

Table 40.A Summary of estimated costs per acre  
 Peach, Irrigated  
 Year 1, establish. yr., 20ft spac., 10gpm, 2,178 row ft,  
 Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	41.28	1.0000	41.28	_____
FUNGICIDE	acre	45.28	1.0000	45.28	_____
HERBICIDE	acre	51.98	1.0000	51.98	_____
INSECTICIDE	acre	134.30	1.0000	134.30	_____
OTHER	acre	9.10	1.0000	9.10	_____
FRUIT / NUT	acre	1101.05	1.0000	1101.05	_____
IRRIGATION SUPPLIES	acre	5.88	1.0000	5.88	_____
Hand Labor	hour	8.28	12.6136	104.45	_____
Irrigation Labor	hour	8.28	10.5000	86.94	_____
Operator Labor	hour	10.21	8.1328	83.05	_____
Planting Labor	hour	8.28	8.0000	66.24	_____
Prunning labor	hour	8.28	5.0000	41.40	_____
UNALLOCATED LABOR	hour	10.21	1.6265	16.62	_____
DIESEL FUEL	gal	2.41	11.4984	27.70	_____
GASOLINE	gal	2.83	2.1989	6.20	_____
REPAIR & MAINTENANCE	acre	19.21	1.0000	19.21	_____
INTEREST ON OP. CAP.	acre	109.92	1.0000	109.92	_____
				-----	
TOTAL DIRECT EXPENSES				1950.60	_____
TOTAL FIXED EXPENSES				943.97	_____
				-----	
TOTAL SPECIFIED EXPENSES				2894.57	_____

Note: Cost of production estimates are based on last year's input price.

Table 40.B Estimated resource use and costs for field operations, per acre  
 Peach, Irrigated  
 Year 1, establish.yr., 20ft spac., 10gpm, 2,178 row ft, Alabama, MALTAG 2008

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-----			
Hand Labor	hour			1.00	Nov					0.50	4.14				4.14
Soil Test	each											1.0000	6.00	6.00	6.00
Chisel Plow	5 ft	MFWD 50 hp	0.220	1.00	Nov	1.52	1.21	0.22	0.50	0.22	2.25				5.70
Disk Harrow	10 Ft	MFWD 50 hp	0.198	1.00	Nov	1.38	1.09	0.58	1.53	0.19	2.02				6.60
Mark of Rows				1.00	Nov										
Hand Labor	hour									1.00	8.28				8.28
Sub-Soiler	1 shank	MFWD 50 hp	1.078	1.00	Nov	7.48	5.92	0.32	1.04	1.07	11.01				25.77
Utility Vechicle	4 x 4		0.249	1.00	Nov	0.63	1.62			0.25	2.55				4.80
Hand Labor	hour									1.00	8.28				8.28
Fert 13-13-13	cwt											2.0000	12.00	24.00	24.00
Disk Bed (Hipper)	1-row	MFWD 50 hp	0.750	1.00	Nov	5.20	4.11	0.45	2.11	0.75	7.66				19.53
Fert Appl (Liquid)	4R-6'	MFWD 50 hp	1.309	0.25	Nov	2.27	1.80	2.62	3.67	0.49	4.70				15.06
Telone II	gal											8.7500	13.84	121.10	121.10
Trailer utility	10 ft	MFWD 50 hp	0.600	1.00	Feb	4.16	3.29	0.08	0.37	0.60	6.13				14.03
Planting Labor	hour									8.00	66.24				66.24
Peach Trees	each											145.0000	6.64	962.80	962.80
Grow Tubes	each											145.0000	0.85	123.25	123.25
Irrigate & Check				1.00	Apr										
Irrigation Labor	hour									0.50	4.14				4.14
1/2 of water needed	100gal											1.0000	0.28	0.28	0.28
Utility Vechicle	4 x 4		0.249	1.00	Apr	0.63	1.62			0.25	2.55				4.80
Hand Labor	hour									1.00	8.28				8.28
Amm Nitrate (34%)	cwt											0.3600	16.00	5.76	5.76
Chemical Mowing				1.00	Apr										
Sprayer- Pull Type	12'	4 x 4	0.500			1.27	3.25	3.20	344.00	0.50	5.11				356.83
Gramoxone Inteon	pt											1.0000	3.68	3.68	3.68
Surfactant Non Ionic	pt											1.0000	1.55	1.55	1.55
Early Weed Control				0.33	Apr										
Sprayer (Broadcast)	12 ft	4 x 4	0.500			0.42	1.07	0.02	0.11	0.16	1.68				3.30
Chateau WDG	oz											1.9602	5.75	11.27	11.27
Weed and Clean				1.00	May										
Sprayer (BC & Wand)	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Hand Labor	hour									2.00	16.56				16.56
Gramoxone Inteon	pt											3.0000	3.68	11.04	11.04
Chemical Mowing				1.00	May										
Sprayer- Pull Type	12'	4 x 4	0.500			1.27	3.25	3.20	344.00	0.50	5.11				356.83
Gramoxone Inteon	pt											1.0000	3.68	3.68	3.68
Surfactant Non Ionic	pt											1.0000	1.55	1.55	1.55
Irrigate & Check				1.00	May										
Irrigation Labor	hour									0.50	4.14				4.14



