

Table 16.A Summary of estimated costs per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 1, site prep & set out plants, Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM	acre	213.00	1.0000	213.00	_____
HERBICIDE	acre	55.70	1.0000	55.70	_____
SEED/PLANTS	acre	1529.30	1.0000	1529.30	_____
OTHER	acre	6630.00	1.0000	6630.00	_____
Hand Labor	hour	8.28	63.6000	526.61	_____
Operator Labor	hour	10.21	15.3690	156.94	_____
UNALLOCATED LABOR	hour	10.21	3.0738	31.39	_____
DIESEL FUEL	gal	2.41	37.8808	91.28	_____
GASOLINE	gal	2.83	0.7500	2.12	_____
REPAIR & MAINTENANCE	acre	23.64	1.0000	23.64	_____
INTEREST ON OP. CAP.	acre	305.57	1.0000	305.57	_____
				-----	
TOTAL DIRECT EXPENSES				9565.55	_____
TOTAL FIXED EXPENSES				115.00	_____
				-----	
TOTAL SPECIFIED EXPENSES				9680.55	_____

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



Table 16.B continued.. Estimated resource use and costs for field operations, per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 1, site prep & set out plants, Alabama, MALTAG 2008

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES RATE 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-----				
Trailer utility	10 ft	2WD 50 hp	0.600		4.06	2.58	0.08	0.37	0.60	6.13				13.22
Hand Labor	hour								16.00	132.48				132.48
Mulch - MS,AL,LA.	cu yd										271.0000	12.00	3252.00	3252.00
TOTALS					103.18	73.58	13.86	41.42	78.96	683.55			8428.00	9343.59
INTEREST ON OPERATING CAPITAL														305.57
UNALLOCATED LABOR														31.39
TOTAL SPECIFIED COST														9680.55

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

Table 17.A Summary of estimated costs per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 2, Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	7.20	1.0000	7.20	_____
HERBICIDE	acre	110.60	1.0000	110.60	_____
SEED/PLANTS	acre	30.00	1.0000	30.00	_____
Hand Labor	hour	8.28	4.0000	33.12	_____
Irrigation Labor	hour	8.28	11.0000	91.08	_____
Operator Labor	hour	10.21	5.4743	55.89	_____
UNALLOCATED LABOR	hour	10.20	1.0948	11.17	_____
DIESEL FUEL	gal	2.41	9.5850	23.10	_____
GASOLINE	gal	2.83	1.0500	2.94	_____
REPAIR & MAINTENANCE	acre	13.50	1.0000	13.50	_____
INTEREST ON OP. CAP.	acre	12.87	1.0000	12.87	_____
				-----	
TOTAL DIRECT EXPENSES				391.47	_____
TOTAL FIXED EXPENSES				1461.51	_____
				-----	
TOTAL SPECIFIED EXPENSES				1852.98	_____

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



Table 17.B continued.. Estimated resource use and costs for field operations, per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 2, 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-----			
Rotary Cutter	7 ft	2WD 50 hp	0.169			2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spot Spray				1.00	Sep										
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Irrigate & Check				3.00	Sep										
Irrigation Labor	hour									1.50	12.42				12.42
Mow between Rows				2.00	Sep										
Rotary Cutter	7 ft	2WD 50 hp	0.169			2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spray (Broadcast)				1.00	Oct										
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Dervinol 50DF	lb											4.0000	8.72	34.88	34.88
Princep 4L	gal											0.5000	17.76	8.88	8.88
Replant Blueberries				1.00	Nov										
Hand Labor	hour									2.00	16.56				16.56
Blueberry Plts M,A,L each												15.0000	2.00	30.00	30.00
Prorated Establish.	acre				Jan							1.0000			1165.74
Irrigation	acre				Jan							1.0000			244.56
TOTALS						29.63	27.45	9.91	23.76	20.47	180.09			147.80	1828.94
INTEREST ON OPERATING CAPITAL															12.87
UNALLOCATED LABOR															11.17
TOTAL SPECIFIED COST															1852.98

