

Table 29.A Estimated costs and returns per Acre
 Fresh Market Spinach, Irrigated
 2009 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
spinach fresh	crtn	11.25	180.0000	2025.00	_____
spinach fresh	crtn	11.25	220.0000	2475.00	_____
TOTAL INCOME				4500.00	_____
DIRECT EXPENSES					
SEED					
seed spinach	thou	0.29	600.0000	177.00	_____
CROP INSURANCE					
crop insurance-NAP	acre	2.00	1.0000	2.00	_____
FUNGICIDE					
Ridomil	oz.	6.29	14.0000	88.06	_____
fungicide spinach1	acre	44.00	1.0000	44.00	_____
fungicide spinach	acre	25.30	2.0000	50.60	_____
INSECTICIDE					
insect spinach	acre	23.00	4.0000	92.00	_____
insect spinach #1	acre	13.80	1.0000	13.80	_____
FERTILIZER					
N - spinach	lb	0.70	250.0000	175.00	_____
P - spinach	lb	1.00	130.0000	130.00	_____
K - spinach	lb	0.60	20.0000	12.00	_____
S - spinach	lb	0.20	20.0000	4.00	_____
Mg - Spinach	lb	2.00	2.0000	4.00	_____
MISC ADMIN O/H					
mis admin o/h	acre	4.00	2.0000	8.00	_____
MISC					
hired labor \$10	hour	10.00	3.5000	35.00	_____
HERBICIDES					
herbicide spinach	acre	15.00	1.0000	15.00	_____
herbicide spinach b	acre	8.00	1.0000	8.00	_____
CUSTOM					
herb appl	acre	4.50	2.0000	9.00	_____
pesticide appl veg	acre	5.50	5.0000	27.50	_____
fungicide appl - spi	acre	5.50	1.0000	5.50	_____
fertilizer appl	acre	5.75	3.0000	17.25	_____
harv pk mkt spinach	crtn	6.65	400.0000	2660.00	_____
IRRIGATION					
irrigation costs	ac/in	6.00	16.0000	96.00	_____
OPERATOR LABOR					
Tractors	hour	11.00	1.5442	16.98	_____
IRRIGATION LABOR					
irr system 1	hour	11.00	0.8000	8.80	_____
DIESEL FUEL					
Tractors	gal	2.00	8.6656	17.33	_____
GASOLINE					
Pick-up, 3/4 ton	gal	1.80	0.9100	1.63	_____
REPAIR & MAINTENANCE					
Implements	Acre	17.88	1.0000	17.88	_____
Tractors	Acre	15.71	1.0000	15.71	_____
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	28.69	1.0000	28.69	_____
TOTAL DIRECT EXPENSES				3784.47	_____
RETURNS ABOVE DIRECT EXPENSES				715.52	_____
FIXED EXPENSES					
Implements	Acre	32.52	1.0000	32.52	_____
Tractors	Acre	25.02	1.0000	25.02	_____
Pick-up, 3/4 ton	acre	3.60	1.0000	3.60	_____
irr system 1	ac/in	0.20	16.0000	3.26	_____
TOTAL FIXED EXPENSES				64.41	_____
TOTAL SPECIFIED EXPENSES				3848.89	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				651.10	_____
ALLOCATED COST ITEMS					
cash rent spinach	acre	72.00	1.0000	72.00	_____
RESIDUAL RETURNS				579.10	_____

Table 29.B Estimated resource use and costs for field operations, per Acre
 Fresh Market Spinach, Irrigated
 2009 Projected Costs and Returns per Acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
shredder		100	0.130	1.00	Aug	2.82	2.10	0.61	0.86	0.130	1.43				7.82
offset disc	12-foot	125	0.130	1.00	Aug	3.05	2.30	0.50	1.09	0.130	1.43				8.38
moleboard plow veg2		150	0.170	1.00	Aug	4.52	3.32	2.00	2.81	0.425	4.67				17.35
offset disc 20 ft	20 ft	200	0.103	1.00	Aug	3.96	3.12	5.02	9.23	0.103	1.13				22.48