Table 40.B continued... Estimated resource use and costs for field operations, per acre  
 Peach, Irrigated  
 Year 1, establish.yr., 20ft spac., 10gpm, 2,178 row ft, Alabama, MALTAG 2008

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-----			
Sprayer (BC & Wand)	12 ft	4 x 4	0.500			1.27	3.25	0.05	0.33	0.50	5.11				10.01
Hand Labor	hour									0.45	3.73				3.73
Dormant Oil	gal											2.5000	6.00	15.00	15.00
Ferbam	lb											4.0000	11.32	45.28	45.28
Irrigation	acre				Jan							1.0000			194.33
TOTALS						40.25	48.33	12.86	701.31	44.24	382.08			1388.87	2768.03
INTEREST ON OPERATING CAPITAL															109.92
UNALLOCATED LABOR															16.62
TOTAL SPECIFIED COST															2894.57

Note: Cost of production estimates are based on last year's input prices.

Table 41.A Summary of estimated costs per acre  
 Peach, Irrigated  
 Year 2, 20ft spacing, 10gpm, 2,178 row ft,  
 Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	25.92	1.0000	25.92	_____
FUNGICIDE	acre	90.56	1.0000	90.56	_____
HERBICIDE	acre	51.98	1.0000	51.98	_____
INSECTICIDE	acre	13.20	1.0000	13.20	_____
OTHER	acre	9.10	1.0000	9.10	_____
FRUIT / NUT	acre	30.00	1.0000	30.00	_____
IRRIGATION SUPPLIES	acre	35.28	1.0000	35.28	_____
Hand Labor	hour	8.28	10.9000	90.26	_____
Irrigation Labor	hour	8.28	10.5000	86.94	_____
Operator Labor	hour	10.21	5.1600	52.71	_____
Pruning labor	hour	8.28	12.0000	99.36	_____
UNALLOCATED LABOR	hour	10.22	1.0320	10.55	_____
DIESEL FUEL	gal	2.41	3.6289	8.74	_____
GASOLINE	gal	2.83	2.2499	6.35	_____
REPAIR & MAINTENANCE	acre	12.81	1.0000	12.81	_____
INTEREST ON OP. CAP.	acre	26.07	1.0000	26.07	_____
				-----	
TOTAL DIRECT EXPENSES				649.83	_____
TOTAL FIXED EXPENSES				918.83	_____
				-----	
TOTAL SPECIFIED EXPENSES				1568.66	_____

Note: Cost of production estimates are based on last year's input price.



Table 41.B continued.. Estimated resource use and costs for field operations, per acre  
 Peach, Irrigated  
 Year 2, 20ft spacing, 10gpm, 2,178 row ft, Alabama, MALTAG 2008

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-----			
Prunning labor	hour									12.00	99.36				99.3
Limb/Branch Removal				1.00	Jun										
Brush Blade	7ft	MFWD 50 hp	0.500			3.47	2.74		1.16	0.50	5.11				12.48
Hand Labor	hour									1.00	8.28				8.28
Irrigate & Check				4.00	Jul										
Irrigation Labor	hour									2.00	16.56				16.56
1/2 of water needed	100gal											24.0000	0.28	6.72	6.72
Utility Vechicle	4 x 4		0.249	1.00	Jul	0.63	1.62			0.25	2.55				4.80
Hand Labor	hour									1.00	8.28				8.28
Amm Nitrate (34%)	cwt											0.5400	16.00	8.64	8.64
Rotary Cutter	7 ft	MFWD 50 hp	0.169	1.00	Jul	1.17	0.93	0.50	0.44	0.16	1.73				4.77
Irrigate & Check				4.00	Aug										
Irrigation Labor	hour									2.00	16.56				16.56
1/2 of water needed	100gal											24.0000	0.28	6.72	6.72
Rotary Cutter	7 ft	MFWD 50 hp	0.169	1.00	Aug	1.17	0.93	0.50	0.44	0.16	1.73				4.77
Weed and Clean				1.00	Aug										
Sprayer (BC & Wand)	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Hand Labor	hour									2.00	16.56				16.56
Gramoxone Inteon	pt											3.0000	3.68	11.04	11.04
Bore Spray				1.00	Aug										
Sprayer (BC & Wand)	12 ft	4 x 4	0.500			1.27	3.25	0.05	0.33	0.50	5.11				10.01
Hand Labor	hour									1.50	12.42				12.42
Lorsban 4E	pt											3.0000	4.40	13.20	13.20
Irrigate & Check				5.00	Sep										
Irrigation Labor	hour									2.50	20.70				20.70
1/2 of water needed	100gal											30.0000	0.28	8.40	8.40
Rotary Cutter	7 ft	MFWD 50 hp	0.169	1.00	Oct	1.17	0.93	0.50	0.44	0.16	1.73				4.77
Dormant Spray				1.00	Nov										
Sprayer (BC & Wand)	12 ft	4 x 4	0.500			1.27	3.25	0.05	0.33	0.50	5.11				10.01
Hand Labor	hour									0.45	3.73				3.73
Dormant Oil	gal											2.5000	6.00	15.00	15.00
Ferbam	lb											4.0000	11.32	45.28	45.28
Irrigation	acre				Jan							1.0000			194.33
TOTALS						19.27	32.11	8.63	692.39	38.56	329.27			256.04	1532.04
INTEREST ON OPERATING CAPITAL															26.07
UNALLOCATED LABOR															10.55
TOTAL SPECIFIED COST															1568.66

