

Table 7.A: Estimated costs per acre
Spring cabbage, Hand Harvest
Alabama - MALTA, 2005

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	18.32	8.0000	146.56	_____
Amm Nitrate (34%)	cwt	10.65	2.0000	21.30	_____
HERBICIDE					
Treflan HFP	pt	3.19	2.0000	6.38	_____
INSECTICIDE					
Endosulfan 3E	pt	3.37	2.6600	8.96	_____
Dipel ES	pt	6.27	4.0000	25.08	_____
Asana XL	oz	0.71	6.0000	4.26	_____
Confirm 2F	oz	1.36	24.0000	32.64	_____
SEED/PLANTS					
Cabbage - Hybrid	thou	26.10	13.2000	344.52	_____
OTHER					
Harv.Labor S.Cabbage	box	1.35	600.0000	810.00	_____
Grd & Pack S.Cabbage	Box	1.40	600.0000	840.00	_____
Box Cabbage	each	0.95	600.0000	570.00	_____
Marketing Fee	box	1.00	600.0000	600.00	_____
CoolingBox S.Cabbage	Box	0.25	600.0000	150.00	_____
OPERATOR LABOR					
Tractors	hour	9.82	5.0886	49.97	_____
PLANTING LABOR					
Special Labor	hour	6.44	30.0000	193.20	_____
HAND LABOR					
Implements	hour	6.44	7.7482	49.90	_____
DIESEL FUEL					
Tractors	gal	1.34	19.6443	26.33	_____
REPAIR & MAINTENANCE					
Implements	acre	43.21	1.0000	43.21	_____
Tractors	acre	4.38	1.0000	4.38	_____
INTEREST ON OP. CAP.	acre	34.07	1.0000	34.07	_____
TOTAL DIRECT EXPENSES				3975.00	_____
FIXED EXPENSES					
Implements	acre	85.45	1.0000	85.45	_____
Tractors	acre	27.21	1.0000	27.21	_____
TOTAL FIXED EXPENSES				112.66	_____
TOTAL SPECIFIED EXPENSES				4087.66	_____

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, 2005

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
Cyclone Spin	825 Lb	2WD 75 hp	0.084	1.00	Feb	0.51	0.45	0.05	0.18	0.08	0.83				2.02
Fert 13-13-13	cwt											8.0000	18.32	146.56	146.56
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	1.33	1.18	0.42	0.75	0.22	2.16				5.84
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Feb	1.20	1.06	0.48	1.05	0.19	1.95				5.74
Disk Bed	2-row	2WD 75 hp	0.284	1.00	Feb	1.71	1.52	0.14	0.58	0.28	2.79				6.74
Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	Feb	1.17	1.04	0.36	0.99	0.29	2.52				6.08
Treflan HFP	pt											2.0000	3.19	6.38	6.38
Plntr/H2O Wheel	2 Row	2WD 75 hp	1.473	1.00	Feb	8.89	7.88	3.55	6.01	8.83	61.91				88.24
PLANTING LABOR	hour									30.00	193.20				193.20
Cabbage - Hybrid	thou											13.2000	26.10	344.52	344.52
Cultivate	2-Row	2WD 75 hp	0.390	3.00	Mar	7.07	6.27	0.38	1.76	1.17	11.51				26.99
Cultivate+Sidedress	2-Row	2WD 75 hp	0.390	1.00	Mar	2.36	2.09	0.66	3.08	0.58	5.10				13.29
Amm Nitrate (34%)	cwt											1.0000	10.65	10.65	10.65
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Apr	1.48	1.31	8.84	15.96	0.24	2.41				30.00
Endosulfan 3E	pt											1.3300	3.37	4.48	4.48
Dipel ES	pt											1.0000	6.27	6.27	6.27
Side Dresser	2R 6ft	2WD 75 hp	0.423	1.00	Apr			1.77	7.13						8.90
Amm Nitrate (34%)	cwt											1.0000	10.65	10.65	10.65
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	May	1.48	1.31	8.84	15.96	0.24	2.41				30.00
Endosulfan 3E	pt											1.3300	3.37	4.48	4.48
Dipel ES	pt											1.0000	6.27	6.27	6.27
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	May	1.48	1.31	8.84	15.96	0.24	2.41				30.00
Asana XL	oz											6.0000	0.71	4.26	4.26
Dipel ES	pt											1.0000	6.27	6.27	6.27
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	May	1.48	1.31	8.84	15.96	0.24	2.41				30.00
Confirm 2F	oz											24.0000	1.36	32.64	32.64
Dipel ES	pt											1.0000	6.27	6.27	6.27
Trailer - Vegetables		2WD 75 hp	0.090	1.00	Jun	0.55	0.48	0.04	0.08	0.18	1.46				2.61
Harv.Labor S.Cabbage	box			1.00	Jun							600.0000	1.35	810.00	810.00
Grd & Pack S.Cabbage	Box			1.00	Jun							600.0000	1.40	840.00	840.00
Box Cabbage	each											600.0000	0.95	570.00	570.00
Marketing Fee	box			1.00	Jun							600.0000	1.00	600.00	600.00
CoolingBox S.Cabbage	Box			1.00	Jun							600.0000	0.25	150.00	150.00
TOTALS						30.71	27.21	43.21	85.45	42.83	293.07			3573.94	4053.59
INTEREST ON OPERATING CAPITAL															34.07
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															4087.66

