

Table 16.A: Estimated costs per acre
Sweet Corn, Fresh Market - Train Harvest (Shipping)
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	7.5000	137.40	_____
Amm Nitrate (34%)	cwt	10.65	2.0000	21.30	_____
HERBICIDE					
Atrazine 4L	pt	1.26	4.0000	5.04	_____
INSECTICIDE					
Furadan 4 F	pt	9.65	2.0000	19.30	_____
Lannate LV	pt	6.96	13.0000	90.48	_____
SEED/PLANTS					
Sweet Corn (Hybrid)	lb	8.76	9.0000	78.84	_____
OTHER					
Crates	each	1.15	200.0000	230.00	_____
Ice + Cooling	crat	0.70	200.0000	140.00	_____
OPERATOR LABOR					
Tractors	hour	9.82	2.2212	21.81	_____
Self-Propelled	hour	9.82	0.2250	2.21	_____
Harvest Labor					
Implements	hour	6.44	7.7917	50.18	_____
HAND LABOR					
Implements	hour	6.44	0.3627	2.33	_____
DIESEL FUEL					
Tractors	gal	1.34	8.5750	11.49	_____
Self-Propelled	gal	1.34	1.1871	1.59	_____
REPAIR & MAINTENANCE					
Implements	acre	29.65	1.0000	29.65	_____
Tractors	acre	1.92	1.0000	1.92	_____
Self-Propelled	acre	0.73	1.0000	0.73	_____
INTEREST ON OP. CAP.	acre	8.78	1.0000	8.78	_____
TOTAL DIRECT EXPENSES				867.29	_____
FIXED EXPENSES					
Implements	acre	91.62	1.0000	91.62	_____
Tractors	acre	11.89	1.0000	11.89	_____
Self-Propelled	acre	4.90	1.0000	4.90	_____
TOTAL FIXED EXPENSES				108.41	_____
TOTAL SPECIFIED EXPENSES				975.70	_____

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

Table 16.B: Estimated resource use and costs for field operations, per acre
 Sweet corn, Fresh Market - Train Harvest (Shipping)
 Alabama - MALTA, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC HOURS	LABOR COST	OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED			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	0.220	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	2.00	Feb	2.39	2.12	0.96	2.11	0.39	3.90				11.48
Disk Bed +App Fert	4-Row	2WD 75 hp	0.141	1.00	Mar	0.85	0.75	0.37	1.00	0.21	1.83				4.80
Fert 13-13-13	cwt											7.5000	18.32	137.40	137.40
Cultivate	4-Row	2WD 75 hp	0.193	1.00	Mar	1.17	1.04	0.52	1.43	0.19	1.90				6.06
Plntr-vacuum+insect	4R30-40"	2WD 75 hp	0.226	1.00	Mar	1.36	1.21	16.88	28.08	0.22	2.23				49.76
Sweet Corn (Hybrid)	lb											9.0000	8.76	78.84	78.84
Furadan 4 F	pt											2.0000	9.65	19.30	19.30
Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	Mar	1.17	1.04	0.36	0.99	0.29	2.52				6.08
Atrazine 4L	pt											4.0000	1.26	5.04	5.04
Cultivate+Sidedress	2-Row	2WD 75 hp	0.390	1.00	Apr	2.36	2.09	0.66	3.08	0.58	5.10				13.29
Amm Nitrate (34%)	cwt											2.0000	10.65	21.30	21.30
Sprayer(300-450gal)	47 ft		0.022	7.00	May	1.62	3.43			0.15	1.55				6.60
Lannate LV	pt											9.1000	6.96	63.34	63.34
Sprayer(300-450gal)	47 ft		0.022	3.00	Jun	0.70	1.47			0.06	0.66				2.83
Lannate LV	pt											3.9000	6.96	27.14	27.14
Mule Train (Corn)	30 ft	2WD 75 hp	0.229	1.00	Jun	1.39	1.23	7.64	50.97	7.56	49.48				110.71
Trailer(MuleTrn)Corn		2WD 75 hp	0.229	1.00	Jun	1.39	1.23	1.84	3.21	0.68	5.20				12.87
Crates	each			1.00	Jun							200.0000	1.15	230.00	230.00
Ice + Cooling	crat											200.0000	0.70	140.00	140.00
TOTALS						15.73	16.79	29.65	91.62	10.60	76.53			736.60	966.92
INTEREST ON OPERATING CAPITAL															8.78
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															975.70

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

Table 16.C: Breakeven price above total expenses and net returns for price/yield combinations, per acre
Sweet corn, Fresh Market - Train Harvest (Shipping), Alabama - MALTA, 2005

			BREAKEVEN PRICE										
Sweet Corn			3.87	4.01	4.18	4.37	4.6	4.87	5.21	5.63	6.17	6.89	7.89
PERCENT	YIELD	UNIT	<i>dollars</i>										
50	100	5doz	-294 -402	-279 -388	-263 -371	-243 -352	-221 -329	-193 -302	-160 -268	-118 -226	-64 -172	7 -100	108 0
60	120	5doz	-253 -362	-236 -345	-216 -325	-193 -302	-166 -274	-133 -241	-92 -201	-42 -151	22 -86	108 0	229 120
70	140	5doz	-213 -322	-193 -302	-170 -278	-143 -251	-111 -219	-72 -181	-25 -134	32 -75	108 0	209 100	350 241
80	160	5doz	-173 -281	-150 -258	-123 -232	-92 -201	-56 -164	-12 -120	41 -67	108 0	194 86	309 201	470 362
90	180	5doz	-133 -241	-107 -215	-77 -185	-42 -151	-1 -109	48 -60	108 0	183 75	280 172	410 302	591 483
100	200	5doz	-92 -201	-64 -172	-30 -139	7 -100	53 -54	108 0	175 67	259 151	367 258	511 402	712 604
110	220	5doz	-52 -161	-21 -129	15 -92	58 -50	108 0	168 60	242 134	334 226	453 345	611 503	833 724
120	240	5doz	-12 -120	22 -86	61 -46	108 0	163 54	229 120	309 201	410 302	539 431	712 604	954 845
130	260	5doz	27 -80	65 -43	108 0	158 50	218 109	289 181	376 268	485 377	626 517	813 704	1074 966
140	280	5doz	68 -40	108 0	154 46	209 100	273 164	350 241	443 335	561 453	712 604	913 805	1195 1087
150	300	5doz	108 0	151 43	201 92	259 151	328 219	410 302	511 402	636 528	798 690	1014 906	1316 1208

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.