Note: Cost of production estimates are based on last year's input prices.

Table 42.A Summary of estimated costs per acre  
 Peach, Irrigated  
 Year 3, (3,625lb yield), 20ft spac., 10gpm, 2,178 row ft,  
 Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	45.36	1.0000	45.36	_____
FUNGICIDE	acre	287.08	1.0000	287.08	_____
HERBICIDE	acre	29.44	1.0000	29.44	_____
INSECTICIDE	acre	98.99	1.0000	98.99	_____
OTHER	acre	9.10	1.0000	9.10	_____
FRUIT / NUT	acre	30.00	1.0000	30.00	_____
IRRIGATION SUPPLIES	acre	58.80	1.0000	58.80	_____
Hand Labor	hour	8.28	28.0000	231.84	_____
Harvest Labor	hour	8.28	24.0000	198.72	_____
Irrigation Labor	hour	8.28	10.5000	86.94	_____
Operator Labor	hour	10.21	13.6148	138.96	_____
Prunning labor	hour	8.28	19.0000	157.32	_____
UNALLOCATED LABOR	hour	10.19	2.7229	27.75	_____
DIESEL FUEL	gal	2.41	11.8768	28.66	_____
GASOLINE	gal	2.83	5.3999	15.26	_____
REPAIR & MAINTENANCE	acre	27.56	1.0000	27.56	_____
INTEREST ON OP. CAP.	acre	65.17	1.0000	65.17	_____
				-----	
TOTAL DIRECT EXPENSES				1536.95	_____
TOTAL FIXED EXPENSES				987.89	_____
				-----	
TOTAL SPECIFIED EXPENSES				2524.84	_____

Note: Cost of production estimates are based on last year's input price.







Table 42.B continued.. Estimated resource use and costs for field operations, per acre  
 Peach, Irrigated  
 Year 3, (3,625lb yield), 20ft spac., 10gpm, 2,178 row ft, Alabama, MALTAG 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES		POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST		
				OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST			
												-----dollars-----			-----dollars-----		
Harvest Labor	hour										24.00	198.72				198.72	
Fruit to Field Edge				6.00	Jul												
Trailer Fruit 4'x6'	trip	4 x 4	1.000			15.23	39.03	0.80	1.73	6.00	61.26					118.05	
Irrigate & Check				4.00	Aug												
Irrigation Labor	hour									2.00	16.56					16.56	
1/2 of water needed	100gal											40.0000	0.28	11.20		11.20	
Rotary Cutter	7 ft	MFWD 50 hp	0.169	1.00	Aug	1.17	0.93	0.50	0.44	0.16	1.73					4.77	
Weed and Clean				1.00	Aug												
Sprayer (BC & Wand)	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55					5.00	
Hand Labor	hour									2.00	16.56					16.56	
Gramoxone Inteon	pt											3.0000	3.68	11.04		11.04	
Bore Spray				1.00	Aug												
Sprayer (Broadcast)	12 ft	4 x 4	0.500			1.27	3.25	0.05	0.33	0.50	5.11					10.01	
Hand Labor	hour									1.50	12.42					12.42	
Lorsban 4E	pt											3.0000	4.40	13.20		13.20	
Irrigate & Check				5.00	Sep												
Irrigation Labor	hour									2.50	20.70					20.70	
1/2 of water needed	100gal											50.0000	0.28	14.00		14.00	
Utility Vechicle	4 x 4		0.249	1.00	Sep	0.63	1.62			0.25	2.55					4.80	
Hand Labor	hour									1.00	8.28					8.28	
Amm Nitrate (34%)	cwt											0.6000	16.00	9.60		9.60	
Utility Vechicle	4 x 4		0.249	1.00	Sep	0.63	1.62			0.25	2.55					4.80	
Hand Labor	hour									1.00	8.28					8.28	
Potash (60% K20)	cwt											0.3000	13.00	3.90		3.90	
Rotary Cutter	7 ft	MFWD 50 hp	0.169	1.00	Oct	1.17	0.93	0.50	0.44	0.16	1.73					4.77	
Dormant Spray				1.00	Nov												
Sprayer A-B Orchard	16' 300gal	MFWD 50 hp	0.286			1.99	1.57	0.61	1.37	0.28	2.92					8.46	
Dormant Oil	gal											2.5000	6.00	15.00		15.00	
Ferbam	lb											4.0000	11.32	45.28		45.28	
Irrigation	acre				Jan							1.0000				194.33	
TOTALS						54.85	83.82	16.63	709.74	95.11	813.78			558.77		2431.92	
INTEREST ON OPERATING CAPITAL															65.17		
UNALLOCATED LABOR															27.75		
TOTAL SPECIFIED COST															2524.84		