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

Table 18.A Summary of estimated costs per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 3, Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	7.20	1.0000	7.20	_____
HERBICIDE	acre	128.36	1.0000	128.36	_____
OTHER	acre	1080.00	1.0000	1080.00	_____
Hand Labor	hour	8.28	10.0000	82.80	_____
Irrigation Labor	hour	8.28	10.0000	82.80	_____
Operator Labor	hour	10.21	6.9243	70.70	_____
UNALLOCATED LABOR	hour	10.21	1.3848	14.14	_____
DIESEL FUEL	gal	2.41	13.4454	32.40	_____
GASOLINE	gal	2.83	1.2000	3.36	_____
REPAIR & MAINTENANCE	acre	15.63	1.0000	15.63	_____
INTEREST ON OP. CAP.	acre	79.31	1.0000	79.31	_____
				-----	
TOTAL DIRECT EXPENSES				1596.70	_____
TOTAL FIXED EXPENSES				1474.80	_____
				-----	
TOTAL SPECIFIED EXPENSES				3071.50	_____

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

**Table 18.B Estimated resource use and costs for field operations, per acre**  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 3, 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-----			
Spray (Broadcast)				1.00	Mar										
Sprayer - Utility Princep 4L	4 ft gal	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Side Dresser	1R 3ft	2WD 50 hp	0.846	1.00	Mar	5.74	3.64	1.82	8.65	0.84	8.64	1.0000	17.76	17.76	17.76
Fert 13-13-13	cwt											0.3000	12.00	3.60	3.60
Front end Loader	.5yd	2WD 75 hp	0.600	1.00	Mar	6.11	3.98	0.94	4.57	0.60	6.13				21.73
Mulching				1.00	Mar										
Trailer utility	10 ft	2WD 50 hp	0.600			4.06	2.58	0.08	0.37	0.60	6.13				13.22
Hand Labor	hour									8.00	66.24				66.24
Mulch - MS,AL,LA.	cu yd											90.0000	12.00	1080.00	1080.00
Irrigate & Check				2.00	Apr										
Irrigation Labor	hour									1.00	8.28				8.28
Mow between Rows				2.00	Apr										
Rotary Cutter	7 ft	2WD 50 hp	0.169			2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spot Spray				1.00	Apr										
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Spot Spray				1.00	May										
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Irrigate & Check				3.00	May										
Irrigation Labor	hour									1.50	12.42				12.42
Mow between Rows				2.00	May										
Rotary Cutter	7 ft	2WD 50 hp	0.169			2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spot Spray				1.00	Jun										
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Irrigate & Check				4.00	Jun										
Irrigation Labor	hour									2.00	16.56				16.56
Mow between Rows				2.00	Jun										
Rotary Cutter	7 ft	2WD 50 hp	0.169			2.29	1.46	1.01	0.89	0.33	3.46				9.11
Side Dresser	1R 3ft	2WD 50 hp	0.846	1.00	Jul	5.74	3.64	1.82	8.65	0.84	8.64				28.49
Fert 13-13-13	cwt											0.3000	12.00	3.60	3.60
Spot Spray				1.00	Jul										
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Pruning Blueberrys				1.00	Jul										
Hand Labor	hour									2.00	16.56				16.56
Irrigate & Check				4.00	Jul										
Irrigation Labor	hour									2.00	16.56				16.56

