

Table 30.A Summary of estimated costs per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Orchard establishment, Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	12.84	1.0000	12.84	_____
HERBICIDE	acre	12.86	1.0000	12.86	_____
INSECTICIDE	acre	7.92	1.0000	7.92	_____
SEED/PLANTS	acre	432.00	1.0000	432.00	_____
Hand Labor	hour	8.28	2.5000	20.70	_____
Operator Labor	hour	10.21	6.1388	62.69	_____
Planting Labor	hour	8.28	7.0000	57.96	_____
Pruning labor	hour	8.28	3.0000	24.84	_____
UNALLOCATED LABOR	hour	10.19	1.2277	12.52	_____
DIESEL FUEL	gal	2.41	7.8593	18.92	_____
GASOLINE	gal	2.83	1.8509	5.22	_____
REPAIR & MAINTENANCE	acre	8.49	1.0000	8.49	_____
INTEREST ON OP. CAP.	acre	40.08	1.0000	40.08	_____
				-----	
TOTAL DIRECT EXPENSES				717.04	_____
TOTAL FIXED EXPENSES				163.86	_____
				-----	
TOTAL SPECIFIED EXPENSES				880.90	_____

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





Table 31.A Summary of estimated costs per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 2 thru 6, Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	28.32	1.0000	28.32	_____
FUNGICIDE	acre	26.86	1.0000	26.86	_____
HERBICIDE	acre	27.92	1.0000	27.92	_____
INSECTICIDE	acre	2.64	1.0000	2.64	_____
SEED/PLANTS	acre	16.00	1.0000	16.00	_____
Hand Labor	hour	8.28	4.5000	37.26	_____
Operator Labor	hour	10.21	4.5538	46.51	_____
Planting Labor	hour	8.28	0.5000	4.14	_____
Prunning labor	hour	8.28	1.5000	12.42	_____
UNALLOCATED LABOR	hour	10.20	0.9107	9.29	_____
DIESEL FUEL	gal	2.41	2.7121	6.52	_____
GASOLINE	gal	2.83	2.0999	5.92	_____
REPAIR & MAINTENANCE	acre	5.57	1.0000	5.57	_____
INTEREST ON OP. CAP.	acre	9.77	1.0000	9.77	_____
				-----	
TOTAL DIRECT EXPENSES				239.14	_____
TOTAL FIXED EXPENSES				149.98	_____
				-----	
TOTAL SPECIFIED EXPENSES				389.12	_____

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

Table 31.B Estimated resource use and costs for field operations, per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 2 thru 6, 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-----			
Trailer utility	10 ft	2WD 50 hp	0.600	1.00	Jan	4.25	3.94	0.08	0.37	0.60	6.13				14.77
Planting Labor	hour									0.50	4.14				4.14
Pecan Seedlings	each											1.0000	16.00	16.00	16.00
Prunning & Training				1.00	Feb										
Utility Vechicle	4 x 4		0.249			0.63	1.62			0.25	2.55				4.80
Prunning labor	hour									1.50	12.42				12.42
Utility Vechicle	4 x 4		0.249	1.00	Mar	0.63	1.62			0.25	2.55				4.80
Hand Labor	hour									0.50	4.14				4.14
Fert 13-13-13	cwt											0.5600	12.00	6.72	6.72
Sprayer (Broadcast)	12 ft	4 x 4	0.500	1.00	Apr	1.27	3.25	0.05	0.33	0.50	5.11				10.01
Hand Labor	hour									0.50	4.14				4.14
Lorsban 4E	pt											0.3000	4.40	1.32	1.32
Zinc Sulfate 31%	lb											4.0000	0.68	2.72	2.72
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.67	Apr	0.80	0.75	0.34	0.30	0.11	1.16				3.35
Sprayer (Broadcast)	12 ft	4 x 4	0.500	1.00	Apr	1.27	3.25	0.05	0.33	0.50	5.11				10.01
Hand Labor	hour									0.50	4.14				4.14
Enable 2F	oz											4.0000	1.51	6.04	6.04
Herb. under Trees				0.50	Apr										
Sprayer (Broadcast)	12 ft	4 x 4	0.500			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Glyphomax	pt											4.0000	3.49	13.96	13.96
Sprayer (Broadcast)	12 ft	4 x 4	0.500	1.00	May	1.27	3.25	0.05	0.33	0.50	5.11				10.01
Hand Labor	hour									1.00	8.28				8.28
Lorsban 4E	pt											0.3000	4.40	1.32	1.32
Elast 400F	gal											0.2000	45.00	9.00	9.00
Zinc Sulfate 31%	lb											4.0000	0.68	2.72	2.72
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.67	May	0.80	0.75	0.34	0.30	0.11	1.16				3.35
Sprayer (Broadcast)	12 ft	4 x 4	0.500	1.00	May	1.27	3.25	0.05	0.33	0.50	5.11				10.01
Hand Labor	hour									0.50	4.14				4.14
Abound	oz											6.0000	1.97	11.82	11.82
Utility Vechicle	4 x 4		0.249	1.00	May	0.63	1.62			0.25	2.55				4.80
Hand Labor	hour									0.50	4.14				4.14
Amm Nitrate (34%)	cwt											0.8400	16.00	13.44	13.44
Utility Vechicle	4 x 4		0.249	1.00	Jun	0.63	1.62			0.25	2.55				4.80
Hand Labor	hour									1.00	8.28				8.28
Zinc Sulfate 31%	lb											4.0000	0.68	2.72	2.72
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.67	Jul	0.80	0.75	0.34	0.30	0.11	1.16				3.35
Herb. under Trees				0.50	Jul										
Sprayer (Broadcast)	12 ft	4 x 4	0.500			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Glyphomax	pt											4.0000	3.49	13.96	13.96
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.67	Sep	0.80	0.75	0.34	0.30	0.11	1.16				3.35

