

Table 29.A Estimated costs and returns per Acre
 Spinach, Processed, Irrigated
 2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
spinach process	ton	82.00	9.0000	738.00	_____
spinach process	ton	82.00	11.0000	902.00	_____

TOTAL INCOME				1640.00	_____
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.	5.30	14.0000	74.20	_____
fungicide spinach2	acre	61.60	1.0000	61.60	_____
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	0.50	250.0000	125.00	_____
P - spinach	lb	0.65	130.0000	84.50	_____
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	1.7500	7.00	_____
MISC					
hired labor \$10	hour	10.00	3.5000	35.00	_____
HERBICIDES					
herbicide spinach c	acre	15.00	1.0000	15.00	_____
CUSTOM					
pesticide appl veg	acre	5.50	5.0000	27.50	_____
herb appl	acre	4.50	1.0000	4.50	_____
fertilizer appl	acre	5.75	3.0000	17.25	_____
IRRIGATION					
irrigation costs	ac/in	7.00	16.0000	112.00	_____
OPERATOR LABOR					
Tractors	hour	11.00	1.7352	19.08	_____
IRRIGATION LABOR					
irr system 1	hour	11.00	0.8000	8.80	_____
DIESEL FUEL					
Tractors	gal	2.65	9.6969	25.69	_____
GASOLINE					
Pick-up, 3/4 ton	gal	2.70	0.9100	2.45	_____
REPAIR & MAINTENANCE					
Implements	Acre	19.60	1.0000	19.60	_____
Tractors	Acre	17.79	1.0000	17.79	_____
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	25.00	1.0000	25.00	_____

TOTAL DIRECT EXPENSES				1041.12	_____
RETURNS ABOVE DIRECT EXPENSES				598.87	_____
FIXED EXPENSES					
Implements	Acre	35.69	1.0000	35.69	_____
Tractors	Acre	28.11	1.0000	28.11	_____
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				70.66	_____

TOTAL SPECIFIED EXPENSES				1111.78	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				528.21	_____
ALLOCATED COST ITEMS					
cash rent spinach	acre	72.00	1.0000	72.00	_____
RESIDUAL RETURNS				456.21	_____

Table 29.B Estimated resource use and costs for field operations, per Acre
 Spinach, Processed, Irrigated
 2011 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	3.27	2.10	0.61	0.86	0.130	1.43					8.28
offset disc	12-foot	125	0.130	1.00	Aug	3.61	2.30	0.50	1.09	0.130	1.43					8.95
moleboard plow veg2		150	0.170	1.00	Aug	5.37	3.32	2.00	2.81	0.425	4.67					18.20
offset disc 20 ft	20 ft	200	0.103	1.00	Aug	4.56	3.12	5.02	9.23	0.103	1.13					23.08
land plane		100	0.190	1.00	Aug	4.81	3.08	1.72	3.16	0.190	2.10					14.89
N - spinach	lb			1.00	Aug							100.0000	0.50	50.00		50.00
P - spinach	lb											130.0000	0.65	84.50		84.50
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	4.56	3.12	5.02	9.23	0.103	1.13					23.08
bedder	6-row	100	0.114	1.00	Aug	2.87	1.84	0.60	1.10	0.114	1.25					7.67
irrigation costs	ac/in											4.0000	7.00	28.00		28.00
insect spinach	acre			1.00	Aug							1.0000	23.00	23.00		23.00
pesticide appl veg	acre											1.0000	5.50	5.50		5.50
planter	4-row	100	0.229	1.00	Sep	5.79	3.71	2.20	4.05	0.229	2.52					18.30
seed spinach	thou											600.0000	0.29	177.00		177.00
irrigation costs	ac/in											3.0000	7.00	21.00		21.00
crop insurance-NAP	acre											1.0000	2.00	2.00		2.00
Ridomil	oz.											14.0000	5.30	74.20		74.20
herb appl	acre			1.00	Sep							1.0000	4.50	4.50		4.50
herbicide spinach c	acre											1.0000	15.00	15.00		15.00
fungicide spinach2	acre											1.0000	61.60	61.60		61.60
N - spinach	lb			1.00	Sep							100.0000	0.50	50.00		50.00
fertilizer appl	acre											1.0000	5.75	5.75		5.75
irrigation costs	ac/in			1.00	Sep							3.0000	7.00	21.00		21.00
cultivator 8 row	8 row	125	0.103	1.00	Oct	2.87	1.82	0.63	1.37	0.103	1.13					7.83
cultivator 8 row	8 row	125	0.103	1.00	Oct	2.87	1.82	0.63	1.37	0.103	1.13					7.83
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	7.00	21.00		21.00
cultivator 8 row	8 row	125	0.103	1.00	Nov	2.87	1.82	0.63	1.37	0.103	1.13					7.83
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	7.00	21.00		21.00
hired labor \$10	HOURLY											3.5000	10.00	35.00		35.00
Pick-up, 3/4 ton	acre			1.00	Nov			3.45	3.60			1.0000				7.05
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
N - spinach	lb			1.00	Jan							50.0000	0.50	25.00		25.00
fertilizer appl	acre											2.0000	5.75	11.50		11.50
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											0.7500	4.00	3.00		3.00
TOTALS						43.49	28.11	25.78	42.55	2.535	27.88			918.95	1086.78	
INTEREST ON OPERATING CAPITAL																25.00
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																1111.78