Table 18.B continued.. Estimated resource use and costs for field operations, per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 3, 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-----			
Mow between Rows				2.00	Jul										
Rotary Cutter	7 ft	2WD 50 hp	0.169			2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spot Spray				1.00	Aug										
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Irrigate & Check				4.00	Aug										
Irrigation Labor	hour									2.00	16.56				16.56
Mow between Rows				2.00	Aug										
Rotary Cutter	7 ft	2WD 50 hp	0.169			2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spot Spray				1.00	Sep										
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Irrigate & Check				3.00	Sep										
Irrigation Labor	hour									1.50	12.42				12.42
Mow between Rows				2.00	Sep										
Rotary Cutter	7 ft	2WD 50 hp	0.169			2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spray (Broadcast)				1.00	Oct										
Sprayer (BC & Wand)	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Dervinol 50DF	lb											4.0000	8.72	34.88	34.88
Princep 4L	gal											0.5000	17.76	8.88	8.88
Prorated Establish.	acre				Jan							1.0000			1165.74
Irrigation	acre				Jan							1.0000			244.56
TOTALS						40.43	35.64	10.96	28.86	26.92	236.30			1215.56	2978.05
INTEREST ON OPERATING CAPITAL															79.31
UNALLOCATED LABOR															14.14
TOTAL SPECIFIED COST															3071.50

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

Table 19.A Summary of estimated costs per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 4, (1,800lb yield), Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	7.20	1.0000	7.20	_____
HERBICIDE	acre	128.36	1.0000	128.36	_____
OTHER	acre	645.00	1.0000	645.00	_____
Hand Labor	hour	8.28	74.0000	612.72	_____
Irrigation Labor	hour	8.28	10.0000	82.80	_____
Operator Labor	hour	10.21	5.3857	54.98	_____
UNALLOCATED LABOR	hour	10.20	1.0771	10.99	_____
DIESEL FUEL	gal	2.41	8.7134	21.00	_____
GASOLINE	gal	2.83	1.2000	3.36	_____
REPAIR & MAINTENANCE	acre	12.54	1.0000	12.54	_____
INTEREST ON OP. CAP.	acre	64.91	1.0000	64.91	_____
				-----	
TOTAL DIRECT EXPENSES				1643.86	_____
TOTAL FIXED EXPENSES				1460.95	_____
				-----	
TOTAL SPECIFIED EXPENSES				3104.81	_____

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



Table 19.B continued.. Estimated resource use and costs for field operations, per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 4, (1,800lb yield), 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-----			
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.0
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Irrigate & Check				4.00	Aug										
Irrigation Labor	hour									2.00	16.56				16.56
Mow between Rows				2.00	Aug										
Rotary Cutter	7 ft	2WD 50 hp	0.169			2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spot Spray				1.00	Sep										
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Irrigate & Check				3.00	Sep										
Irrigation Labor	hour									1.50	12.42				12.42
Mow between Rows				2.00	Sep										
Rotary Cutter	7 ft	2WD 50 hp	0.169			2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spray (Broadcast)				1.00	Oct										
Sprayer (BC & Wand)	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Dervinol 50DF	lb											4.0000	8.72	34.88	34.88
Princep 4L	gal											0.5000	17.76	8.88	8.88
Prorated Establish.	acre				Jan							1.0000			1165.74
Irrigation	acre				Jan							1.0000			244.56
TOTALS						27.97	27.62	8.93	23.03	89.38	750.50			780.56	3028.91
INTEREST ON OPERATING CAPITAL															64.91
UNALLOCATED LABOR															10.99
TOTAL SPECIFIED COST															3104.81

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

Table 19.C Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 4, (1,800lb yield), Alabama, MALTAG 2008