Table 31.B continued.. Estimated resource use and costs for field operations, per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 2 thru 6, 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-----			
Prorated Establish.	acre				Jan								1.0000		9.43
Irrigation	acre				Jan								1.0000		107.66
TOTALS						16.31	29.68	1.70	3.21	11.05	100.33			101.74	370.06
INTEREST ON OPERATING CAPITAL															9.77
UNALLOCATED LABOR															9.29
TOTAL SPECIFIED COST															389.12

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

Table 32.A Summary of estimated costs per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 7 thru 10, (405lb yield in Yr. 8), Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	37.12	1.0000	37.12	_____
FUNGICIDE	acre	85.26	1.0000	85.26	_____
HERBICIDE	acre	27.92	1.0000	27.92	_____
INSECTICIDE	acre	54.96	1.0000	54.96	_____
FRUIT / NUT	acre	4.80	1.0000	4.80	_____
Hand Labor	hour	8.28	1.3267	10.99	_____
Harvest Labor	hour	8.28	0.5000	4.14	_____
Operator Labor	hour	10.21	8.8734	90.56	_____
UNALLOCATED LABOR	hour	10.17	1.7746	18.06	_____
DIESEL FUEL	gal	2.41	20.2631	48.88	_____
GASOLINE	gal	2.83	3.0999	8.76	_____
REPAIR & MAINTENANCE	acre	55.82	1.0000	55.82	_____
INTEREST ON OP. CAP.	acre	15.86	1.0000	15.86	_____
				-----	
TOTAL DIRECT EXPENSES				463.13	_____
TOTAL FIXED EXPENSES				308.16	_____
				-----	
TOTAL SPECIFIED EXPENSES				771.29	_____

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

Table 32.B Estimated resource use and costs for field operations, per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 7 thru 10, (405lb yield in Yr. 8), 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-----			
Utility Vehicle	4 x 4		0.249	1.00	Mar	0.63	1.62			0.25	2.55				4.80
Hand Labor	hour									0.50	4.14				4.14
Fert 13-13-13	cwt											0.7400	12.00	8.88	8.88
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.60	Apr	0.72	0.67	0.30	0.27	0.10	1.04				3.00
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Apr	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Lorsban 4E	pt											1.5000	4.40	6.60	6.60
Zinc Sulfate 31%	lb											6.0000	0.68	4.08	4.08
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Apr	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Enable 2F	oz											8.0000	1.51	12.08	12.08
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	May	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Elast 400F	gal											0.4000	45.00	18.00	18.00
Zinc Sulfate 31%	lb											6.0000	0.68	4.08	4.08
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.60	May	0.72	0.67	0.30	0.27	0.10	1.04				3.00
Herb. under Trees				0.50	May										
Sprayer (Broadcast)	12 ft	4 x 4	0.500			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Glyphomax	pt											4.0000	3.49	13.96	13.96
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	May	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Abound	oz											8.0000	1.97	15.76	15.76
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	May	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Confirm 2F	oz											9.0000	1.48	13.32	13.32
Utility Vehicle	4 x 4		0.249	1.00	May	0.63	1.62			0.25	2.55				4.80
Hand Labor	hour									0.50	4.14				4.14
Amm Nitrate (34%)	cwt											1.0000	16.00	16.00	16.00
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jun	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Super-Tin 80WP	oz											6.0000	2.01	12.06	12.06
Zinc Sulfate 31%	lb											6.0000	0.68	4.08	4.08
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jun	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Imidan 70 WSB	lb											1.2000	8.66	10.39	10.39
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jun	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Propimax EC	oz											5.0000	2.32	11.60	11.60
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.60	Jul	0.72	0.67	0.30	0.27	0.10	1.04				3.00
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jul	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Abound	oz											8.0000	1.97	15.76	15.76
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jul	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Kelthane MF	pt											1.3000	4.98	6.47	6.47
Herb. under Trees				0.50	Jul										
Sprayer (Broadcast)	12 ft	4 x 4	0.500			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Glyphomax	pt											4.0000	3.49	13.96	13.96
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Aug	2.03	1.88	0.61	1.37	0.28	2.92				8.81