Note: Cost of production estimates are based on last year's input price

Table 42.C Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Peach, Irrigated  
 Year 3, (3,625lb yield), 20ft spac., 10gpm, 2,178 row ft, Alabama, MALTAG 2008

			-----BREAKEVEN PRICE-----										
Peach - basket			5.57	5.97	6.43	6.96	7.60	8.36	9.28	10.45	11.94	13.93	16.72
PERCENT	YIELD	UNIT	-----dollars-----										
50	151.00	121b	-695	-635	-565	-484	-389	-274	-134	41	266	567	987
			-1683	-1623	-1553	-1472	-1377	-1262	-1122	-946	-721	-420	0
60	181.20	121b	-527	-454	-371	-274	-159	-22	146	356	627	987	1492
			-1514	-1442	-1359	-1262	-1147	-1009	-841	-631	-360	0	504
70	211.40	121b	-358	-274	-177	-64	69	230	426	672	987	1408	1997
			-1346	-1262	-1165	-1052	-918	-757	-561	-315	0	420	1009
80	241.60	121b	-190	-94	16	146	299	482	707	987	1348	1829	2502
			-1178	-1082	-971	-841	-688	-504	-280	0	360	841	1514
90	271.80	121b	-22	86	211	356	528	735	987	1303	1709	2250	3007
			-1009	-901	-776	-631	-459	-252	0	315	721	1262	2019
100	302.00	121b	146	266	405	567	758	987	1268	1619	2069	2671	3512
			-841	-721	-582	-420	-229	0	280	631	1082	1683	2524
110	332.20	121b	314	446	599	777	987	1240	1548	1934	2430	3091	4017
			-673	-541	-388	-210	0	252	561	946	1442	2104	3029
120	362.40	121b	482	627	793	987	1217	1492	1829	2250	2791	3512	4522
			-504	-360	-194	0	229	504	841	1262	1803	2524	3534
130	392.60	121b	651	807	987	1198	1446	1745	2110	2565	3152	3933	5027
			-336	-180	0	210	459	757	1122	1578	2164	2945	4039
140	422.80	121b	819	987	1182	1408	1676	1997	2390	2881	3512	4354	5532
			-168	0	194	420	688	1009	1402	1893	2524	3366	4544
150	453.00	121b	987	1168	1376	1619	1906	2250	2671	3197	3873	4775	6037
			0	180	388	631	918	1262	1683	2209	2885	3787	5049

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 last year's input prices.

Table 43.A Summary of estimated costs per acre  
 Peach, Irrigated  
 Year 4, (10,875lb yield), 20ft spac.,10gpm, 2,178 row ft,  
 Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	56.61	1.0000	56.61	_____
FUNGICIDE	acre	287.08	1.0000	287.08	_____
HERBICIDE	acre	29.44	1.0000	29.44	_____
INSECTICIDE	acre	98.99	1.0000	98.99	_____
OTHER	acre	9.10	1.0000	9.10	_____
FRUIT / NUT	acre	30.00	1.0000	30.00	_____
IRRIGATION SUPPLIES	acre	82.32	1.0000	82.32	_____
Hand Labor	hour	8.28	84.0000	695.52	_____
Harvest Labor	hour	8.28	51.0000	422.28	_____
Irrigation Labor	hour	8.28	10.5000	86.94	_____
Operator Labor	hour	10.21	24.6148	251.27	_____
Pruning labor	hour	8.28	29.0000	240.12	_____
UNALLOCATED LABOR	hour	10.19	4.9229	50.21	_____
DIESEL FUEL	gal	2.41	11.8768	28.66	_____
GASOLINE	gal	2.83	11.9999	33.94	_____
REPAIR & MAINTENANCE	acre	38.26	1.0000	38.26	_____
INTEREST ON OP. CAP.	acre	108.06	1.0000	108.06	_____
				-----	
TOTAL DIRECT EXPENSES				2548.80	_____
TOTAL FIXED EXPENSES				1062.62	_____
				-----	
TOTAL SPECIFIED EXPENSES				3611.42	_____

Note: Cost of production estimates are based on last year's input price.