			-----BREAKEVEN PRICE-----										
BB	Rabbiteye	MS-AL-LA	1.20	1.27	1.36	1.46	1.58	1.72	1.89	2.11	2.39	2.77	3.29
PERCENT	YIELD	UNIT	-----dollars-----										
50	900.00	lb	-421	-353	-276	-185	-78	49	206	402	654	990	1460
			-1882	-1814	-1737	-1646	-1539	-1411	-1254	-1058	-806	-470	0
60	1080.00	lb	-232	-152	-59	49	177	331	519	755	1057	1460	2025
			-1693	-1613	-1520	-1411	-1283	-1129	-941	-705	-403	0	564
70	1260.00	lb	-44	49	158	284	434	614	833	1108	1460	1931	2590
			-1505	-1411	-1302	-1176	-1026	-846	-627	-352	0	470	1129
80	1440.00	lb	143	251	375	519	691	896	1147	1460	1864	2401	3154
			-1317	-1209	-1085	-941	-769	-564	-313	0	403	941	1693
90	1620.00	lb	331	452	592	755	947	1178	1460	1813	2267	2872	3719
			-1129	-1008	-868	-705	-513	-282	0	352	806	1411	2258
100	1800.00	lb	519	654	809	990	1204	1460	1774	2166	2670	3342	4283
			-941	-806	-651	-470	-256	0	313	705	1209	1882	2823
110	1980.00	lb	708	856	1026	1225	1460	1743	2088	2519	3074	3813	4848
			-752	-604	-434	-235	0	282	627	1058	1613	2352	3387
120	2160.00	lb	896	1057	1243	1460	1717	2025	2401	2872	3477	4283	5413
			-564	-403	-217	0	256	564	941	1411	2016	2823	3952
130	2340.00	lb	1084	1259	1460	1696	1974	2307	2715	3225	3880	4754	5977
			-376	-201	0	235	513	846	1254	1764	2419	3293	4516
140	2520.00	lb	1272	1460	1678	1931	2230	2590	3029	3578	4283	5224	6542
			-188	0	217	470	769	1129	1568	2117	2823	3764	5081
150	2700.00	lb	1460	1662	1895	2166	2487	2872	3342	3931	4687	5695	7106
			0	201	434	705	1026	1411	1882	2470	3226	4234	5646

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 20.A Summary of estimated costs per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 5, (4,800lb yield), Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	7.20	1.0000	7.20	_____
HERBICIDE	acre	128.36	1.0000	128.36	_____
OTHER	acre	2175.00	1.0000	2175.00	_____
Hand Labor	hour	8.28	202.0000	1672.56	_____
Irrigation Labor	hour	8.28	10.0000	82.80	_____
Operator Labor	hour	10.21	6.5857	67.24	_____
UNALLOCATED LABOR	hour	10.21	1.3171	13.45	_____
DIESEL FUEL	gal	2.41	12.5738	30.30	_____
GASOLINE	gal	2.83	1.2000	3.36	_____
REPAIR & MAINTENANCE	acre	14.43	1.0000	14.43	_____
INTEREST ON OP. CAP.	acre	196.44	1.0000	196.44	_____
				-----	
TOTAL DIRECT EXPENSES				4391.14	_____
TOTAL FIXED EXPENSES				1472.45	_____
				-----	
TOTAL SPECIFIED EXPENSES				5863.59	_____

