

Table 7.A Estimated costs per acre  
**Spring cabbage**, hand harvest  
Alabama, MALTA, 2004

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER					
Lime (Spread)	ton	28.77	0.4950	14.24	_____
Fert 13-13-13	cwt	10.74	8.0000	85.92	_____
Amm Nitrate (34%)	cwt	9.83	2.0000	19.66	_____
FUNGICIDE					
Bravo	pt	5.22	7.5000	39.15	_____
HERBICIDE					
Treflan HFP	pt	3.27	2.0000	6.54	_____
INSECTICIDE					
Thiodan 3EC	qt	7.44	1.3300	9.90	_____
Dipel	pt	4.00	2.0000	8.00	_____
SEED/PLANTS					
Cabbage-OP	thou	26.08	13.2000	344.26	_____
OTHER					
Field Box -10 Bushel	each	25.00	10.0000	250.00	_____
Hauling	trip	25.00	4.0000	100.00	_____
Box Cabbage	each	0.95	400.0000	380.00	_____
Marketing Fee	bag	1.05	80.0000	84.00	_____
OPERATOR LABOR					
Tractors	hour	9.02	3.9270	35.42	_____
HARVEST LABOR					
Special Labor	hour	6.44	35.0000	225.40	_____
PLANTING LABOR					
Special Labor	hour	6.44	30.0000	193.20	_____
MARKETING LABOR					
Special Labor	hour	6.44	11.5000	74.06	_____
DIESEL FUEL					
Tractors	gal	0.95	15.1597	14.40	_____
REPAIR & MAINTENANCE					
Implements	acre	5.57	1.0000	5.57	_____
Tractors	acre	8.09	1.0000	8.09	_____
INTEREST ON OP. CAP.	acre	23.42	1.0000	23.42	_____
TOTAL DIRECT EXPENSES				1921.23	_____
FIXED EXPENSES					
Implements	acre	8.77	1.0000	8.77	_____
Tractors	acre	18.18	1.0000	18.18	_____
TOTAL FIXED EXPENSES				26.95	_____
TOTAL SPECIFIED EXPENSES				1948.18	_____

Note: Cost of production estimates are based on last year's input price

Table 7.B Estimated resource use and costs for field operations, per acre  
 Spring cabbage, hand harvest  
 Alabama, MALTA, 2004

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			0.33	Jan							0.4950	28.77	14.24	14.24
Chisel Plow	9 Ft	2WD 75 hp	0.204	1.00	Feb	1.17	0.94	0.15	0.27	0.20	1.84				4.37
Disk Harrow	10 Ft	2WD 75 hp	0.194	1.00	Feb	1.11	0.90	0.33	0.51	0.19	1.75				4.60
Disk + Incorporate	10 Ft	2WD 75 hp	0.206	1.00	Feb	1.18	0.95	0.47	0.72	0.20	1.86				5.18
Treflan HFP	pt											2.0000	3.27	6.54	6.54
Cyclone Spin	600 Lb	2WD 75 hp	0.200	1.00	Feb	1.14	0.93	0.08	0.32	0.20	1.80				4.27
Fert 13-13-13	cwt											8.0000	10.74	85.92	85.92
Disk Bed	2-row	2WD 75 hp	0.278	1.00	Feb	1.59	1.29	0.22	0.32	0.27	2.51				5.93
Transplanter	2-Row	2WD 75 hp	0.450	1.00	Feb	2.58	2.08	1.15	1.77	0.45	4.06				11.64
PLANTING LABOR	hour									30.00	193.20				193.20
Cabbage-OP	thou											13.2000	26.08	344.26	344.26
Cultivate	2-Row	2WD 75 hp	0.400	3.00	Mar	6.87	5.56	0.56	0.91	1.20	10.82				24.72
Spray- Air Blast	2WD 75 hp	0.061	5.00	Mar	1.75	1.41	1.25	1.80	0.30	2.75					8.96
Bravo	pt											7.5000	5.22	39.15	39.15
Cultivate+Sidedress	2-Row	2WD 75 hp	0.400	1.00	Mar	2.29	1.85	0.56	0.92	0.40	3.61				9.23
Amm Nitrate (34%)	cwt											1.0000	9.83	9.83	9.83
Spray- Air Blast	2WD 75 hp	0.061	1.00	Apr	0.35	0.28	0.25	0.36	0.06	0.55					1.79
Thiodan 3EC	qt											0.6650	7.44	4.95	4.95
Dipel	pt											1.0000	4.00	4.00	4.00
Sidedress	2-Row	2WD 75 hp	0.278	1.00	Apr	1.59	1.29	0.26	0.43	0.27	2.51				6.08
Amm Nitrate (34%)	cwt											1.0000	9.83	9.83	9.83
Spray- Air Blast	2WD 75 hp	0.061	1.00	May	0.35	0.28	0.25	0.36	0.06	0.55					1.79
Thiodan 3EC	qt											0.6650	7.44	4.95	4.95
Dipel	pt											1.0000	4.00	4.00	4.00
Trailer - Vegetables	2WD 75 hp	0.090	1.00	Jun	0.52	0.42	0.04	0.08	0.09	0.81					1.87
HARVEST LABOR	hour									35.00	225.40				225.40
Field Box -10 Bushel	each											10.0000	25.00	250.00	250.00
MARKETING LABOR	hour			1.00	Jun					11.50	74.06				74.06
Hauling	trip											4.0000	25.00	100.00	100.00
Box Cabbage	each											400.0000	0.95	380.00	380.00
Marketing Fee	bag			1.00	Jun							80.0000	1.05	84.00	84.00
TOTALS						22.49	18.18	5.57	8.77	80.42	528.08			1341.67	1924.76
INTEREST ON OPERATING CAPITAL															23.42
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1948.18