Table 43.B continued.. Estimated resource use and costs for field operations, per acre  
 Peach, Irrigated  
 Year 4, (10,875lb yield), 20ft spac.,10gpm, 2,178 row ft, Alabama, MALTAG 2008

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-----			
Harvest Labor	hour									51.00	422.28				422.28
Fruit to Field Edge				17.00	Jul										
Traylor Fruit 4'x6'	trip	4 x 4	1.000			43.14	110.60	2.27	4.89	17.00	173.57				334.47
Irrigate & Check				4.00	Aug										
Irrigation Labor	hour									2.00	16.56				16.56
1/2 of water needed	100gal											56.0000	0.28	15.68	15.68
Rotary Cutter	7 ft	MFWD 50 hp	0.169	1.00	Aug	1.17	0.93	0.50	0.44	0.16	1.73				4.77
Weed and Clean				1.00	Aug										
Sprayer (BC & Wand)	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Hand Labor	hour									2.00	16.56				16.56
Gramoxone Inteon	pt											3.0000	3.68	11.04	11.04
Bore Spray				1.00	Aug										
Sprayer (BC & Wand)	12 ft	4 x 4	0.500			1.27	3.25	0.05	0.33	0.50	5.11				10.01
Hand Labor	hour									1.50	12.42				12.42
Lorsban 4E	pt											3.0000	4.40	13.20	13.20
Irrigate & Check				5.00	Sep										
Irrigation Labor	hour									2.50	20.70				20.70
1/2 of water needed	100gal											70.0000	0.28	19.60	19.60
Utility Vechicle	4 x 4		0.249	1.00	Sep	0.63	1.62			0.25	2.55				4.80
Hand Labor	hour									1.00	8.28				8.28
Amm Nitrate (34%)	cwt											0.7500	16.00	12.00	12.00
Utility Vechicle	4 x 4		0.249	1.00	Sep	0.63	1.62			0.25	2.55				4.80
Hand Labor	hour									1.00	8.28				8.28
Potash (60% K20)	cwt											0.4000	13.00	5.20	5.20
Rotary Cutter	7 ft	MFWD 50 hp	0.169	1.00	Oct	1.17	0.93	0.50	0.44	0.16	1.73				4.77
Dormant Spray				1.00	Nov										
Sprayer A-B Orchard	16' 300gal	MFWD 50 hp	0.286			1.99	1.57	0.61	1.37	0.28	2.92				8.46
Dormant Oil	gal											2.5000	6.00	15.00	15.00
Ferbam	lb											4.0000	11.32	45.28	45.28
Irrigation	acre				Jan							1.0000			194.33
TOTALS						82.76	155.39	18.10	712.90	199.11	1696.13			593.54	3453.15
INTEREST ON OPERATING CAPITAL															108.06
UNALLOCATED LABOR															50.21
TOTAL SPECIFIED COST															3611.42

Note: Cost of production estimates are based on last year's input prices.



Table 43.C Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Peach, Irrigated  
 Year 4, (10,875lb yield), 20ft spac.,10 gpm, 2,178 row ft, Alabama, MALTAG 2008

			-----BREAKEVEN PRICE-----										
Peach - basket			2.65	2.84	3.06	3.32	3.62	3.98	4.42	4.98	5.69	6.64	7.97
PERCENT	YIELD	UNIT	-----dollars-----										
50	453.00	121b	-1344	-1259	-1159	-1044	-907	-743	-542	-291	30	460	1062
			-2407	-2321	-2222	-2106	-1969	-1805	-1605	-1354	-1031	-601	0
60	543.60	121b	-1104	-1001	-881	-743	-578	-381	-141	159	546	1062	1784
			-2166	-2063	-1944	-1805	-1641	-1444	-1203	-902	-515	0	722
70	634.20	121b	-863	-743	-604	-442	-250	-20	260	611	1062	1664	2507
			-1926	-1805	-1666	-1504	-1313	-1083	-802	-451	0	601	1444
80	724.80	121b	-622	-485	-326	-141	77	340	661	1062	1578	2266	3229
			-1685	-1547	-1389	-1203	-984	-722	-401	0	515	1203	2166
90	815.40	121b	-381	-227	-48	159	405	701	1062	1514	2094	2868	3951
			-1444	-1289	-1111	-902	-656	-361	0	451	1031	1805	2889
100	906.00	121b	-141	30	229	460	734	1062	1463	1965	2610	3470	4674
			-1203	-1031	-833	-601	-328	0	401	902	1547	2407	3611
110	996.60	121b	99	288	507	761	1062	1423	1865	2416	3126	4072	5396
			-963	-773	-555	-300	0	361	802	1354	2063	3009	4333
120	1087.20	121b	340	546	784	1062	1390	1784	2266	2868	3642	4674	6118
			-722	-515	-277	0	328	722	1203	1805	2579	3611	5055
130	1177.80	121b	581	804	1062	1363	1719	2146	2667	3319	4158	5275	6840
			-481	-257	0	300	656	1083	1605	2257	3095	4213	5778
140	1268.40	121b	821	1062	1340	1664	2047	2507	3068	3771	4674	5877	7563
			-240	0	277	601	984	1444	2006	2708	3611	4815	6500
150	1359.00	121b	1062	1320	1618	1965	2375	2868	3470	4222	5189	6479	8285
			0	257	555	902	1313	1805	2407	3159	4127	5417	7222

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 last year's input prices.