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

Table 20.B Estimated resource use and costs for field operations, per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 5, (4,800lb yield), 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-----			
Spray (Broadcast)				1.00	Mar										
Sprayer - Utility Princep 4L	4 ft gal	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
												1.0000	17.76	17.76	17.76
Side Dresser	1R 3ft	2WD 50 hp	0.846	1.00	Mar	5.74	3.64	1.82	8.65	0.84	8.64				28.49
Fert 13-13-13	cwt											0.3000	12.00	3.60	3.60
Front end Loader	.5yd	2WD 75 hp	0.600	1.00	Mar	6.11	3.98	0.94	4.57	0.60	6.13				21.73
Mulching				1.00	Mar										
Trailer utility	10 ft	2WD 50 hp	0.600			4.06	2.58	0.08	0.37	0.60	6.13				13.22
Hand Labor	hour									8.00	66.24				66.24
Mulch - MS,AL,LA.	cu yd											90.0000	12.00	1080.00	1080.00
Irrigate & Check				2.00	Apr										
Irrigation Labor	hour									1.00	8.28				8.28
Mow between Rows				2.00	Apr										
Rotary Cutter	7 ft	2WD 50 hp	0.169			2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spot Spray				1.00	Apr										
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Spot Spray				1.00	May										
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Irrigate & Check				3.00	May										
Irrigation Labor	hour									1.50	12.42				12.42
Harvest Blueberries				1.00	May										
Hand Labor	hour									192.00	1589.76				1589.76
Refrigeration-chill	month											1.0000	375.00	375.00	375.00
BBMktingFee MS,AL,La	lb											4800.0000	0.15	720.00	720.00
Spot Spray				1.00	Jun										
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Irrigate & Check				4.00	Jun										
Irrigation Labor	hour									2.00	16.56				16.56
Mow between Rows				2.00	Jun										
Rotary Cutter	7 ft	2WD 50 hp	0.169			2.29	1.46	1.01	0.89	0.33	3.46				9.11
Side Dresser	1R 3ft	2WD 50 hp	0.846	1.00	Jul	5.74	3.64	1.82	8.65	0.84	8.64				28.49
Fert 13-13-13	cwt											0.3000	12.00	3.60	3.60
Spot Spray				1.00	Jul										
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Pruning Blueberrys				1.00	Jul										
Hand Labor	hour									2.00	16.56				16.56

Table 20.B continued.. Estimated resource use and costs for field operations, per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 5, (4,800lb yield), 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-----			
Irrigate & Check Irrigation Labor	hour			4.00	Jul					2.00	16.56				16.56
Mow between Rows Rotary Cutter	7 ft	2WD 50 hp	0.169	2.00	Jul	2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spot Spray Sprayer - Utility	4 ft	4 x 4	0.250	1.00	Aug	0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Irrigate & Check Irrigation Labor	hour			4.00	Aug					2.00	16.56				16.56
Mow between Rows Rotary Cutter	7 ft	2WD 50 hp	0.169	2.00	Aug	2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spot Spray Sprayer - Utility	4 ft	4 x 4	0.250	1.00	Sep	0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Irrigate & Check Irrigation Labor	hour			3.00	Sep					1.50	12.42				12.42
Mow between Rows Rotary Cutter	7 ft	2WD 50 hp	0.169	2.00	Sep	2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spray (Broadcast) Sprayer (BC & Wand)	4 ft	4 x 4	0.250	1.00	Oct	0.63	1.63	0.03	0.16	0.25	2.55				5.00
Dervinol 50DF	lb											4.0000	8.72	34.88	34.88
Princep 4L	gal											0.5000	17.76	8.88	8.88
Prorated Establish. Irrigation	acre acre				Jan Jan							1.0000 1.0000			1165.74 244.56
TOTALS						38.14	34.18	9.95	27.97	218.58	1822.60			2310.56	5653.70
INTEREST ON OPERATING CAPITAL															196.44
UNALLOCATED LABOR															13.45
TOTAL SPECIFIED COST															5863.59

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

Table 20.C Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 5, (4,800lb yield), Alabama, MALTAG 2008

