

Table 20.A Estimated resource use and costs for field operations, per acre
 Organic - Bell pepper,fresh market(wholesale),irrigated
 6 ft row spacing, 16 gpm with 7,260 ft of drip tapeGeorgia, 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-----			
Lime (Spread)	ton			1.00	Sep							0.3300	40.00	13.20	13.20
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Sep	1.96	1.32	0.58	1.53	0.19	2.02				7.41
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Oct	1.96	1.32	0.58	1.53	0.19	2.02				7.41
Manure spreader	50bu	2WD 75 hp	1.000	1.00	Oct	9.88	6.63	0.11	1.62	1.00	10.21				28.45
Chicken Litter	ton											2.0000	9.33	18.66	18.66
Disk Bed	2 Row	2WD 75 hp	0.284	2.00	Oct	5.61	3.77	0.38	1.80	0.56	5.80				17.36
BS Lay/Tape BPepper	6ftctr	2WD 75 hp	1.078	1.00	Oct	10.66	7.15	2.03	7.53	1.07	11.01				38.38
Plastic Mulch	roll											1.8000	162.00	291.60	291.60
Drip Tape	roll											1.2000	156.00	187.20	187.20
Cultivate	2 Row	2WD 75 hp	0.390	0.50	Nov	1.93	1.30	0.06	0.39	0.19	1.99				5.67
Cultivate	2 Row	2WD 75 hp	0.390	1.00	Mar	3.86	2.59	0.12	0.79	0.39	3.99				11.35
Trailer Utility	10 ft	2WD 75 hp	0.600	1.00	Mar	5.93	3.98	0.08	0.37	0.60	6.13				16.49
Pepper Plts -Organic	100plt											170.0000	7.77	1320.90	1320.90
Contract Plt BPepper	1000pl											17.0000	13.75	233.75	233.75
Irrigation				1.00	Mar										
Rural Water	ac-in											6.0000	75.01	450.06	450.06
Fertigation				2.00	Mar										
FERTIGATION LABOR	hour									5.00	41.40				41.40
Liquid Fish Fert.	gal											38.0000	15.61	593.18	593.18
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Dipel ES	pt											1.0000	4.04	4.04	4.04
Kocide DF	lb											2.0000	3.42	6.84	6.84
Neem Oil	pt											1.0000	5.27	5.27	5.27
Fertigation				2.00	Apr										
FERTIGATION LABOR	hour									5.00	41.40				41.40
Liquid Fish Fert.	gal											38.0000	15.61	593.18	593.18
Trailer Utility	10 ft	2WD 75 hp	0.600	1.00	Apr	5.93	3.98	0.08	0.37	0.60	6.13				16.49
HAND LABOR	hour									15.00	124.20				124.20
Wood Stakes	100											36.0000	15.00	540.00	540.00
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Neem Oil	pt											1.0000	5.27	5.27	5.27
Kocide DF	lb											2.0000	3.42	6.84	6.84
Fertigation				2.00	Apr										
FERTIGATION LABOR	hour									5.00	41.40				41.40
Liquid Fish Fert.	gal											38.0000	15.61	593.18	593.18
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	May	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Neem Oil	pt											1.0000	5.27	5.27	5.27
Kocide DF	lb											2.0000	3.42	6.84	6.84
Cultivate	2 Row	2WD 75 hp	0.390	1.00	May	3.86	2.59	0.12	0.79	0.39	3.99				11.35
Fertigation				2.00	May										
FERTIGATION LABOR	hour									5.00	41.40				41.40
Liquid Fish Fert.	gal											38.0000	15.61	593.18	593.18

Table 21.A Estimated resource use and costs for field operations, per acre
 Organic - Broccoli - fall, fresh market
 Georgia, 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-----			
Lime (Spread)	ton			0.33	Jul							0.4950	40.00	19.80	19.80
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Aug	2.18	1.46	0.53	1.18	0.22	2.25				7.60
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Aug	3.92	2.63	1.16	3.07	0.39	4.05				14.83
Manure spreader	50bu	2WD 75 hp	1.000	1.00	Aug	9.88	6.63	0.11	1.62	1.00	10.21				28.45
Chicken Litter	ton											1.0000	9.33	9.33	9.33
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Aug	1.96	1.32	0.58	1.53	0.19	2.02				7.41
Plntr/H2O Wheel	2 Row	2WD 75 hp	1.473	1.00	Aug	14.55	9.77	4.62	9.94	8.83	76.03				114.91
PLANTING LABOR	hour									30.00	248.40				248.40
Broccoli - Organic	thous											18.0000	51.55	927.90	927.90
Cultivate	2 Row	2WD 75 hp	0.390	1.00	Aug	3.86	2.59	0.12	0.79	0.39	3.99				11.35
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Aug	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Neem Oil	pt											1.0000	5.27	5.27	5.27
Pyrethrins	oz											16.0000	3.12	49.92	49.92
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Sep	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Neem Oil	pt											1.0000	5.27	5.27	5.27
Dipel ES	pt											1.0000	4.04	4.04	4.04
Cultivator - Rolling	2 Row	2WD 75 hp	0.310	1.00	Sep	3.07	2.06	0.70	4.46	0.31	3.17				13.46
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Sep	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Pyrethrins	oz											16.0000	3.12	49.92	49.92
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	4.00	Sep	9.70	6.51	39.33	88.50	0.98	10.03				154.07
Neem Oil	pt											4.0000	5.27	21.08	21.08
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Oct	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Dipel ES	pt											1.0000	4.04	4.04	4.04
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	1.00	Nov	0.89	0.60	0.04	0.09	0.18	1.67				3.29
HARVEST & PACK LABOR	hour			1.00	Nov					125.00	1035.00				1035.00
Boxes-Waxed	each											300.0000	1.32	396.00	396.00
Ice + Cooling	box											300.0000	0.75	225.00	225.00
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TOTALS						59.73	40.09	86.51	199.66	168.50	1406.86			1717.57	3510.42
INTEREST ON OPERATING CAPITAL															58.03
UNALLOCATED LABOR															12.33
TOTAL SPECIFIED COST															3580.78