Table 32.B continued.. Estimated resource use and costs for field operations, per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 7 thru 10, (405lb yield in Yr. 8), 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-----			
Warrior ZT	oz											2.2500	2.16	4.86	4.86
Confirm 2F	oz											9.0000	1.48	13.32	13.32
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.60	Sep	0.72	0.67	0.30	0.27	0.10	1.04				3.00
Blade-Scraper	6-7'	2WD 50 hp	2.500	0.33	Oct	5.84	5.42	0.45	0.48	0.82	8.42				20.61
Hand Labor	hour									0.32	2.71				2.71
Shaker Pecan PTO	up to 38"	2WD 50 hp	0.500	1.00	Oct	3.54	3.28	3.02	10.60	0.50	5.11				25.55
Harvester Pecan	61"	2WD 50 hp	0.500	1.00	Oct	3.54	3.28	4.91	11.48	0.50	5.11				28.32
Wagon (dump) Pecan	12 ft	2WD 50 hp	0.333	1.00	Oct	2.36	2.19	3.73	7.78	0.33	3.40				19.46
Burlap bag	each											8.0000	0.60	4.80	4.80
Blade-Scraper	6-7'	2WD 50 hp	2.500	0.33	Nov	5.84	5.42	0.45	0.48	0.82	8.42				20.61
Shaker Pecan PTO	up to 38"	2WD 50 hp	0.500	1.00	Nov	3.54	3.28	3.02	10.60	0.50	5.11				25.55
Harvester Pecan	61"	2WD 50 hp	0.500	1.00	Nov	3.54	3.28	4.91	11.48	0.50	5.11				28.32
Wagon (dump) Pecan	12 ft	2WD 50 hp	0.333	1.00	Nov	2.36	2.19	3.73	7.78	0.33	3.40				19.46
Cleaner Pecan Low	each			1.00	Oct				27.86			0.0250			27.86
Application 1	acre			1.00	Oct			11.49		0.25	2.07	1.0000			13.56
Cleaner Pecan Low	each			1.00	Nov				27.86			0.0250			27.86
Application 1	acre			1.00	Nov			11.49		0.25	2.07	1.0000			13.56
Prorated Establish.	acre				Jan							1.0000			9.43
Irrigation	acre				Jan							1.0000			107.66
TOTALS						58.29	58.20	55.17	132.87	10.70	105.69			210.06	737.37
INTEREST ON OPERATING CAPITAL															15.86
UNALLOCATED LABOR															18.06
TOTAL SPECIFIED COST															771.29

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

**Table 32.C Breakeven price above total expenses and net returns for price/yield combinations, per acre**  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 7 thru 10, (405lb yield in Yr. 8), Alabama, MALTAG 2008

			-----BREAKEVEN PRICE-----										
Pecans			1.26	1.36	1.46	1.58	1.73	1.90	2.11	2.38	2.72	3.17	3.80
PERCENT	YIELD	UNIT	-----dollars-----										
50	202.50	lbs	-206	-187	-166	-141	-112	-77	-34	18	87	179	308
			-514	-495	-474	-449	-420	-385	-342	-289	-220	-128	0
60	243.00	lbs	-154	-132	-107	-77	-42	-0	51	115	197	308	462
			-462	-440	-415	-385	-350	-308	-257	-192	-110	0	154
70	283.50	lbs	-103	-77	-47	-13	27	76	136	211	308	436	616
			-411	-385	-355	-321	-280	-231	-171	-96	0	128	308
80	324.00	lbs	-51	-22	11	51	97	153	222	308	418	565	770
			-359	-330	-296	-257	-210	-154	-85	0	110	257	462
90	364.50	lbs	-0	32	70	115	167	231	308	404	528	693	925
			-308	-275	-237	-192	-140	-77	0	96	220	385	617
100	405.00	lbs	51	87	130	179	238	308	393	500	638	822	1079
			-257	-220	-177	-128	-70	0	85	192	330	514	771
110	445.50	lbs	102	142	189	243	308	385	479	597	748	950	1233
			-205	-165	-118	-64	0	77	171	289	440	642	925
120	486.00	lbs	153	197	248	308	378	462	565	693	859	1079	1387
			-154	-110	-59	0	70	154	257	385	550	771	1079
130	526.50	lbs	205	253	308	372	448	539	650	790	969	1207	1542
			-102	-55	0	64	140	231	342	482	661	899	1234
140	567.00	lbs	256	308	367	436	518	616	736	886	1079	1336	1696
			-51	0	59	128	210	308	428	578	771	1028	1388
150	607.50	lbs	308	363	426	500	588	693	822	983	1189	1465	1850
			0	55	118	192	280	385	514	674	881	1156	1542