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, 2005

			BREAKEVEN PRICE										
Cabbage			4.85	5.13	5.46	5.83	6.28	6.81	7.46	8.27	9.32	10.71	12.67
PERCENT	YIELD	UNIT	<i>dollars</i>										
50	300	50lb	-2230	-2147	-2050	-1937	-1804	-1644	-1449	-1205	-891	-473	112
			-2343	-2259	-2163	-2050	-1917	-1757	-1562	-1318	-1004	-585	0
60	360	50lb	-1996	-1895	-1780	-1644	-1485	-1293	-1059	-766	-389	112	815
			-2109	-2008	-1892	-1757	-1597	-1406	-1171	-878	-502	0	703
70	420	50lb	-1762	-1644	-1509	-1351	-1165	-941	-668	-326	112	698	1518
			-1874	-1757	-1622	-1464	-1278	-1054	-781	-439	0	585	1406
80	480	50lb	-1527	-1393	-1239	-1059	-845	-590	-277	112	614	1284	2221
			-1640	-1506	-1351	-1171	-958	-703	-390	0	502	1171	2109
90	540	50lb	-1293	-1142	-968	-766	-526	-238	112	552	1116	1870	2924
			-1406	-1255	-1081	-878	-639	-351	0	439	1004	1757	2812
100	600	50lb	-1059	-891	-698	-473	-206	112	503	991	1619	2456	3627
			-1171	-1004	-811	-585	-319	0	390	878	1506	2343	3515
110	660	50lb	-824	-640	-428	-180	112	464	893	1430	2121	3041	4330
			-937	-753	-540	-292	0	351	781	1318	2008	2929	4218
120	720	50lb	-590	-389	-157	112	432	815	1284	1870	2623	3627	5033
			-703	-502	-270	0	319	703	1171	1757	2510	3515	4921
130	780	50lb	-356	-138	112	405	751	1167	1674	2309	3125	4213	5736
			-468	-251	0	292	639	1054	1562	2196	3012	4100	5624
140	840	50lb	-121	112	383	698	1071	1518	2065	2748	3627	4799	6439
			-234	0	270	585	958	1406	1952	2636	3515	4686	6327
150	900	50lb	112	363	653	991	1390	1870	2456	3188	4129	5385	7142
			0	251	540	878	1278	1757	2343	3075	4017	5272	7030

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.