

Table 13.A Summary of estimated costs per acre
 Southern peas, fresh market-mechanical 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	48.75	1.0000	48.75	_____
GRD LABOR S. PEAS	hour	8.00	9.1000	72.80	_____
HAND LABOR	hour	8.00	10.8112	86.49	_____
OPERATOR LABOR	hour	9.41	9.6522	90.83	_____
DIESEL FUEL	gal	2.41	37.2614	89.79	_____
REPAIR & MAINTENANCE	acre	97.97	1.0000	97.97	_____
INTEREST ON OP. CAP.	acre	6.83	1.0000	6.83	_____

TOTAL DIRECT EXPENSES				645.31	_____
TOTAL FIXED EXPENSES				232.76	_____

TOTAL SPECIFIED EXPENSES				878.07	_____

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

Table 13.B Estimated resource use and costs for field operations, per acre
 Southern peas, fresh market-mechanical 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
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
Picker Beans/Peas	1 Row	2WD 75 hp	3.571	1.00	May	36.52	23.92	39.11	44.69	10.71	90.75				234.99
Sacks - S Peas	each											75.0000	0.65	48.75	48.75
Trailer-Southern Pea	16 ft	2WD 75 hp	3.571	1.00	May	36.52	23.92	1.75	3.66	7.14	62.18				128.03
Sheller S. Peas	each			1.00	May				8.15			0.0200			8.15
Application 1	acre			1.00	May			0.25		6.00	48.00	1.0000			48.25
R.B.Convey S. Peas	each			1.00	May				3.70			0.0200			3.70
Rot.Pk.Table S Peas	each			1.00	May				3.23			0.0200			3.23
Application 1	acre			1.00	May			0.13		3.00	24.00	1.0000			24.13
Bag Sealer S. Peas	each			1.00	May				0.97			0.0200			0.97
Application 1	acre			1.00	May			0.55		0.10	0.80	1.0000			1.35
TOTALS						98.69	64.64	89.07	168.12	29.56	250.12			200.60	871.24
INTEREST ON OPERATING CAPITAL															6.83
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															878.07

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

Table 13.C Breakeven price above total expenses and net returns for price/yield combinations, per acre
 Southern peas, fresh market-mechanical harvest
 Alabama, MALTAG, 2007

			-----BREAKEVEN PRICE-----										
Southern Peas			9.14	9.79	10.55	11.43	12.47	13.71	15.24	17.14	19.59	22.86	27.43
PERCENT	YIELD	UNIT	-----dollars-----										
50	32.00	10lb	-352	-331	-307	-279	-246	-206	-157	-96	-18	86	232
			-585	-564	-540	-512	-478	-439	-390	-329	-250	-146	0
60	38.40	10lb	-294	-268	-240	-206	-166	-118	-59	13	107	232	408
			-526	-501	-472	-439	-399	-351	-292	-219	-125	0	175
70	44.80	10lb	-235	-206	-172	-133	-86	-30	37	123	232	379	583
			-468	-439	-405	-365	-319	-263	-195	-109	0	146	351
80	51.20	10lb	-177	-143	-104	-59	-6	57	135	232	358	525	759
			-409	-376	-337	-292	-239	-175	-97	0	125	292	526
90	57.60	10lb	-118	-80	-37	13	73	144	232	342	483	671	935
			-351	-313	-270	-219	-159	-87	0	109	250	439	702
100	64.00	10lb	-59	-18	30	86	152	232	330	452	609	818	1110
			-292	-250	-202	-146	-79	0	97	219	376	585	878
110	70.40	10lb	-1	44	97	159	232	320	427	562	734	964	1286
			-234	-188	-135	-73	0	87	195	329	501	731	1053
120	76.80	10lb	57	107	165	232	312	408	525	671	859	1110	1462
			-175	-125	-67	0	79	175	292	439	627	878	1229
130	83.20	10lb	115	170	232	305	392	496	623	781	985	1257	1637
			-117	-62	0	73	159	263	390	548	752	1024	1404
140	89.60	10lb	174	232	300	379	472	583	720	891	1110	1403	1813
			-58	0	67	146	239	351	487	658	878	1170	1580
150	96.00	10lb	232	295	367	452	552	671	818	1001	1236	1549	1988
			0	62	135	219	319	439	585	768	1003	1317	1756

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.