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 33.A Summary of estimated costs per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 11 through 15, (1,106lb yield for Yr. 13),  
 Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	44.32	1.0000	44.32	_____
FUNGICIDE	acre	105.74	1.0000	105.74	_____
HERBICIDE	acre	27.92	1.0000	27.92	_____
INSECTICIDE	acre	103.30	1.0000	103.30	_____
FRUIT / NUT	acre	12.00	1.0000	12.00	_____
Hand Labor	hour	8.28	0.4356	3.61	_____
Harvest Labor	hour	8.28	1.0000	8.28	_____
Operator Labor	hour	10.21	8.1876	83.54	_____
UNALLOCATED LABOR	hour	10.16	1.6375	16.64	_____
DIESEL FUEL	gal	2.41	19.7849	47.74	_____
GASOLINE	gal	2.83	5.3000	15.00	_____
REPAIR & MAINTENANCE	acre	54.50	1.0000	54.50	_____
INTEREST ON OP. CAP.	acre	18.51	1.0000	18.51	_____
				-----	
TOTAL DIRECT EXPENSES				541.10	_____
TOTAL FIXED EXPENSES				302.59	_____
				-----	
TOTAL SPECIFIED EXPENSES				843.69	_____

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

Table 33.B Estimated resource use and costs for field operations, per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 11 through 15, (1,106lb yield for Yr. 13), 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-----			
Cyclone Spin	825 Lb	2WD 50 hp	0.084	1.00	Mar	0.59	0.55	0.05	0.23	0.08	0.86				2.28
Fert 13-13-13	cwt											1.0000	12.00	12.00	12.00
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.50	Apr	0.60	0.56	0.25	0.22	0.08	0.86				2.49
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Apr	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Lorsban 4E	pt											4.0000	4.40	17.60	17.60
Zinc Sulfate 31%	lb											8.0000	0.68	5.44	5.44
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Apr	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Enable 2F	oz											8.0000	1.51	12.08	12.08
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	May	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Elast 400F	gal											0.4000	45.00	18.00	18.00
Zinc Sulfate 31%	lb											8.0000	0.68	5.44	5.44
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.50	May	0.60	0.56	0.25	0.22	0.08	0.86				2.49
Herb. under Trees				0.50	May										
Sprayer (Broadcast)	12 ft	4 x 4	0.500			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Glyphomax	pt											4.0000	3.49	13.96	13.96
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	May	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Abound	oz											11.0000	1.97	21.67	21.67
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	May	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Confirm 2F	oz											16.0000	1.48	23.68	23.68
Cyclone Spin	825 Lb	2WD 50 hp	0.084	1.00	May	0.59	0.55	0.05	0.23	0.08	0.86				2.28
Amm Nitrate (34%)	cwt											1.0000	16.00	16.00	16.00
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jun	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Super-Tin 80WP	oz											8.0000	2.01	16.08	16.08
Zinc Sulfate 31%	lb											8.0000	0.68	5.44	5.44
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jun	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Imidan 70 WSB	lb											2.0000	8.66	17.32	17.32
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jun	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Propimax EC	oz											7.0000	2.32	16.24	16.24
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.50	Jul	0.60	0.56	0.25	0.22	0.08	0.86				2.49
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jul	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Abound	oz											11.0000	1.97	21.67	21.67
Kelthane MF	pt											2.0000	4.98	9.96	9.96
Herb. under Trees				0.50	Jul										
Sprayer (Broadcast)	12 ft	4 x 4	0.500			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Glyphomax	pt											4.0000	3.49	13.96	13.96
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Aug	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Warrior ZT	oz											5.1200	2.16	11.06	11.06
Confirm 2F	oz											16.0000	1.48	23.68	23.68
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.50	Sep	0.60	0.56	0.25	0.22	0.08	0.86				2.49

Table 33.B continued.. Estimated resource use and costs for field operations, per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 11 through 15, (1,106lb yield for Yr. 13), 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-----			
Blade-Scraper	6-7'	2WD 50 hp	2.500	0.33	Oct	5.84	5.42	0.45	0.48	0.82	8.42				20.61
Hand Labor	hour									0.32	2.71				2.71
Shaker Pecan PTO	up to 38"	2WD 50 hp	0.500	1.00	Oct	3.54	3.28	3.02	10.60	0.50	5.11				25.55
Harvester Pecan	61"	2WD 50 hp	0.500	1.00	Oct	3.54	3.28	4.91	11.48	0.50	5.11				28.32
Wagon (dump) Pecan	12 ft	2WD 50 hp	0.333	1.00	Oct	2.36	2.19	3.73	7.78	0.33	3.40				19.46
Burlap bag	each											20.0000	0.60	12.00	12.00
Blade-Scraper	6-7'	2WD 50 hp	2.500	0.33	Nov	5.84	5.42	0.45	0.48	0.82	8.42				20.61
Hand Labor	hour									0.10	0.90				0.90
Shaker Pecan PTO	up to 38"	2WD 50 hp	0.500	1.00	Nov	3.54	3.28	3.02	10.60	0.50	5.11				25.55
Harvester Pecan	61"	2WD 50 hp	0.500	1.00	Nov	3.54	3.28	4.91	11.48	0.50	5.11				28.32
Wagon (dump) Pecan	12 ft	2WD 50 hp	0.333	1.00	Nov	2.36	2.19	3.73	7.78	0.33	3.40				19.46
Cleaner Pecan	each			1.00	Oct				27.86			0.0250			27.86
Application 1	acre			1.00	Oct			15.03		0.50	4.14	1.0000			19.17
Cleaner Pecan	each			1.00	Nov				27.86			0.0250			27.86
Application 1	acre			1.00	Nov			15.03		0.50	4.14	1.0000			19.17
Prorated Establish.	acre				Jan							1.0000			9.43
Irrigation	acre				Jan							1.0000			107.66
TOTALS						55.70	53.74	61.54	131.76	9.62	95.43			293.28	808.54
INTEREST ON OPERATING CAPITAL															18.51
UNALLOCATED LABOR															16.64
TOTAL SPECIFIED COST															843.69

