

Table 2.A: Estimated costs per acre
Fall Broccoli, Fresh Market
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	2.3000	24.49	_____
FUNGICIDE					
Bravo Weather Stick	pt	5.67	3.0000	17.01	_____
HERBICIDE					
Treflan HFP	pt	3.19	1.5000	4.79	_____
INSECTICIDE					
Diazinon 50W	lb.	4.53	2.0000	9.06	_____
Dipel ES	pt	6.27	2.0000	12.54	_____
SEED/PLANTS					
Broccoli - Hybrid	thou	26.90	18.0000	484.20	_____
OTHER					
Boxes-Waxed	each	1.25	300.0000	375.00	_____
Ice + Cooling	box	0.75	300.0000	225.00	_____
OPERATOR LABOR					
Tractors	hour	9.82	3.9885	39.18	_____
PLANTING LABOR					
Special Labor	hour	6.44	30.0000	193.20	_____
HAND LABOR					
Implements	hour	6.44	7.9498	51.20	_____
Harvest & Pack Labor					
Special Labor	hour	6.44	125.0000	805.00	_____
DIESEL FUEL					
Tractors	gal	1.34	15.3972	20.64	_____
REPAIR & MAINTENANCE					
Implements	acre	33.71	1.0000	33.71	_____
Tractors	acre	3.44	1.0000	3.44	_____
INTEREST ON OP. CAP.	acre	25.31	1.0000	25.31	_____
TOTAL DIRECT EXPENSES				2484.56	_____
FIXED EXPENSES					
Implements	acre	63.46	1.0000	63.46	_____
Tractors	acre	21.32	1.0000	21.32	_____
TOTAL FIXED EXPENSES				84.78	_____
TOTAL SPECIFIED EXPENSES				2569.34	_____

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

Table 2.B: Estimated resource use and costs for field operations, per acre
 Fall Broccoli, Fresh Market
 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	Jul							0.4950	28.77	14.24	14.24
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Aug	1.33	1.18	0.42	0.75	0.22	2.16				5.84
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Aug	2.39	2.12	0.96	2.11	0.39	3.90				11.48
Cyclone Spin	825 Lb	2WD 75 hp	0.084	1.00	Aug	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
Disk + Incorporate	10 Ft	2WD 75 hp	0.206	1.00	Aug	1.25	1.10	0.85	1.56	0.30	2.69				7.45
Treflan HFP	pt											1.5000	3.19	4.79	4.79
Plntr/H2O Wheel	2 Row	2WD 75 hp	1.473	1.00	Aug	8.89	7.88	3.55	6.01	8.83	61.91				88.24
PLANTING LABOR	hour									30.00	193.20				193.20
Broccoli - Hybrid	thou											18.0000	26.90	484.20	484.20
Cult + Apply Ins	2-Row	2WD 75 hp	0.390	1.00	Aug	2.36	2.09	0.66	1.81	0.58	5.10				12.02
Bravo Weather Stick	pt											1.5000	5.67	8.50	8.50
Diazinon 50W	lb.											1.0000	4.53	4.53	4.53
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Sep	1.48	1.31	8.84	15.96	0.24	2.41				30.00
Bravo Weather Stick	pt											1.5000	5.67	8.50	8.50
Dipel ES	pt											1.0000	6.27	6.27	6.27
Cultivate+Sidedress	2-Row	2WD 75 hp	0.390	1.00	Sep	2.36	2.09	0.66	3.08	0.58	5.10				13.29
Amm Nitrate (34%)	cwt											2.3000	10.65	24.49	24.49
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Sep	1.48	1.31	8.84	15.96	0.24	2.41				30.00
Diazinon 50W	lb.											1.0000	4.53	4.53	4.53
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Oct	1.48	1.31	8.84	15.96	0.24	2.41				30.00
Dipel ES	pt											1.0000	6.27	6.27	6.27
Trailer - Vegetables		2WD 75 hp	0.090	1.00	Nov	0.55	0.48	0.04	0.08	0.18	1.46				2.61
Harvest & Pack Labor	hour			1.00	Nov					125.00	805.00				805.00
Boxes-Waxed	each											300.0000	1.25	375.00	375.00
Ice + Cooling	box											300.0000	0.75	225.00	225.00
TOTALS						24.08	21.32	33.71	63.46	166.93	1088.58			1312.88	2544.03
INTEREST ON OPERATING CAPITAL															25.31
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2569.34

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

Table 2.C: Breakeven price above total expenses and net returns for price/yield combinations, per acre
 Fall Broccoli, Fresh Market, Alabama - MALTA, 2005

			BREAKEVEN PRICE										
Broccoli			6.12	6.47	6.87	7.34	7.9	8.56	9.37	10.39	11.69	13.43	15.87
PERCENT	YIELD	UNIT	Dollars										
50	150	211b	-1376 -1461	-1324 -1409	-1264 -1349	-1194 -1279	-1111 -1195	-1011 -1096	-889 -974	-737 -822	-541 -626	-280 -365	84 0
60	180	211b	-1230 -1315	-1168 -1252	-1095 -1180	-1011 -1096	-911 -996	-792 -877	-646 -730	-463 -548	-228 -313	84 0	523 438
70	210	211b	-1084 -1169	-1011 -1096	-927 -1011	-828 -913	-712 -797	-573 -657	-402 -487	-189 -274	84 0	450 365	961 877
80	240	211b	-938 -1023	-854 -939	-758 -843	-646 -730	-513 -597	-353 -438	-158 -243	84 0	398 313	815 730	1400 1315
90	270	211b	-792 -877	-698 -783	-589 -674	-463 -548	-313 -398	-134 -219	84 0	358 274	711 626	1181 1096	1838 1754
100	300	211b	-646 -730	-541 -626	-421 -505	-280 -365	-114 -199	84 0	328 243	632 548	1024 939	1546 1461	2277 2192
110	330	211b	-499 -584	-385 -469	-252 -337	-97 -182	84 0	304 219	572 487	907 822	1337 1252	1911 1827	2715 2631
120	360	211b	-353 -438	-228 -313	-83 -168	84 0	284 199	523 438	815 730	1181 1096	1650 1566	2277 2192	3154 3069
130	390	211b	-207 -292	-71 -156	84 0	267 182	483 398	742 657	1059 974	1455 1370	1964 1879	2642 2558	3592 3508
140	420	211b	-61 -146	84 0	253 168	450 365	682 597	961 877	1302 1218	1729 1644	2277 2192	3008 2923	4031 3946
150	450	211b	84 0	241 156	422 337	632 548	882 797	1181 1096	1546 1461	2003 1918	2590 2505	3373 3288	4470 4385

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.