

Table 12.A Summary of estimated costs per acre  
 Southern peas, fresh market - hand harvest  
 Alabama, MALTAG, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	65.53	1.0000	65.53	_____
HERBICIDE	acre	1.17	1.0000	1.17	_____
INSECTICIDE	acre	65.15	1.0000	65.15	_____
SEED/PLANTS	acre	20.00	1.0000	20.00	_____
OTHER	acre	60.00	1.0000	60.00	_____
HAND LABOR	hour	8.00	0.3669	2.94	_____
HARVEST LABOR	hour	8.00	75.0000	600.00	_____
OPERATOR LABOR	hour	9.41	2.7793	26.15	_____
DIESEL FUEL	gal	2.41	10.7295	25.84	_____
REPAIR & MAINTENANCE	acre	49.97	1.0000	49.97	_____
INTEREST ON OP. CAP.	acre	8.80	1.0000	8.80	_____
				-----	
TOTAL DIRECT EXPENSES				925.55	_____
TOTAL FIXED EXPENSES				122.58	_____
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TOTAL SPECIFIED EXPENSES				1048.13	_____

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

Table 12.B Estimated resource use and costs for field operations, per acre  
 Southern peas, fresh market - hand harvest  
 Alabama, MALTAG, 2007

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	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
Sub-Soiler	2 Shank	2WD 75 hp	0.404	1.00	Feb	4.13	2.71	0.86	2.68	0.40	3.81				14.19
Cyclone Spin	825 Lb	2WD 75 hp	0.084	1.00	Feb	0.86	0.56	0.04	0.18	0.08	0.79				2.43
Amm Nitrate (34%)	cwt											0.5000	17.00	8.50	8.50
Phosphorus(46% P205)	cwt											1.5600	15.00	23.40	23.40
Potash (60% K20)	cwt											1.2000	14.00	16.80	16.80
Disk Harrow	14 Ft	2WD 75 hp	0.141	2.00	Mar	2.90	1.90	1.12	2.87	0.28	2.67				11.46
Disk Bed	4-Row	2WD 75 hp	0.140	1.00	Mar	1.44	0.94	0.18	0.58	0.14	1.33				4.47
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											0.5000	2.33	1.17	1.17
Plntr - Vacuum	4 Row	2WD 75 hp	0.226	1.00	Apr	2.32	1.52	12.23	24.99	0.22	2.13				43.19
Southern Peas-OP	lb											10.0000	2.00	20.00	20.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Apr	2.51	1.64	7.97	17.34	0.24	2.31				31.77
Diazion AG500	pt											1.2500	4.27	5.34	5.34
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	3.00	May	7.53	4.93	23.92	52.01	0.73	6.93				95.32
Endosulfan 3E	pt											15.9480	3.75	59.81	59.81
Cultivate	4-Row	2WD 75 hp	0.193	1.00	May	1.98	1.30	0.57	1.83	0.19	1.82				7.50
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	3.00	May	2.76	1.81	0.12	0.25	0.54	4.70				9.64
HARVEST LABOR	hour			1.00	May					75.00	600.00				600.00
5-Gal Bucket	each											20.0000	3.00	60.00	60.00
TOTALS						28.41	18.61	47.40	103.97	78.14	629.09			211.85	1039.33
INTEREST ON OPERATING CAPITAL															8.80
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1048.13

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

Table 12.C Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Southern peas, fresh market - hand harvest  
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			-----BREAKEVEN PRICE-----										
Southern Peas			6.98	7.48	8.06	8.73	9.52	10.48	11.64	13.10	14.97	17.46	20.96
PERCENT	YIELD	UNIT	-----dollars-----										
50	50.00	10lb	-576	-551	-522	-488	-449	-401	-343	-270	-176	-52	122
			-698	-673	-645	-611	-571	-524	-465	-393	-299	-174	0
60	60.00	10lb	-506	-476	-441	-401	-353	-296	-226	-139	-27	122	332
			-628	-598	-564	-524	-476	-419	-349	-262	-149	0	209
70	70.00	10lb	-436	-401	-361	-314	-258	-191	-110	-8	122	297	541
			-559	-524	-483	-436	-381	-314	-232	-131	0	174	419
80	80.00	10lb	-366	-326	-280	-226	-163	-87	6	122	272	471	751
			-489	-449	-403	-349	-285	-209	-116	0	149	349	628
90	90.00	10lb	-296	-251	-199	-139	-67	17	122	253	422	646	961
			-419	-374	-322	-262	-190	-104	0	131	299	524	838
100	100.00	10lb	-226	-176	-119	-52	27	122	239	384	571	821	1170
			-349	-299	-241	-174	-95	0	116	262	449	698	1048
110	110.00	10lb	-156	-102	-38	35	122	227	355	515	721	996	1380
			-279	-224	-161	-87	0	104	232	393	598	873	1257
120	120.00	10lb	-87	-27	41	122	217	332	471	646	871	1170	1589
			-209	-149	-80	0	95	209	349	524	748	1048	1467
130	130.00	10lb	-17	47	122	209	313	437	588	777	1020	1345	1799
			-139	-74	0	87	190	314	465	655	898	1222	1677
140	140.00	10lb	52	122	203	297	408	541	704	908	1170	1520	2009
			-69	0	80	174	285	419	582	786	1048	1397	1886
150	150.00	10lb	122	197	283	384	503	646	821	1039	1320	1694	2218
			0	74	161	262	381	524	698	917	1197	1572	2096

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.