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

Table 33.C Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 11 through 15, (1,106lb yield for Yr. 13), Alabama, MALTAG 2008

			-----BREAKEVEN PRICE-----										
Pecans			0.50	0.54	0.58	0.63	0.69	0.76	0.84	0.95	1.08	1.27	1.52
PERCENT	YIELD	UNIT	-----dollars-----										
50	553.00	lbs	-259	-239	-216	-189	-157	-119	-72	-13	61	161	302
			-562	-542	-519	-492	-460	-421	-374	-316	-241	-140	0
60	663.60	lbs	-203	-179	-151	-119	-80	-34	21	91	182	302	471
			-506	-482	-454	-421	-383	-337	-281	-210	-120	0	168
70	774.20	lbs	-147	-119	-86	-48	-4	49	115	197	302	443	640
			-449	-421	-389	-351	-306	-253	-187	-105	0	140	337
80	884.80	lbs	-91	-58	-21	21	72	133	208	302	423	583	808
			-393	-361	-324	-281	-230	-168	-93	0	120	281	506
90	995.40	lbs	-34	1	42	91	149	218	302	408	543	724	977
			-337	-301	-259	-210	-153	-84	0	105	241	421	674
100	1106.00	lbs	21	61	107	161	225	302	396	513	664	865	1146
			-281	-241	-194	-140	-76	0	93	210	361	562	843
110	1216.60	lbs	77	121	172	232	302	386	490	618	784	1005	1315
			-224	-180	-129	-70	0	84	187	316	482	703	1012
120	1327.20	lbs	133	182	237	302	379	471	583	724	905	1146	1483
			-168	-120	-64	0	76	168	281	421	602	843	1181
130	1437.80	lbs	190	242	302	372	455	555	677	829	1025	1286	1652
			-112	-60	0	70	153	253	374	527	723	984	1349
140	1548.40	lbs	246	302	367	443	532	640	771	935	1146	1427	1821
			-56	0	64	140	230	337	468	632	843	1124	1518
150	1659.00	lbs	302	362	432	513	609	724	865	1040	1266	1568	1989
			0	60	129	210	306	421	562	738	964	1265	1687

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 34.A Summary of estimated costs per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 16 through 20,(960lb yield for year 18),  
 Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	44.32	1.0000	44.32	_____
FUNGICIDE	acre	105.74	1.0000	105.74	_____
HERBICIDE	acre	27.92	1.0000	27.92	_____
INSECTICIDE	acre	103.30	1.0000	103.30	_____
FRUIT / NUT	acre	12.00	1.0000	12.00	_____
Hand Labor	hour	8.28	0.6534	5.42	_____
Harvest Labor	hour	8.28	1.0000	8.28	_____
Operator Labor	hour	10.21	8.1876	83.54	_____
UNALLOCATED LABOR	hour	10.16	1.6375	16.64	_____
DIESEL FUEL	gal	2.41	19.7849	47.74	_____
GASOLINE	gal	2.83	5.3000	15.00	_____
REPAIR & MAINTENANCE	acre	54.50	1.0000	54.50	_____
INTEREST ON OP. CAP.	acre	18.52	1.0000	18.52	_____
				-----	
TOTAL DIRECT EXPENSES				542.92	_____
TOTAL FIXED EXPENSES				302.59	_____
				-----	
TOTAL SPECIFIED EXPENSES				845.51	_____

