

Table 5.A: Estimated costs per acre  
 Snap Beans, Fresh Market - 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	6.0000	109.92	_____
Amm Nitrate (34%)	cwt	10.65	0.7500	7.99	_____
HERBICIDE					
Treflan HFP	pt	3.19	2.0000	6.38	_____
INSECTICIDE					
Diazinon 50W	lb.	4.53	2.5000	11.33	_____
Sevin XLR Plus	qt	4.61	2.0000	9.22	_____
SEED/PLANTS					
Snap Beans - Hybrid	lb	6.10	70.0000	427.00	_____
OTHER					
Bushel Box	each	1.25	200.0000	250.00	_____
Cooling Snap Beans	Bu Box	0.75	200.0000	150.00	_____
OPERATOR LABOR					
Tractors	hour	9.82	2.8112	27.59	_____
Harvest Labor					
Special Labor	hour	6.44	150.0000	966.00	_____
HAND LABOR					
Implements	hour	6.44	0.4527	2.91	_____
Grad Labor S. Beans					
Special Labor	hour	6.44	20.0000	128.80	_____
R.B.ConveySnapBeans	hour	6.44	40.0000	257.60	_____
Rot.Pk Table S Beans	hour	6.44	2.0000	12.88	_____
DIESEL FUEL					
Tractors	gal	1.34	10.8525	14.54	_____
REPAIR & MAINTENANCE					
Implements	acre	44.60	1.0000	44.60	_____
Tractors	acre	2.42	1.0000	2.42	_____
R.B.ConveySnapBeans	bu	0.36	200.0000	72.63	_____
Rot.Pk Table S Beans	bu	0.02	200.0000	5.75	_____
INTEREST ON OP. CAP.	acre	18.20	1.0000	18.20	_____
TOTAL DIRECT EXPENSES				2540.00	_____
FIXED EXPENSES					
Implements	acre	82.57	1.0000	82.57	_____
Tractors	acre	15.04	1.0000	15.04	_____
R.B.ConveySnapBeans	each	133.89	0.0200	2.68	_____
Rot.Pk Table S Beans	each	106.78	0.0200	2.14	_____
TOTAL FIXED EXPENSES				102.43	_____
TOTAL SPECIFIED EXPENSES				2642.43	_____

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

Table 5.B: Estimated resource use and costs for field operations, per acre  
 Snap Beans, Fresh Market - Hand Harvest  
 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	Feb							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	Feb	0.85	0.75	0.37	1.00	0.21	1.83				4.80
Fert 13-13-13	cwt											6.0000	18.32	109.92	109.92
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 - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Mar	2.39	2.12	6.43	10.70	0.39	3.89				25.53
Snap Beans - Hybrid	lb											70.0000	6.10	427.00	427.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Mar	2.96	2.63	17.68	31.93	0.49	4.82				60.02
Diazinon 50W	lb.											2.5000	4.53	11.33	11.33
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											0.7500	10.65	7.99	7.99
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Apr	2.96	2.63	17.68	31.93	0.49	4.82				60.02
Sevin XLR Plus	qt											2.0000	4.61	9.22	9.22
Trailer - Vegetables		2WD 75 hp	0.090	1.00	May	0.55	0.48	0.04	0.08	0.18	1.46				2.61
Harvest Labor	hour			1.00	May					150.00	966.00				966.00
Bushel Box	each			1.00	May							200.0000	1.25	250.00	250.00
Load Conveyor S Bean				1.00	May										
Grad Labor S. Beans	hour									20.00	128.80				128.80
Cooling Snap Beans	Bu Box			1.00	May							200.0000	0.75	150.00	150.00
R.B.ConveySnapBeans	each			1.00	May						2.68				2.68
Application 1	bu			1.00	May			72.63		40.00	257.60	200.0000			330.23
Rot.Pk Table S Beans	each			1.00	May						2.14				2.14
Application 1	bu			1.00	May			5.75		2.00	12.88	200.0000			18.63
TOTALS						16.96	15.04	122.98	87.39	215.26	1395.78			986.08	2624.23
INTEREST ON OPERATING CAPITAL															18.20
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2642.43

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

Table 5.C: Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Snap Beans, Fresh Market - Hand Harvest, Alabama - MALTA, 2005

			BREAKEVEN PRICE										
Snap Beans			9.22	9.79	10.45	11.21	12.12	13.21	14.54	16.2	18.33	21.18	25.16
PERCENT	YIELD	UNIT	<i>dollars</i>										
50	100	301b	-1491	-1434	-1369	-1292	-1201	-1093	-960	-794	-580	-296	102
			-1594	-1537	-1471	-1394	-1304	-1195	-1062	-896	-683	-398	0
60	120	301b	-1332	-1264	-1185	-1093	-984	-854	-694	-495	-239	102	580
			-1434	-1366	-1287	-1195	-1086	-956	-797	-597	-341	0	478
70	140	301b	-1172	-1093	-1001	-893	-767	-614	-428	-196	102	500	1058
			-1275	-1195	-1103	-996	-869	-717	-531	-298	0	398	956
80	160	301b	-1013	-922	-817	-694	-549	-375	-163	102	444	899	1537
			-1115	-1024	-919	-797	-652	-478	-265	0	341	797	1434
90	180	301b	-854	-751	-633	-495	-332	-136	102	401	785	1298	2015
			-956	-854	-735	-597	-434	-239	0	298	683	1195	1913
100	200	301b	-694	-580	-449	-296	-114	102	368	700	1127	1696	2493
			-797	-683	-551	-398	-217	0	265	597	1024	1594	2391
110	220	301b	-535	-409	-265	-96	102	341	633	999	1468	2095	2971
			-637	-512	-367	-199	0	239	531	896	1366	1992	2869
120	240	301b	-375	-239	-81	102	319	580	899	1298	1810	2493	3450
			-478	-341	-183	0	217	478	797	1195	1708	2391	3347
130	260	301b	-216	-68	102	301	537	819	1165	1596	2152	2892	3928
			-318	-170	0	199	434	717	1062	1494	2049	2789	3826
140	280	301b	-56	102	286	500	754	1058	1430	1895	2493	3290	4406
			-159	0	183	398	652	956	1328	1793	2391	3188	4304
150	300	301b	102	273	470	700	971	1298	1696	2194	2835	3689	4884
			0	170	367	597	869	1195	1594	2092	2732	3586	4782

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.