N - spinach	lb			1.00	Aug							100.0000	0.70	70.00	70.00
P - spinach	lb											130.0000	1.00	130.00	130.00
K - spinach	lb											20.0000	0.60	12.00	12.00
mis admin o/h	acre											1.0000	4.00	4.00	4.00
S - spinach	lb											20.0000	0.20	4.00	4.00
Mg - Spinach	lb											2.0000	2.00	4.00	4.00
offset disc 20 ft	20 ft	200	0.103	1.00	Aug	3.96	3.12	5.02	9.23	0.103	1.13				22.48
bedder	6-row	100	0.114	1.00	Aug	2.47	1.84	0.60	1.10	0.114	1.25				7.27
irrigation costs	ac/in											4.0000	6.00	24.00	24.00
herbicide spinach	acre			1.00	Aug							1.0000	15.00	15.00	15.00
insect spinach	acre											1.0000	23.00	23.00	23.00
herb appl	acre											1.0000	4.50	4.50	4.50
pesticide appl veg	acre											1.0000	5.50	5.50	5.50
planter	4-row	100	0.229	1.00	Sep	4.98	3.71	2.20	4.05	0.229	2.52				17.49
seed spinach	thou											600.0000	0.29	177.00	177.00
irrigation costs	ac/in											3.0000	6.00	18.00	18.00
crop insurance-NAP	acre											1.0000	2.00	2.00	2.00
Ridomil	oz.											14.0000	6.29	88.06	88.06
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	5.50	5.50	5.50
fungicide spinach1	acre											1.0000	44.00	44.00	44.00
N - spinach	lb			1.00	Sep							100.0000	0.70	70.00	70.00
fertilizer appl	acre											3.0000	5.75	17.25	17.25
irrigation costs	ac/in			1.00	Sep							3.0000	6.00	18.00	18.00
cultivator 8 row	8 row	125	0.103	1.00	Oct	2.42	1.82	0.63	1.37	0.103	1.13				7.38
cultivator 8 row	8 row	125	0.103	1.00	Oct	2.42	1.82	0.63	1.37	0.103	1.13				7.38
insect spinach	acre			1.00	Oct							1.0000	23.00	23.00	23.00
pesticide appl veg	acre											1.0000	5.50	5.50	5.50
irrigation costs	ac/in											3.0000	6.00	18.00	18.00
cultivator 8 row	8 row	125	0.103	1.00	Nov	2.42	1.82	0.63	1.37	0.103	1.13				7.38
insect spinach	acre			1.00	Nov							1.0000	23.00	23.00	23.00
fungicide spinach	acre											1.0000	25.30	25.30	25.30
pesticide appl veg	acre											1.0000	5.50	5.50	5.50
irrigation costs	ac/in											3.0000	6.00	18.00	18.00
hired labor \$10	HOURL											3.5000	10.00	35.00	35.00
Pick-up, 3/4 ton	acre			1.00	Nov			2.63	3.60			1.0000			6.23
insect spinach	acre			1.00	Dec							1.0000	23.00	23.00	23.00
fungicide spinach	acre											1.0000	25.30	25.30	25.30
pesticide appl veg	acre											1.0000	5.50	5.50	5.50
insect spinach #1	acre			1.00	Jan							1.0000	13.80	13.80	13.80
pesticide appl veg	acre											1.0000	5.50	5.50	5.50
harv pk mkt spinach	crtn			1.00	Jan							180.0000	6.65	1197.00	1197.00
irr system 1	ac/in			1.00	Jan			2.72	3.26	0.800	8.80	16.0000			14.78
mis admin o/h	acre											1.0000	4.00	4.00	4.00
N - spinach	lb			1.00	Feb							50.0000	0.70	35.00	35.00
harv pk mkt spinach	crtn			1.00	Feb							220.0000	6.65	1463.00	1463.00
TOTALS						33.04	25.02	23.24	39.38	2.344	25.78			3673.71	3820.20
INTEREST ON OPERATING CAPITAL															28.69
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3848.89