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

Table 34.B Estimated resource use and costs for field operations, per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 16 through 20, (960lb yield for year 18), 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-----			
Cyclone Spin	825 Lb	2WD 50 hp	0.084	1.00	Mar	0.59	0.55	0.05	0.23	0.08	0.86				2.28
Fert 13-13-13	cwt											1.0000	12.00	12.00	12.00
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.50	Apr	0.60	0.56	0.25	0.22	0.08	0.86				2.49
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Apr	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Lorsban 4E	pt											4.0000	4.40	17.60	17.60
Zinc Sulfate 31%	lb											8.0000	0.68	5.44	5.44
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Apr	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Enable 2F	oz											8.0000	1.51	12.08	12.08
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	May	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Elast 400F	gal											0.4000	45.00	18.00	18.00
Zinc Sulfate 31%	lb											8.0000	0.68	5.44	5.44
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.50	May	0.60	0.56	0.25	0.22	0.08	0.86				2.49
Herb. under Trees				0.50	May										
Sprayer (Broadcast)	12 ft	4 x 4	0.500			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Glyphomax	pt											4.0000	3.49	13.96	13.96
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	May	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Abound	oz											11.0000	1.97	21.67	21.67
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	May	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Confirm 2F	oz											16.0000	1.48	23.68	23.68
Cyclone Spin	825 Lb	2WD 50 hp	0.084	1.00	May	0.59	0.55	0.05	0.23	0.08	0.86				2.28
Amm Nitrate (34%)	cwt											1.0000	16.00	16.00	16.00
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jun	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Super-Tin 80WP	oz											8.0000	2.01	16.08	16.08
Zinc Sulfate 31%	lb											8.0000	0.68	5.44	5.44
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jun	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Imidan 70 WSB	lb											2.0000	8.66	17.32	17.32
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jun	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Propimax EC	oz											7.0000	2.32	16.24	16.24
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.50	Jul	0.60	0.56	0.25	0.22	0.08	0.86				2.49
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jul	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Abound	oz											11.0000	1.97	21.67	21.67
Kelthane MF	pt											2.0000	4.98	9.96	9.96
Herb. under Trees				0.50	Jul										
Sprayer (Broadcast)	12 ft	4 x 4	0.500			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Glyphomax	pt											4.0000	3.49	13.96	13.96
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Aug	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Warrior ZT	oz											5.1200	2.16	11.06	11.06
Confirm 2F	oz											16.0000	1.48	23.68	23.68
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.50	Sep	0.60	0.56	0.25	0.22	0.08	0.86				2.49
Blade-Scraper	6-7'	2WD 50 hp	2.500	0.33	Oct	5.84	5.42	0.45	0.48	0.82	8.42				20.61



Table 34.B continued.. Estimated resource use and costs for field operations, per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 16 through 20, (960lb yield for year 18), 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-----			
Hand Labor	hour									0.32	2.71				2.71
Shaker Pecan PTO	up to 38"	2WD 50 hp	0.500	1.00	Oct	3.54	3.28	3.02	10.60	0.50	5.11				25.55
Harvester Pecan	61"	2WD 50 hp	0.500	1.00	Oct	3.54	3.28	4.91	11.48	0.50	5.11				28.32
Wagon (dump) Pecan	12 ft	2WD 50 hp	0.333	1.00	Oct	2.36	2.19	3.73	7.78	0.33	3.40				19.46
Burlap bag	each											20.0000	0.60	12.00	12.00
Blade-Scraper	6-7'	2WD 50 hp	2.500	0.33	Nov	5.84	5.42	0.45	0.48	0.82	8.42				20.61
Hand Labor	hour									0.32	2.71				2.71
Shaker Pecan PTO	up to 38"	2WD 50 hp	0.500	1.00	Nov	3.54	3.28	3.02	10.60	0.50	5.11				25.55
Harvester Pecan	61"	2WD 50 hp	0.500	1.00	Nov	3.54	3.28	4.91	11.48	0.50	5.11				28.32
Wagon (dump) Pecan	12 ft	2WD 50 hp	0.333	1.00	Nov	2.36	2.19	3.73	7.78	0.33	3.40				19.46
Cleaner Pecan	each			1.00	Oct						27.86	0.0250			27.86
Application 1	acre			1.00	Oct			15.03		0.50	4.14	1.0000			19.17
Cleaner Pecan	each			1.00	Nov						27.86	0.0250			27.86
Application 1	acre			1.00	Nov			15.03		0.50	4.14	1.0000			19.17
Prorated Establish.	acre				Jan							1.0000			9.43
Irrigation	acre				Jan							1.0000			107.66
TOTALS						55.70	53.74	61.54	131.76	9.84	97.24			293.28	810.35
INTEREST ON OPERATING CAPITAL															18.52
UNALLOCATED LABOR															16.64
TOTAL SPECIFIED COST															845.51

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

Table 34.C Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 16 through 20, (960lb yield for year 18), Alabama, MALTAG 2008