			-----BREAKEVEN PRICE-----										
BB RabbiteyeMS-AL-LA			0.86	0.91	0.97	1.04	1.12	1.22	1.33	1.48	1.67	1.93	2.28
PERCENT	YIELD	UNIT	-----dollars-----										
50	2400.00	lb	-1935	-1813	-1673	-1509	-1315	-1083	-799	-444	11	620	1472
			-3408	-3286	-3145	-2982	-2788	-2556	-2272	-1917	-1460	-852	0
60	2880.00	lb	-1594	-1448	-1280	-1083	-851	-572	-231	194	742	1472	2494
			-3067	-2921	-2752	-2556	-2323	-2044	-1704	-1278	-730	0	1022
70	3360.00	lb	-1253	-1083	-886	-657	-386	-61	336	833	1472	2324	3517
			-2726	-2556	-2359	-2130	-1858	-1533	-1136	-639	0	852	2044
80	3840.00	lb	-913	-718	-493	-231	78	450	904	1472	2202	3176	4539
			-2385	-2190	-1966	-1704	-1394	-1022	-568	0	730	1704	3067
90	4320.00	lb	-572	-353	-100	194	542	961	1472	2111	2933	4028	5562
			-2044	-1825	-1572	-1278	-929	-511	0	639	1460	2556	4089
100	4800.00	lb	-231	11	292	620	1007	1472	2040	2750	3663	4880	6584
			-1704	-1460	-1179	-852	-464	0	568	1278	2190	3408	5112
110	5280.00	lb	109	377	685	1046	1472	1983	2608	3389	4393	5732	7606
			-1363	-1095	-786	-426	0	511	1136	1917	2921	4260	6134
120	5760.00	lb	450	742	1079	1472	1937	2494	3176	4028	5123	6584	8629
			-1022	-730	-393	0	464	1022	1704	2556	3651	5112	7156
130	6240.00	lb	790	1107	1472	1898	2401	3006	3744	4667	5854	7436	9651
			-681	-365	0	426	929	1533	2272	3195	4381	5964	8179
140	6720.00	lb	1131	1472	1865	2324	2866	3517	4312	5306	6584	8288	10674
			-340	0	393	852	1394	2044	2840	3834	5112	6816	9201
150	7200.00	lb	1472	1837	2258	2750	3331	4028	4880	5945	7314	9140	11696
			0	365	786	1278	1858	2556	3408	4473	5842	7668	10224

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 21.A Summary of estimated costs per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 6, (6,600lb yield), Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	7.20	1.0000	7.20	_____
HERBICIDE	acre	128.36	1.0000	128.36	_____
OTHER	acre	1365.00	1.0000	1365.00	_____
Hand Labor	hour	8.28	266.0000	2202.48	_____
Irrigation Labor	hour	8.28	10.0000	82.80	_____
Operator Labor	hour	10.21	5.3857	54.98	_____
UNALLOCATED LABOR	hour	10.20	1.0771	10.99	_____
DIESEL FUEL	gal	2.41	8.7134	21.00	_____
GASOLINE	gal	2.83	1.2000	3.36	_____
REPAIR & MAINTENANCE	acre	12.54	1.0000	12.54	_____
INTEREST ON OP. CAP.	acre	165.96	1.0000	165.96	_____
				-----	
TOTAL DIRECT EXPENSES				4054.67	_____
TOTAL FIXED EXPENSES				1460.95	_____
				-----	
TOTAL SPECIFIED EXPENSES				5515.62	_____

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



Table 21.B continued.. Estimated resource use and costs for field operations, per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 6, (6,600 lb yield), 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-----				
Sprayer - Utility	4 ft	4 x 4	0.250				0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt												2.0000	5.57	11.14	11.14
Irrigate & Check				4.00	Aug											
Irrigation Labor	hour									2.00	16.56					16.56
Mow between Rows				2.00	Aug											
Rotary Cutter	7 ft	2WD 50 hp	0.169				2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spot Spray				1.00	Sep											
Sprayer - Utility	4 ft	4 x 4	0.250				0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt												2.0000	5.57	11.14	11.14
Irrigate & Check				3.00	Sep											
Irrigation Labor	hour									1.50	12.42					12.42
Mow between Rows				2.00	Sep											
Rotary Cutter	7 ft	2WD 50 hp	0.169				2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spray (Broadcast)				1.00	Oct											
Sprayer - Utility	4 ft	4 x 4	0.250				0.63	1.63	0.03	0.16	0.25	2.55				5.00
Dervinol 50DF	lb												4.0000	8.72	34.88	34.88
Princep 4L	gal												0.5000	17.76	8.88	8.88
Prorated Establish.	acre				Jan								1.0000			1165.74
Irrigation	acre				Jan								1.0000			244.56
TOTALS							27.97	27.62	8.93	23.03	281.38	2340.26			1500.56	5338.67
INTEREST ON OPERATING CAPITAL																165.96
UNALLOCATED LABOR																10.99
TOTAL SPECIFIED COST																5515.62