Table 44.A Summary of estimated costs per acre  
 Peach, Irrigated  
 Year 5, (14,500lb yield), 20ft spac.,10gpm, 2,178 row ft,  
 Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	56.61	1.0000	56.61	_____
FUNGICIDE	acre	287.08	1.0000	287.08	_____
HERBICIDE	acre	29.44	1.0000	29.44	_____
INSECTICIDE	acre	98.99	1.0000	98.99	_____
OTHER	acre	9.10	1.0000	9.10	_____
FRUIT / NUT	acre	30.00	1.0000	30.00	_____
IRRIGATION SUPPLIES	acre	111.72	1.0000	111.72	_____
Hand Labor	hour	8.28	108.0000	894.24	_____
Harvest Labor	hour	8.28	68.0000	563.04	_____
Irrigation Labor	hour	8.28	10.5000	86.94	_____
Operator Labor	hour	10.21	30.6148	312.53	_____
Pruning labor	hour	8.28	29.0000	240.12	_____
UNALLOCATED LABOR	hour	10.20	6.1229	62.47	_____
DIESEL FUEL	gal	2.41	11.8768	28.66	_____
GASOLINE	gal	2.83	15.5999	44.12	_____
REPAIR & MAINTENANCE	acre	44.10	1.0000	44.10	_____
INTEREST ON OP. CAP.	acre	127.63	1.0000	127.63	_____
				-----	
TOTAL DIRECT EXPENSES				3026.79	_____
TOTAL FIXED EXPENSES				1103.38	_____
				-----	
TOTAL SPECIFIED EXPENSES				4130.17	_____

Note: Cost of production estimates are based on last year's input price.





Table 44.B continued.. Estimated resource use and costs for field operations, per acre  
 Peach, Irrigated  
 Year 5, (14,500lb yield), 20ft spac.,10gpm, 2,178 row ft, Alabama, MALTAG 2008

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-----			
Harvest Labor	hour									68.00	563.04				563.04
Fruit to Field Edge				23.00	Jul										
Trailer Fruit 4'x6'	trip	4 x 4	1.000			58.36	149.63	3.07	6.62	23.00	234.83				452.51
Irrigate & Check				4.00	Aug										
Irrigation Labor	hour									2.00	16.56				16.56
1/2 of water needed	100gal											76.0000	0.28	21.28	21.28
Rotary Cutter	7 ft	MFWD 50 hp	0.169	1.00	Aug	1.17	0.93	0.50	0.44	0.16	1.73				4.77
Weed and Clean				1.00	Aug										
Sprayer (BC & Wand)	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Hand Labor	hour									2.00	16.56				16.56
Gramoxone Inteon	pt											3.0000	3.68	11.04	11.04
Bore Spray				1.00	Aug										
Sprayer (BC & Wand)	12 ft	4 x 4	0.500			1.27	3.25	0.05	0.33	0.50	5.11				10.01
Hand Labor	hour									1.50	12.42				12.42
Lorsban 4E	pt											3.0000	4.40	13.20	13.20
Irrigate & Check				5.00	Sep										
Irrigation Labor	hour									2.50	20.70				20.70
1/2 of water needed	100gal											95.0000	0.28	26.60	26.60
Utility Vechicle	4 x 4		0.249	1.00	Sep	0.63	1.62			0.25	2.55				4.80
Hand Labor	hour									1.00	8.28				8.28
Amm Nitrate (34%)	cwt											0.7500	16.00	12.00	12.00
Utility Vechicle	4 x 4		0.249	1.00	Sep	0.63	1.62			0.25	2.55				4.80
Hand Labor	hour									1.00	8.28				8.28
Potash (60% K20)	cwt											0.4000	13.00	5.20	5.20
Rotary Cutter	7 ft	MFWD 50 hp	0.169	1.00	Oct	1.17	0.93	0.50	0.44	0.16	1.73				4.77
Dormant Spray				1.00	Nov										
Sprayer A-B Orchard	16' gal	300galMFWD 50 hp	0.286			1.99	1.57	0.61	1.37	0.28	2.92				8.46
Dormant Oil	gal											2.5000	6.00	15.00	15.00
Ferbam	lb											4.0000	11.32	45.28	45.28
Irrigation	acre				Jan							1.0000			194.33
TOTALS						97.98	194.42	18.90	714.63	246.11	2096.87			622.94	3940.07
INTEREST ON OPERATING CAPITAL															127.63
UNALLOCATED LABOR															62.47
TOTAL SPECIFIED COST															4130.17

Note: Cost of production estimates are based on last year's input prices.

