

Table 6.A Summary of estimated costs per acre
 Lima / butter beans - hand harvest
 Alabama, MALTAG, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	99.53	1.0000	99.53	_____
FUNGICIDE	acre	25.70	1.0000	25.70	_____
HERBICIDE	acre	3.50	1.0000	3.50	_____
INSECTICIDE	acre	26.68	1.0000	26.68	_____
SEED/PLANTS	acre	720.00	1.0000	720.00	_____
OTHER	acre	120.00	1.0000	120.00	_____
GRD LABOR LIMA BEANS	hour	8.00	14.1200	112.96	_____
HAND LABOR	hour	8.00	0.2643	2.12	_____
HARVEST LABOR	hour	8.00	136.0000	1088.00	_____
OPERATOR LABOR	hour	9.41	2.8172	26.50	_____
DIESEL FUEL	gal	2.41	10.8755	26.20	_____
REPAIR & MAINTENANCE	acre	60.32	1.0000	60.32	_____
INTEREST ON OP. CAP.	acre	30.32	1.0000	30.32	_____

TOTAL DIRECT EXPENSES				2341.83	_____
TOTAL FIXED EXPENSES				162.81	_____

TOTAL SPECIFIED EXPENSES				2504.64	_____

Note: Cost of production estimates are based on 2006 input prices.

Table 6.B Estimated resource use and costs for field operations, per acre
 Lima / butter beans - hand harvest
 Alabama, MALTAG, 2007

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	34.00	16.83	16.83
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Jan	2.25	1.48	0.17	0.36	0.22	2.07				6.33
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Mar	2.03	1.33	0.51	1.30	0.19	1.87				7.04
Disk Bed +App Fert	4-Row	2WD 75 hp	0.141	1.00	Mar	1.44	0.94	0.42	1.34	0.21	1.89				6.03
Amm Nitrate (34%)	cwt											1.5000	17.00	25.50	25.50
Phosphorus(46% P205)	cwt											1.5600	15.00	23.40	23.40
Potash (60% K20)	cwt											1.2000	14.00	16.80	16.80
Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	Apr	1.98	1.30	0.39	1.24	0.29	2.60				7.51
Treflan HFP	pt											1.5000	2.33	3.50	3.50
Diazion AG500	pt											1.0000	4.27	4.27	4.27
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Apr	4.06	2.66	6.36	13.00	0.39	3.73				29.81
Lima Bean-Hybrid	lb											30.0000	24.00	720.00	720.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	May	2.51	1.64	7.97	17.34	0.24	2.31				31.77
Sevin XLR Plus	qt											1.0000	7.47	7.47	7.47
Cultivate+Sidedress	4-Row	2WD 75 hp	0.193	1.00	May	1.98	1.30	1.10	6.63	0.29	2.60				13.61
Amm Nitrate (34%)	cwt											1.0000	17.00	17.00	17.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	4.00	May	10.04	6.58	31.90	69.34	0.98	9.24				127.10
Kocide DF	lb											8.8000	2.92	25.70	25.70
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	May	2.51	1.64	7.97	17.34	0.24	2.31				31.77
Sevin XLR Plus	qt											2.0000	7.47	14.94	14.94
HARVEST LABOR	hour			1.00	Jun					136.00	1088.00				1088.00
5-Gal Bucket	each											40.0000	3.00	120.00	120.00
Sheller Lima Beans	each			1.00	Jun				8.15			0.0200			8.15
Application 1	acre			1.00	Jun			0.25		9.00	72.00	1.0000			72.25
R.B.Convey LimaBeans	each			1.00	Jun				3.70			0.0200			3.70
Rot.PakTable L-Beans	each			1.00	Jun				3.23			0.0200			3.23
Application 1	acre			1.00	Jun			0.13		5.00	40.00	1.0000			40.13
Bag Sealer LimaBeans	each			1.00	Jun				0.97			0.0200			0.97
Application 1	acre			1.00	Jun			0.55		0.12	0.96	1.0000			1.51
TOTALS						28.80	18.87	57.72	143.94	153.20	1229.58			995.41	2474.32
INTEREST ON OPERATING CAPITAL															30.32
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2504.64

Note: Cost of production estimates are based on 2006 input prices.

Table 6.C Breakeven price above total expenses and net returns for price/yield combinations, per acre
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			-----BREAKEVEN PRICE-----										
Lima/Butter Beans			15.60	16.71	18.00	19.50	21.27	23.40	26.00	29.25	33.43	39.01	46.81
PERCENT	YIELD	UNIT	-----dollars-----										
50	53.50	10lb	-1506	-1447	-1378	-1298	-1203	-1089	-950	-776	-552	-254	162
			-1669	-1610	-1541	-1461	-1366	-1252	-1113	-939	-715	-417	0
60	64.20	10lb	-1339	-1268	-1185	-1089	-975	-839	-672	-463	-194	162	663
			-1502	-1431	-1348	-1252	-1138	-1001	-834	-626	-357	0	500
70	74.90	10lb	-1172	-1089	-993	-880	-747	-588	-393	-150	162	580	1164
			-1335	-1252	-1155	-1043	-910	-751	-556	-313	0	417	1001
80	85.60	10lb	-1006	-910	-800	-672	-520	-338	-115	162	520	997	1665
			-1168	-1073	-963	-834	-683	-500	-278	0	357	834	1502
90	96.30	10lb	-839	-731	-607	-463	-292	-87	162	475	878	1415	2166
			-1001	-894	-770	-626	-455	-250	0	313	715	1252	2003
100	107.00	10lb	-672	-552	-415	-254	-64	162	441	788	1236	1832	2667
			-834	-715	-577	-417	-227	0	278	626	1073	1669	2504
110	117.70	10lb	-505	-373	-222	-45	162	413	719	1102	1594	2250	3168
			-667	-536	-385	-208	0	250	556	939	1431	2087	3005
120	128.40	10lb	-338	-194	-29	162	390	663	997	1415	1951	2667	3669
			-500	-357	-192	0	227	500	834	1252	1789	2504	3506
130	139.10	10lb	-171	-16	162	371	618	914	1275	1728	2309	3084	4170
			-333	-178	0	208	455	751	1113	1565	2146	2922	4007
140	149.80	10lb	-4	162	355	580	845	1164	1554	2041	2667	3502	4671
			-166	0	192	417	683	1001	1391	1878	2504	3339	4508
150	160.50	10lb	162	341	548	788	1073	1415	1832	2354	3025	3919	5172
			0	178	385	626	910	1252	1669	2191	2862	3756	5009

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 2006 input prices.