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

Table 21.C Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 6, (6,600 lb yield), Alabama, MALTAG 2008

			-----BREAKEVEN PRICE-----										
BB RabbiteyeMS-AL-LA			0.60	0.64	0.67	0.72	0.77	0.83	0.91	1.00	1.12	1.28	1.51
PERCENT	YIELD	UNIT	-----dollars-----										
50	3300.00	lb	-1527	-1420	-1297	-1153	-983	-780	-531	-219	180	713	1460
			-2988	-2881	-2758	-2614	-2444	-2241	-1992	-1680	-1280	-747	0
60	3960.00	lb	-1228	-1100	-952	-780	-576	-331	-33	340	820	1460	2357
			-2689	-2561	-2413	-2241	-2037	-1792	-1494	-1120	-640	0	896
70	4620.00	lb	-929	-780	-607	-406	-168	116	464	900	1460	2208	3253
			-2390	-2241	-2068	-1867	-1629	-1344	-996	-560	0	747	1792
80	5280.00	lb	-630	-460	-263	-33	238	564	962	1460	2101	2955	4150
			-2091	-1920	-1723	-1494	-1222	-896	-498	0	640	1494	2689
90	5940.00	lb	-331	-139	81	340	645	1012	1460	2021	2741	3702	5046
			-1792	-1600	-1379	-1120	-814	-448	0	560	1280	2241	3585
100	6600.00	lb	-33	180	426	713	1053	1460	1958	2581	3381	4449	5943
			-1494	-1280	-1034	-747	-407	0	498	1120	1920	2988	4482
110	7260.00	lb	265	500	771	1087	1460	1909	2457	3141	4022	5196	6839
			-1195	-960	-689	-373	0	448	996	1680	2561	3735	5378
120	7920.00	lb	564	820	1116	1460	1868	2357	2955	3702	4662	5943	7736
			-896	-640	-344	0	407	896	1494	2241	3201	4482	6275
130	8580.00	lb	863	1140	1460	1834	2275	2805	3453	4262	5302	6690	8632
			-597	-320	0	373	814	1344	1992	2801	3841	5229	7171
140	9240.00	lb	1162	1460	1805	2208	2683	3253	3951	4822	5943	7437	9529
			-298	0	344	747	1222	1792	2490	3361	4482	5976	8068
150	9900.00	lb	1460	1781	2150	2581	3090	3702	4449	5382	6583	8184	10425
			0	320	689	1120	1629	2241	2988	3922	5122	6723	8964

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 22.A Summary of estimated costs per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 7, (7,800 lb yield), Alabama, MALTAG 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	7.20	1.0000	7.20	_____
HERBICIDE	acre	84.60	1.0000	84.60	_____
OTHER	acre	1545.00	1.0000	1545.00	_____
Hand Labor	hour	8.28	314.0000	2599.92	_____
Irrigation Labor	hour	8.28	10.0000	82.80	_____
Operator Labor	hour	10.21	5.1357	52.43	_____
UNALLOCATED LABOR	hour	10.20	1.0271	10.48	_____
DIESEL FUEL	gal	2.41	8.7134	21.00	_____
GASOLINE	gal	2.83	1.0500	2.94	_____
REPAIR & MAINTENANCE	acre	12.30	1.0000	12.30	_____
INTEREST ON OP. CAP.	acre	190.89	1.0000	190.89	_____
				-----	
TOTAL DIRECT EXPENSES				4609.56	_____
TOTAL FIXED EXPENSES				1459.16	_____
				-----	
TOTAL SPECIFIED EXPENSES				6068.72	_____

