

Table 11.A Summary of estimated costs per acre
 Snap beans, fresh market - mechanical harvest
 Alabama, MALTAG, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM	acre	4.21	1.0000	4.21	_____
FERTILIZER	acre	84.75	1.0000	84.75	_____
FUNGICIDE	acre	20.80	1.0000	20.80	_____
HERBICIDE	acre	4.66	1.0000	4.66	_____
INSECTICIDE	acre	25.62	1.0000	25.62	_____
SEED/PLANTS	acre	350.00	1.0000	350.00	_____
OTHER	acre	330.00	1.0000	330.00	_____
GRD LABOR S. BEANS	hour	8.00	62.0000	496.00	_____
HAND LABOR	hour	8.00	11.0770	88.61	_____
OPERATOR LABOR	hour	9.41	10.3551	97.44	_____
DIESEL FUEL	gal	2.41	39.9751	96.34	_____
REPAIR & MAINTENANCE	acre	193.40	1.0000	193.40	_____
INTEREST ON OP. CAP.	acre	21.50	1.0000	21.50	_____

TOTAL DIRECT EXPENSES				1813.33	_____
TOTAL FIXED EXPENSES				251.65	_____

TOTAL SPECIFIED EXPENSES				2064.98	_____

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

Table 11.B Estimated resource use and costs for field operations, per acre
 Snap beans, 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-----			
Custom Apply Fert	acre			0.33	Feb							0.4950	8.50	4.21	4.21
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.25	1.48	0.17	0.36	0.22	2.07				6.33
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Feb	4.06	2.66	1.01	2.60	0.39	3.73				14.06
Disk Bed +App Fert	4-Row	2WD 75 hp	0.141	1.00	Feb	1.44	0.94	0.42	1.34	0.21	1.89				6.03
Fert 13-13-13	cwt											6.0000	12.00	72.00	72.00
Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	Feb	1.98	1.30	0.39	1.24	0.29	2.60				7.51
Treflan HFP	pt											2.0000	2.33	4.66	4.66
Terrachlor 75 WP	lb											2.0000	6.77	13.54	13.54
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Mar	4.06	2.66	6.36	13.00	0.39	3.73				29.81
Snap Beans - Hybrid	lb											70.0000	5.00	350.00	350.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Mar	5.02	3.29	15.95	34.67	0.49	4.62				63.55
Diazion AG500	pt											2.5000	4.27	10.68	10.68
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Apr	5.02	3.29	15.95	34.67	0.49	4.62				63.55
Basic Copper Sulfate	lb											6.0000	1.21	7.26	7.26
Cultivate+Sidedress	2-Row	2WD 75 hp	0.390	1.00	Apr	3.99	2.62	0.74	4.45	0.58	5.24				17.04
Amm Nitrate (34%)	cwt											0.7500	17.00	12.75	12.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Apr	5.02	3.29	15.95	34.67	0.49	4.62				63.55
Sevin XLR Plus	qt											2.0000	7.47	14.94	14.94
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
Bushel Box	each											150.0000	1.20	180.00	180.00
Trailer - Snap Bean	16 ft	2WD 75 hp	3.571	1.00	May	36.52	23.92	1.75	3.66	7.14	62.18				128.03
Load Conveyor S Bean				1.00	May										
GRD LABOR S. BEANS	hour									20.00	160.00				160.00
Cooling Snap Beans	bu box			1.00	May							200.0000	0.75	150.00	150.00
R.B.ConveySnapBeans	each			1.00	May				3.70			0.0200			3.70
Application 1	bu			1.00	May			79.68		40.00	320.00	200.0000			399.68
Rot.Pk Table S Beans	each			1.00	May				3.23			0.0200			3.23
Application 1	bu			1.00	May			6.38		2.00	16.00	200.0000			22.38
TOTALS						105.88	69.37	183.86	182.28	83.43	682.05			820.04	2043.48
INTEREST ON OPERATING CAPITAL															21.50
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2064.98

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

Table 11.C Breakeven price above total expenses and net returns for price/yield combinations, per acre
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			-----BREAKEVEN PRICE-----										
Snap Beans			9.58	10.17	10.86	11.67	12.62	13.76	15.16	16.90	19.14	22.13	26.32
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	30lb	-1004	-959	-907	-847	-775	-690	-585	-454	-286	-62	251
			-1255	-1210	-1159	-1098	-1027	-941	-837	-706	-538	-313	0
60	90.00	30lb	-878	-824	-762	-690	-604	-501	-376	-219	-17	251	628
			-1130	-1076	-1014	-941	-856	-753	-627	-470	-269	0	376
70	105.00	30lb	-752	-690	-617	-533	-433	-313	-166	16	251	565	1005
			-1004	-941	-869	-784	-684	-565	-418	-235	0	313	753
80	120.00	30lb	-627	-555	-472	-376	-262	-125	42	251	520	879	1381
			-879	-807	-724	-627	-513	-376	-209	0	269	627	1130
90	135.00	30lb	-501	-421	-327	-219	-90	63	251	487	789	1193	1758
			-753	-672	-579	-470	-342	-188	0	235	538	941	1506
100	150.00	30lb	-376	-286	-183	-62	80	251	460	722	1058	1507	2135
			-627	-538	-434	-313	-171	0	209	470	807	1255	1883
110	165.00	30lb	-250	-152	-38	94	251	440	670	958	1328	1821	2512
			-502	-403	-289	-156	0	188	418	706	1076	1569	2260
120	180.00	30lb	-125	-17	106	251	422	628	879	1193	1597	2135	2888
			-376	-269	-144	0	171	376	627	941	1345	1883	2637
130	195.00	30lb	0	117	251	408	594	816	1088	1428	1866	2449	3265
			-251	-134	0	156	342	565	837	1177	1614	2197	3013
140	210.00	30lb	126	251	396	565	765	1005	1298	1664	2135	2763	3642
			-125	0	144	313	513	753	1046	1412	1883	2511	3390
150	225.00	30lb	251	386	541	722	936	1193	1507	1899	2404	3077	4019
			0	134	289	470	684	941	1255	1648	2152	2825	3767

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.