			-----BREAKEVEN PRICE-----										
Pecans			0.58	0.62	0.67	0.73	0.80	0.88	0.97	1.10	1.25	1.46	1.76
PERCENT	YIELD	UNIT	-----dollars-----										
50	480.00	lbs	-261	-240	-217	-190	-158	-120	-73	-14	61	161	302
			-563	-543	-520	-493	-461	-422	-375	-317	-241	-140	0
60	576.00	lbs	-204	-180	-152	-120	-81	-35	20	91	181	302	471
			-507	-483	-455	-422	-384	-338	-281	-211	-120	0	169
70	672.00	lbs	-148	-120	-87	-49	-4	48	114	196	302	443	640
			-450	-422	-390	-352	-307	-253	-187	-105	0	140	338
80	768.00	lbs	-91	-59	-22	20	71	133	208	302	423	584	809
			-394	-362	-325	-281	-230	-169	-93	0	120	281	507
90	864.00	lbs	-35	0	42	91	148	218	302	408	544	725	978
			-338	-301	-260	-211	-153	-84	0	105	241	422	676
100	960.00	lbs	20	61	107	161	225	302	396	513	664	866	1148
			-281	-241	-195	-140	-76	0	93	211	362	563	845
110	1056.00	lbs	77	121	172	232	302	387	490	619	785	1007	1317
			-225	-181	-130	-70	0	84	187	317	483	704	1014
120	1152.00	lbs	133	181	237	302	379	471	584	725	906	1148	1486
			-169	-120	-65	0	76	169	281	422	603	845	1183
130	1248.00	lbs	189	242	302	373	456	556	678	831	1027	1289	1655
			-112	-60	0	70	153	253	375	528	724	986	1352
140	1344.00	lbs	246	302	367	443	533	640	772	936	1148	1429	1824
			-56	0	65	140	230	338	469	634	845	1127	1521
150	1440.00	lbs	302	362	432	513	610	725	866	1042	1268	1570	1993
			0	60	130	211	307	422	563	739	966	1268	1691

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 35.A Summary of estimated costs per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 21 through 30, (1,250lb yield for year 25),  
 Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	44.32	1.0000	44.32	_____
FUNGICIDE	acre	105.74	1.0000	105.74	_____
HERBICIDE	acre	27.92	1.0000	27.92	_____
INSECTICIDE	acre	94.50	1.0000	94.50	_____
FRUIT / NUT	acre	14.40	1.0000	14.40	_____
Hand Labor	hour	8.28	0.6534	5.42	_____
Harvest Labor	hour	8.28	1.0000	8.28	_____
Operator Labor	hour	10.21	8.1876	83.54	_____
UNALLOCATED LABOR	hour	10.16	1.6375	16.64	_____
DIESEL FUEL	gal	2.41	19.7849	47.74	_____
GASOLINE	gal	2.83	5.3000	15.00	_____
REPAIR & MAINTENANCE	acre	54.50	1.0000	54.50	_____
INTEREST ON OP. CAP.	acre	18.03	1.0000	18.03	_____
				-----	
TOTAL DIRECT EXPENSES				536.03	_____
TOTAL FIXED EXPENSES				302.59	_____
				-----	
TOTAL SPECIFIED EXPENSES				838.62	_____

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

Table 35.B Estimated resource use and costs for field operations, per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 21 through 30, (1,250lb yield for year 25), 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-----			
Cyclone Spin	825 Lb	2WD 50 hp	0.084	1.00	Mar	0.59	0.55	0.05	0.23	0.08	0.86				2.28
Fert 13-13-13	cwt											1.0000	12.00	12.00	12.00
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.50	Apr	0.60	0.56	0.25	0.22	0.08	0.86				2.49
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Apr	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Lorsban 4E	pt											2.0000	4.40	8.80	8.80
Zinc Sulfate 31%	lb											8.0000	0.68	5.44	5.44
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Apr	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Enable 2F	oz											8.0000	1.51	12.08	12.08
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	May	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Elast 400F	gal											0.4000	45.00	18.00	18.00
Zinc Sulfate 31%	lb											8.0000	0.68	5.44	5.44
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.50	May	0.60	0.56	0.25	0.22	0.08	0.86				2.49
Herb. under Trees				0.50	May										
Sprayer (Broadcast)	12 ft	4 x 4	0.500			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Glyphomax	pt											4.0000	3.49	13.96	13.96
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	May	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Abound	oz											11.0000	1.97	21.67	21.67
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	May	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Confirm 2F	oz											16.0000	1.48	23.68	23.68
Cyclone Spin	825 Lb	2WD 50 hp	0.084	1.00	May	0.59	0.55	0.05	0.23	0.08	0.86				2.28
Amm Nitrate (34%)	cwt											1.0000	16.00	16.00	16.00
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jun	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Super-Tin 80WP	oz											8.0000	2.01	16.08	16.08
Zinc Sulfate 31%	lb											8.0000	0.68	5.44	5.44
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jun	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Imidan 70 WSB	lb											2.0000	8.66	17.32	17.32
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jun	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Propimax EC	oz											7.0000	2.32	16.24	16.24
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.50	Jul	0.60	0.56	0.25	0.22	0.08	0.86				2.49
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Jul	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Abound	oz											11.0000	1.97	21.67	21.67
Kelthane MF	pt											2.0000	4.98	9.96	9.96
Herb. under Trees				0.50	Jul										
Sprayer (Broadcast)	12 ft	4 x 4	0.500			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Glyphomax	pt											4.0000	3.49	13.96	13.96
Sprayer A-B Orchard	16' 300gal	2WD 50 hp	0.286	1.00	Aug	2.03	1.88	0.61	1.37	0.28	2.92				8.81
Warrior ZT	oz											5.1200	2.16	11.06	11.06
Confirm 2F	oz											16.0000	1.48	23.68	23.68
Rotary Cutter	7 ft	2WD 50 hp	0.169	0.50	Sep	0.60	0.56	0.25	0.22	0.08	0.86				2.49
Blade-Scraper	6-7'	2WD 50 hp	2.500	0.33	Oct	5.84	5.42	0.45	0.48	0.82	8.42				20.61