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



Table 22.B continued.. Estimated resource use and costs for field operations, per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 7, (7,800 lb yield), 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-----			
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Irrigate & Check				4.00	Aug										
Irrigation Labor	hour									2.00	16.56				16.56
Mow between Rows				2.00	Aug										
Rotary Cutter	7 ft	2WD 50 hp	0.169			2.29	1.46	1.01	0.89	0.33	3.46				9.11
Spot Spray				1.00	Sep										
Sprayer - Utility	4 ft	4 x 4	0.250			0.63	1.63	0.03	0.16	0.25	2.55				5.00
Roundup Weathermax	pt											2.0000	5.57	11.14	11.14
Irrigate & Check				3.00	Sep										
Irrigation Labor	hour									1.50	12.42				12.42
Mow between Rows				2.00	Sep										
Rotary Cutter	7 ft	2WD 50 hp	0.169			2.29	1.46	1.01	0.89	0.33	3.46				9.11
Prorated Establish.	acre				Jan							1.0000			1165.74
Irrigation	acre				Jan							1.0000			244.56
TOTALS						27.34	25.99	8.90	22.87	329.13	2735.15			1636.80	5867.35
INTEREST ON OPERATING CAPITAL															190.89
UNALLOCATED LABOR															10.48
TOTAL SPECIFIED COST															6068.72

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

Table 22.C Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Blueberry - Mississippi / Alabama / Louisiana, Irrigated  
 Year 7, 7,800 lb yield, Alabama, MALTAG 2008

			-----BREAKEVEN PRICE-----										
BB RabbiteyeMS-AL-LA			0.57	0.60	0.63	0.67	0.72	0.77	0.84	0.93	1.04	1.19	1.39
PERCENT	YIELD	UNIT	-----dollars-----										
50	3900.00	lb	-1772	-1657	-1523	-1368	-1184	-964	-695	-358	74	651	1459
			-3231	-3116	-2983	-2827	-2644	-2423	-2154	-1817	-1385	-807	0
60	4680.00	lb	-1449	-1310	-1151	-964	-744	-479	-156	247	766	1459	2428
			-2908	-2770	-2610	-2423	-2203	-1939	-1615	-1211	-692	0	969
70	5460.00	lb	-1126	-964	-778	-560	-303	4	381	853	1459	2267	3398
			-2585	-2423	-2237	-2019	-1762	-1454	-1077	-605	0	807	1939
80	6240.00	lb	-803	-618	-405	-156	137	489	920	1459	2151	3075	4367
			-2262	-2077	-1864	-1615	-1322	-969	-538	0	692	1615	2908
90	7020.00	lb	-479	-272	-32	247	577	974	1459	2065	2844	3882	5337
			-1939	-1731	-1491	-1211	-881	-484	0	605	1385	2423	3878
100	7800.00	lb	-156	74	340	651	1018	1459	1997	2671	3536	4690	6306
			-1615	-1385	-1118	-807	-440	0	538	1211	2077	3231	4847
110	8580.00	lb	166	420	713	1055	1459	1943	2536	3276	4229	5498	7276
			-1292	-1038	-745	-403	0	484	1077	1817	2770	4039	5817
120	9360.00	lb	489	766	1086	1459	1899	2428	3075	3882	4921	6306	8245
			-969	-692	-372	0	440	969	1615	2423	3462	4847	6786
130	10140.00	lb	812	1112	1459	1863	2340	2913	3613	4488	5614	7114	9215
			-646	-346	0	403	881	1454	2154	3029	4155	5655	7756
140	10920.00	lb	1135	1459	1832	2267	2781	3398	4152	5094	6306	7922	10184
			-323	0	372	807	1322	1939	2693	3635	4847	6463	8725
150	11700.00	lb	1459	1805	2204	2671	3221	3882	4690	5700	6999	8730	11154
			0	346	745	1211	1762	2423	3231	4241	5540	7271	9695

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.