00		3.00
offset disc - veg	8-foot	100	0.125	1.00	Aug	1.94	2.25	0.68	1.42	0.125	1.11					7.41
bedder	6-row	100	0.114	1.00	Aug	1.76	2.05	0.36	0.76	0.114	1.01					5.97
irrigation costs	ac/in											4.0000	2.75	11.00		11.00
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	3.56	4.14	1.35	2.82	0.229	2.04					13.94
seed spinach	lb											6.0000	6.00	36.00		36.00
irrigation costs	ac/in											3.0000	2.75	8.25		8.25
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 spinach1	acre											1.0000	35.00	35.00		35.00
nitrogen dry	lb			1.00	Sep							60.0000	0.21	12.60		12.60
fertilizer appl	acre											1.0000	1.80	1.80		1.80
irrigation costs	ac/in			1.00	Sep							3.0000	2.75	8.25		8.25
cultivator	4-row	150	0.171	1.00	Oct	2.88	2.84	0.44	0.92	0.171	1.52					8.63
cultivator	4-row	150	0.171	1.00	Oct	2.88	2.84	0.44	0.92	0.171	1.52					8.63
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	2.75	8.25		8.25
cultivator	4-row	150	0.171	1.00	Nov	2.88	2.84	0.44	0.92	0.171	1.52					8.63
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	2.75	8.25		8.25
hired labor \$7	HOURL											3.0000	7.00	21.00		21.00
Pick-up, 3/4 ton	acre			1.00	Nov			2.00	3.00			1.0000				5.00
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						25.75	27.90	11.69	19.25	2.403	21.38			1906.15		2012.14
INTEREST ON OPERATING CAPITAL																21.93
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																2034.07

Information presented is prepared solely as a general guide and is not intended to recognize or predict the cost and returns from any on particular farm or ranch operation.
These projections were collected and developed by staff members of Texas Cooperative Extension and approved for publication.