Note: Cost of production estimates are based on last year's input prices.

Table 7.C Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Spring cabbage, hand harvest  
 Alabama, MALTA, 2004

			-----BREAKEVEN PRICE-----										
Cabbage			3.56	3.75	3.96	4.21	4.51	4.87	5.30	5.84	6.54	7.48	8.78
PERCENT	YIELD	UNIT	-----dollars-----										
50	200.00	50lb	-1017	-979	-936	-886	-827	-756	-669	-560	-420	-234	26
			-1044	-1006	-963	-913	-854	-783	-696	-587	-447	-261	0
60	240.00	50lb	-912	-868	-816	-756	-685	-599	-495	-364	-196	26	340
			-939	-895	-843	-783	-711	-626	-522	-391	-223	0	313
70	280.00	50lb	-808	-756	-695	-625	-542	-442	-321	-168	26	288	653
			-835	-783	-722	-652	-569	-469	-348	-195	0	261	626
80	320.00	50lb	-704	-644	-575	-495	-400	-286	-147	26	250	549	966
			-730	-671	-602	-522	-427	-313	-174	0	223	522	939
90	360.00	50lb	-599	-532	-455	-364	-257	-129	26	222	474	810	1280
			-626	-559	-481	-391	-284	-156	0	195	447	783	1253
100	400.00	50lb	-495	-420	-334	-234	-115	26	200	418	698	1071	1593
			-522	-447	-361	-261	-142	0	174	391	671	1044	1566
110	440.00	50lb	-390	-308	-214	-103	26	183	375	614	922	1332	1906
			-417	-335	-240	-130	0	156	348	587	895	1305	1879
120	480.00	50lb	-286	-196	-93	26	169	340	549	810	1145	1593	2219
			-313	-223	-120	0	142	313	522	783	1118	1566	2192
130	520.00	50lb	-181	-84	26	157	311	496	723	1005	1369	1854	2533
			-208	-111	0	130	284	469	696	978	1342	1827	2506
140	560.00	50lb	-77	26	147	288	454	653	897	1201	1593	2115	2846
			-104	0	120	261	427	626	870	1174	1566	2088	2819
150	600.00	50lb	26	138	267	418	596	810	1071	1397	1817	2376	3159
			0	111	240	391	569	783	1044	1370	1790	2349	3132

The top number in each cell is Returns Above Direct Expenses.  
 The bottom number in each cell is Returns Above Total Specified Expenses.  
 Only the product listed has been varied to calculate net returns.  
 Note: Cost of production estimates are based on last year's input prices.