Table 44.C Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Peach, Irrigated  
 Year 5, (14,500lb yield), 20ft spac.,10 gpm, 2,178 row ft, Alabama, MALTAG 2008

			-----BREAKEVEN PRICE-----										
Peach - basket			2.27	2.44	2.63	2.84	3.10	3.41	3.79	4.27	4.88	5.69	6.83
PERCENT	YIELD	UNIT	-----dollars-----										
50	604.00	121b	-1650	-1551	-1438	-1305	-1149	-961	-732	-445	-76	415	1103
			-2753	-2655	-2541	-2409	-2252	-2065	-1835	-1548	-1180	-688	0
60	724.80	121b	-1374	-1256	-1120	-961	-773	-548	-273	70	513	1103	1929
			-2478	-2360	-2223	-2065	-1877	-1652	-1376	-1032	-590	0	826
70	845.60	121b	-1099	-961	-802	-617	-398	-135	185	587	1103	1791	2755
			-2202	-2065	-1906	-1720	-1501	-1239	-917	-516	0	688	1652
80	966.40	121b	-824	-666	-485	-273	-23	277	644	1103	1693	2480	3581
			-1927	-1770	-1588	-1376	-1126	-826	-458	0	590	1376	2478
90	1087.20	121b	-548	-371	-167	70	352	690	1103	1619	2283	3168	4407
			-1652	-1475	-1270	-1032	-750	-413	0	516	1180	2065	3304
100	1208.00	121b	-273	-76	150	415	727	1103	1562	2135	2873	3856	5233
			-1376	-1180	-953	-688	-375	0	458	1032	1770	2753	4130
110	1328.80	121b	2	218	467	759	1103	1516	2021	2652	3463	4545	6059
			-1101	-885	-635	-344	0	413	917	1548	2360	3441	4956
120	1449.60	121b	277	513	785	1103	1478	1929	2480	3168	4053	5233	6885
			-826	-590	-317	0	375	826	1376	2065	2950	4130	5782
130	1570.40	121b	552	808	1103	1447	1854	2342	2939	3684	4643	5921	7711
			-550	-295	0	344	750	1239	1835	2581	3540	4818	6608
140	1691.20	121b	828	1103	1421	1791	2229	2755	3397	4201	5233	6610	8537
			-275	0	317	688	1126	1652	2294	3097	4130	5506	7434
150	1812.00	121b	1103	1398	1738	2135	2605	3168	3856	4717	5823	7298	9363
			0	295	635	1032	1501	2065	2753	3613	4720	6195	8260

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 last year's input prices

Table 45.A Summary of estimated costs per acre  
 Peach, Irrigated  
 Year 6, (18,125lb yield), 20ft spac.,10gpm, 2,178 row ft,  
 Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	56.61	1.0000	56.61	_____
FUNGICIDE	acre	287.08	1.0000	287.08	_____
HERBICIDE	acre	29.44	1.0000	29.44	_____
INSECTICIDE	acre	98.99	1.0000	98.99	_____
OTHER	acre	9.10	1.0000	9.10	_____
FRUIT / NUT	acre	30.00	1.0000	30.00	_____
IRRIGATION SUPPLIES	acre	141.12	1.0000	141.12	_____
Hand Labor	hour	8.28	108.0000	894.24	_____
Harvest Labor	hour	8.28	85.0000	703.80	_____
Irrigation Labor	hour	8.28	10.5000	86.94	_____
Operator Labor	hour	10.21	36.6148	373.79	_____
Prunning labor	hour	8.28	29.0000	240.12	_____
UNALLOCATED LABOR	hour	10.20	7.3229	74.72	_____
DIESEL FUEL	gal	2.41	11.8768	28.66	_____
GASOLINE	gal	2.83	19.1999	54.31	_____
REPAIR & MAINTENANCE	acre	49.94	1.0000	49.94	_____
INTEREST ON OP. CAP.	acre	137.06	1.0000	137.06	_____
				-----	
TOTAL DIRECT EXPENSES				3295.92	_____
TOTAL FIXED EXPENSES				1069.60	_____
				-----	
TOTAL SPECIFIED EXPENSES				4365.52	_____

Note: Cost of production estimates are based on last year's input price.