Table 35.B continued.. Estimated resource use and costs for field operations, per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 21 through 30, (1,250lb yield for year 25), 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-----			
Hand Labor	hour									0.32	2.71				2.71
Shaker Pecan PTO	up to 38"	2WD 50 hp	0.500	1.00	Oct	3.54	3.28	3.02	10.60	0.50	5.11				25.55
Harvester Pecan	61"	2WD 50 hp	0.500	1.00	Oct	3.54	3.28	4.91	11.48	0.50	5.11				28.32
Wagon (dump) Pecan	12 ft	2WD 50 hp	0.333	1.00	Oct	2.36	2.19	3.73	7.78	0.33	3.40				19.46
Burlap bag	each											24.0000	0.60	14.40	14.40
Blade-Scraper	6-7'	2WD 50 hp	2.500	0.33	Nov	5.84	5.42	0.45	0.48	0.82	8.42				20.61
Hand Labor	hour									0.32	2.71				2.71
Shaker Pecan PTO	up to 38"	2WD 50 hp	0.500	1.00	Nov	3.54	3.28	3.02	10.60	0.50	5.11				25.55
Harvester Pecan	61"	2WD 50 hp	0.500	1.00	Nov	3.54	3.28	4.91	11.48	0.50	5.11				28.32
Wagon (dump) Pecan	12 ft	2WD 50 hp	0.333	1.00	Nov	2.36	2.19	3.73	7.78	0.33	3.40				19.46
Cleaner Pecan	each			1.00	Oct				27.86			0.0250			27.86
Application 1	acre			1.00	Oct			15.03		0.50	4.14	1.0000			19.17
Cleaner Pecan	each			1.00	Nov				27.86			0.0250			27.86
Application 1	acre			1.00	Nov			15.03		0.50	4.14	1.0000			19.17
Prorated Establish.	acre				Jan							1.0000			9.43
Irrigation	acre				Jan							1.0000			107.66
TOTALS						55.70	53.74	61.54	131.76	9.84	97.24			286.88	803.95
INTEREST ON OPERATING CAPITAL															18.03
UNALLOCATED LABOR															16.64
TOTAL SPECIFIED COST															838.62

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

Table 35.C Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Pecan, Irrigated, 40ft spacing, 10gpm, 1,089 row ft  
 Year 21 through 30, (1,250lb yield for year 25) , Alabama, MALTAG 2008

			-----BREAKEVEN PRICE-----										
Pecans			0.44	0.47	0.51	0.55	0.60	0.67	0.74	0.83	0.95	1.11	1.34
PERCENT	YIELD	UNIT	-----dollars-----										
50	625.00	lbs	-256	-236	-213	-186	-154	-116	-70	-11	62	162	302
			-559	-539	-516	-489	-457	-419	-372	-314	-239	-139	0
60	750.00	lbs	-200	-176	-148	-116	-78	-32	23	92	182	302	470
			-503	-479	-451	-419	-381	-335	-279	-209	-119	0	167
70	875.00	lbs	-144	-116	-84	-46	-2	51	116	197	302	442	638
			-447	-419	-387	-349	-304	-251	-186	-104	0	139	335
80	1000.00	lbs	-88	-56	-19	23	73	134	209	302	422	582	805
			-391	-359	-322	-279	-228	-167	-93	0	119	279	503
90	1125.00	lbs	-32	3	44	92	150	218	302	407	542	721	973
			-335	-299	-258	-209	-152	-83	0	104	239	419	670
100	1250.00	lbs	23	62	109	162	226	302	395	512	661	861	1141
			-279	-239	-193	-139	-76	0	93	209	359	559	838
110	1375.00	lbs	78	122	173	232	302	386	488	617	781	1001	1308
			-223	-179	-129	-69	0	83	186	314	479	698	1006
120	1500.00	lbs	134	182	238	302	378	470	582	721	901	1141	1476
			-167	-119	-64	0	76	167	279	419	599	838	1174
130	1625.00	lbs	190	242	302	372	455	554	675	826	1021	1280	1644
			-111	-59	0	69	152	251	372	524	718	978	1341
140	1750.00	lbs	246	302	367	442	531	638	768	931	1141	1420	1812
			-55	0	64	139	228	335	465	628	838	1118	1509
150	1875.00	lbs	302	362	431	512	607	721	861	1036	1261	1560	1979
			0	59	129	209	304	419	559	733	958	1257	1677

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.