

Table 5.A Summary of estimated costs per acre  
 Greens (turnip, mustard, collards), fresh market  
 Alabama, MALTAG, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	105.83	1.0000	105.83	_____
FUNGICIDE	acre	17.52	1.0000	17.52	_____
HERBICIDE	acre	3.50	1.0000	3.50	_____
INSECTICIDE	acre	16.83	1.0000	16.83	_____
SEED/PLANTS	acre	264.00	1.0000	264.00	_____
OTHER	acre	765.00	1.0000	765.00	_____
HAND LABOR	hour	8.00	0.1931	1.55	_____
HARVEST & PACK LABOR	hour	8.00	175.0000	1400.00	_____
OPERATOR LABOR	hour	9.41	3.0759	28.93	_____
DIESEL FUEL	gal	2.41	11.8742	28.61	_____
REPAIR & MAINTENANCE	acre	59.33	1.0000	59.33	_____
INTEREST ON OP. CAP.	acre	24.30	1.0000	24.30	_____
				-----	
TOTAL DIRECT EXPENSES				2715.40	_____
TOTAL FIXED EXPENSES				143.09	_____
				-----	
TOTAL SPECIFIED EXPENSES				2858.49	_____

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

Table 5.B Estimated resource use and costs for field operations, per acre  
 Greens (turnip, mustard, collards), fresh market  
 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
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Aug	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	Aug	4.06	2.66	1.01	2.60	0.39	3.73					14.06
Cyclone Spin	825 Lb	2WD 75 hp	0.084	1.00	Aug	0.86	0.56	0.04	0.18	0.08	0.79					2.43
Fert 13-13-13	cwt											6.0000	12.00	72.00		72.00
Disk + Incorporate	10 Ft	2WD 75 hp	0.206	1.00	Aug	2.11	1.38	0.90	1.93	0.30	2.77					9.09
Treflan HFP	pt											1.5000	2.33	3.50		3.50
Cultipacker	12 Ft	2WD 75 hp	0.124	1.00	Aug	1.27	0.83	0.09	0.15	0.12	1.17					3.51
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Sep	4.06	2.66	6.36	13.00	0.39	3.73					29.81
Greens - Hybrid	lb											3.3000	80.00	264.00		264.00
Cyclone Spin	825 Lb	2WD 75 hp	0.084	1.00	Sep	0.86	0.56	0.04	0.18	0.08	0.79					2.43
Amm Nitrate (34%)	cwt											1.0000	17.00	17.00		17.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	3.00	Sep	7.53	4.93	23.92	52.01	0.73	6.93					95.32
Kocide DF	lb											6.0000	2.92	17.52		17.52
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Sep	5.02	3.29	15.95	34.67	0.49	4.62					63.55
Malathion 5E	pt											4.0000	3.23	12.92		12.92
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Oct	2.51	1.64	7.97	17.34	0.24	2.31					31.77
Dipel ES	pt											1.0000	3.91	3.91		3.91
Stacking Bins	each			1.00	Oct							20.0000	2.00	40.00		40.00
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	1.00	Oct	0.92	0.60	0.04	0.08	0.18	1.57					3.21
HARVEST & PACK LABOR	hour			1.00	Oct							175.00	1400.00			1400.00
Boxes-Waxed	each			1.00	Oct							500.0000	1.20	600.00		600.00
Cooling Box - Greens box												500.0000	0.25	125.00		125.00
TOTALS						31.45	20.59	56.49	122.50	178.26	1430.48			1172.68		2834.19
INTEREST ON OPERATING CAPITAL																24.30
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																2858.49

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

Table 5.C Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Greens (turnip, mustard, collards), fresh market  
 Alabama, MALTAG, 2007

			-----BREAKEVEN PRICE-----										
Greens (25lb)			4.21	4.42	4.67	4.96	5.30	5.71	6.21	6.84	7.64	8.72	10.22
PERCENT	YIELD	UNIT	-----dollars-----										
50	250.00	2doz	-1359	-1306	-1244	-1171	-1086	-984	-858	-702	-500	-232	143
			-1502	-1449	-1387	-1314	-1229	-1127	-1001	-845	-644	-375	0
60	300.00	2doz	-1209	-1145	-1070	-984	-881	-758	-608	-420	-178	143	593
			-1352	-1288	-1213	-1127	-1024	-901	-751	-563	-322	0	450
70	350.00	2doz	-1059	-984	-897	-796	-676	-533	-357	-138	143	518	1044
			-1202	-1127	-1040	-939	-819	-676	-500	-281	0	375	901
80	400.00	2doz	-908	-823	-723	-608	-471	-307	-107	143	465	894	1495
			-1051	-966	-867	-751	-614	-450	-250	0	322	751	1352
90	450.00	2doz	-758	-661	-550	-420	-266	-82	143	424	787	1270	1946
			-901	-805	-693	-563	-409	-225	0	281	644	1127	1803
100	500.00	2doz	-608	-500	-377	-232	-61	143	393	706	1109	1645	2397
			-751	-644	-520	-375	-204	0	250	563	966	1502	2254
110	550.00	2doz	-458	-339	-203	-44	143	368	644	988	1431	2021	2848
			-601	-483	-346	-187	0	225	500	845	1288	1878	2705
120	600.00	2doz	-307	-178	-30	143	348	593	894	1270	1753	2397	3299
			-450	-322	-173	0	204	450	751	1127	1610	2254	3155
130	650.00	2doz	-157	-17	143	330	552	819	1144	1551	2075	2773	3749
			-300	-161	0	187	409	676	1001	1408	1932	2629	3606
140	700.00	2doz	-7	143	316	518	757	1044	1395	1833	2397	3148	4200
			-150	0	173	375	614	901	1252	1690	2254	3005	4057
150	750.00	2doz	143	304	489	706	962	1270	1645	2115	2719	3524	4651
			0	161	346	563	819	1127	1502	1972	2576	3381	4508

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.