Table 45.B continued... Estimated resource use and costs for field operations, per acre  
 Peach, Irrigated  
 Year 6, (18,125lb yield), 20ft spac.,10gpm, 2,178 row ft, Alabama, MALTAG 2008

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-----			
Harvest Labor	hour									85.00	703.80				703.80
Fruit to Field Edge				29.00	Jul										
Traylor Fruit 4'x6'	trip	4 x 4	1.000			73.59	188.67	3.87	8.35	29.00	296.09				570.57
Irrigate & Check				4.00	Aug										
Irrigation Labor	hour									2.00	16.56				16.56
1/2 of water needed	100gal											96.0000	0.28	26.88	26.88
Rotary Cutter	7 ft	MFWD 50 hp	0.169	1.00	Aug	1.17	0.93	0.50	0.44	0.16	1.73				4.77
Weed and Clean				1.00	Aug										
Sprayer (BC & Wand)	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Hand Labor	hour									2.00	16.56				16.56
Gramoxone Inteon	pt											3.0000	3.68	11.04	11.04
Bore Spray				1.00	Aug										
Sprayer (BC & Wand)	12 ft	4 x 4	0.500			1.27	3.25	0.05	0.33	0.50	5.11				10.01
Hand Labor	hour									1.50	12.42				12.42
Lorsban 4E	pt											3.0000	4.40	13.20	13.20
Irrigate & Check				5.00	Sep										
Irrigation Labor	hour									2.50	20.70				20.70
1/2 of water needed	100gal											120.0000	0.28	33.60	33.60
Utility Vechicle	4 x 4		0.249	1.00	Sep	0.63	1.62			0.25	2.55				4.80
Hand Labor	hour									1.00	8.28				8.28
Amm Nitrate (34%)	cwt											0.7500	16.00	12.00	12.00
Utility Vechicle	4 x 4		0.249	1.00	Sep	0.63	1.62			0.25	2.55				4.80
Hand Labor	hour									1.00	8.28				8.28
Potash (60% K20)	cwt											0.4000	13.00	5.20	5.20
Rotary Cutter	7 ft	MFWD 50 hp	0.169	1.00	Oct	1.17	0.93	0.50	0.44	0.16	1.73				4.77
Dormant Spray				1.00	Nov										
Sprayer A-B Orchard	16' 300gal	MFWD 50 hp	0.286			1.99	1.57	0.61	1.37	0.28	2.92				8.46
Dormant Oil	gal											2.5000	6.00	15.00	15.00
Ferbam	lb											4.0000	11.32	45.28	45.28
Irrigation	acre				Jan							1.0000			119.78
TOTALS						113.21	233.46	19.70	716.36	269.11	2298.89			652.34	4153.74
INTEREST ON OPERATING CAPITAL															137.06
UNALLOCATED LABOR															74.72
TOTAL SPECIFIED COST															4365.52

Note: Cost of production estimates are based on last year's input prices.

Table 45.C Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Peach, Irrigated  
 Year 6, (18,125lb yield), 20ft spac.,10gpm, 2,178 row ft, Alabama, MALTAG 2008

			-----BREAKEVEN PRICE-----										
Peach - basket			1.92	2.06	2.22	2.40	2.62	2.89	3.21	3.61	4.13	4.81	5.78
PERCENT	YIELD	UNIT	-----dollars-----										
50	755.00	121b	-1840	-1736	-1616	-1476	-1311	-1113	-870	-567	-177	342	1069
			-2910	-2806	-2686	-2546	-2381	-2182	-1940	-1637	-1247	-727	0
60	906.00	121b	-1549	-1424	-1281	-1113	-914	-676	-385	-21	445	1069	1942
			-2619	-2494	-2350	-2182	-1984	-1746	-1455	-1091	-623	0	873
70	1057.00	121b	-1258	-1113	-945	-749	-517	-240	99	523	1069	1797	2815
			-2328	-2182	-2014	-1818	-1587	-1309	-970	-545	0	727	1746
80	1208.00	121b	-967	-801	-609	-385	-120	196	584	1069	1693	2524	3688
			-2037	-1870	-1679	-1455	-1190	-873	-485	0	623	1455	2619
90	1359.00	121b	-676	-489	-273	-21	275	633	1069	1615	2316	3252	4562
			-1746	-1559	-1343	-1091	-793	-436	0	545	1247	2182	3492
100	1510.00	121b	-385	-177	62	342	672	1069	1554	2160	2940	3979	5435
			-1455	-1247	-1007	-727	-396	0	485	1091	1870	2910	4365
110	1661.00	121b	-94	134	397	705	1069	1506	2039	2706	3564	4707	6308
			-1164	-935	-671	-363	0	436	970	1637	2494	3637	5238
120	1812.00	121b	196	445	733	1069	1466	1942	2524	3252	4187	5435	7181
			-873	-623	-335	0	396	873	1455	2182	3118	4365	6111
130	1963.00	121b	487	757	1069	1433	1863	2379	3009	3798	4811	6162	8054
			-582	-311	0	363	793	1309	1940	2728	3741	5093	6984
140	2114.00	121b	778	1069	1405	1797	2260	2815	3494	4343	5435	6890	8927
			-291	0	335	727	1190	1746	2425	3274	4365	5820	7857
150	2265.00	121b	1069	1381	1741	2160	2657	3252	3979	4889	6058	7617	9800
			0	311	671	1091	1587	2182	2910	3819	4989	6548	8731

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 last year's input prices.**