Note: Cost of production estimates are based on 2007 input prices.

Table 22.A Estimated resource use and costs for field operations, per acre
 Organic - Cabbage - spring, hand harvest
 Georgia, 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-----			
Lime (Spread)	ton			0.33	Jan							0.4950	40.00	19.80	19.80
Manure spreader	50bu	2WD 75 hp	1.000	1.00	Feb	9.88	6.63	0.11	1.62	1.00	10.21				28.45
Chicken Litter	ton											2.0000	9.33	18.66	18.66
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.18	1.46	0.53	1.18	0.22	2.25				7.60
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Feb	1.96	1.32	0.58	1.53	0.19	2.02				7.41
Disk Bed	2 Row	2WD 75 hp	0.284	1.00	Feb	2.81	1.88	0.19	0.90	0.28	2.90				8.68
Cultivate	2 Row	2WD 75 hp	0.390	1.00	Feb	3.86	2.59	0.12	0.79	0.39	3.99				11.35
Plntr/H2O Wheel	2 Row	2WD 75 hp	1.473	1.00	Feb	14.55	9.77	4.62	9.94	8.83	76.03				114.91
PLANTING LABOR	hour									30.00	248.40				248.40
Cabbage - Organic	thous											13.2000	49.48	653.14	653.14
Cultivate	2 Row	2WD 75 hp	0.390	3.00	Mar	11.58	7.77	0.37	2.36	1.17	11.96				34.04
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	5.00	Mar	12.13	8.14	49.16	110.62	1.22	12.53				192.58
Neem Oil	pt											5.0000	5.27	26.35	26.35
Cultivate	2 Row	2WD 75 hp	0.390	1.00	Mar	3.86	2.59	0.12	0.79	0.39	3.99				11.35
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Dipel ES	pt											1.0000	4.04	4.04	4.04
Cultivator - Rolling	2 Row	2WD 75 hp	0.310	1.00	Apr	3.07	2.06	0.70	4.46	0.31	3.17				13.46
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	May	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Dipel ES	pt											1.0000	4.04	4.04	4.04
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	May	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Azatin EC	oz											14.0000	5.21	72.94	72.94
Dipel ES	pt											1.0000	4.04	4.04	4.04
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	May	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Azatin EC	oz											14.0000	5.21	72.94	72.94
Dipel ES	pt											1.0000	4.04	4.04	4.04
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	1.00	Jun	0.89	0.60	0.04	0.09	0.18	1.67				3.29
Harv.Labor S.Cabbage	box			1.00	Jun							600.0000	1.35	810.00	810.00
Grd & Pack S.Cabbage	box			1.00	Jun							600.0000	1.40	840.00	840.00
Box Cabbage	each											600.0000	2.10	1260.00	1260.00
Marketing Fee	box			1.00	Jun							600.0000	1.00	600.00	600.00
CoolingBox S.Cabbage	box			1.00	Jun							600.0000	0.25	150.00	150.00
TOTALS						76.49	51.33	95.86	222.76	45.19	389.16			4539.99	5375.59
INTEREST ON OPERATING CAPITAL															74.05
UNALLOCATED LABOR															15.79
TOTAL SPECIFIED COST															5465.43

Note: Cost of production estimates are based on 2007 input prices.

Table 23.A Estimated resource use and costs for field operations, per acre
 Organic - Cucumbers, slicers, irrigated
 5 ft row spacing, 20 gpm with 8,712 ft of drip tape, Georgia, 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-----			
Lime (Spread)	ton			0.33	Mar							0.4950	40.00	19.80	19.80
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Mar	2.18	1.46	0.53	1.18	0.22	2.25				7.60
Manure spreader	50bu	2WD 75 hp	1.000	1.00	Mar	9.88	6.63	0.11	1.62	1.00	10.21				28.45
Chicken Litter	ton											1.0000	9.33	9.33	9.33
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Mar	1.96	1.32	0.58	1.53	0.19	2.02				7.41
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Apr	1.96	1.32	0.58	1.53	0.19	2.02				7.41
BS.lay/tape/Cucumber	4ftctr	2WD 75 hp	1.617	1.00	Apr	15.98	10.73	2.03	7.53	1.61	16.52				52.79
Plastic Mulch	roll											2.2000	162.00	356.40	356.40
Drip Tape	roll											1.5000	156.00	234.00	234.00
Plntr/H2O Cucumber	1R 4ftctr	2WD 75 hp	2.578	1.00	Apr	25.47	17.10	2.09	4.51	10.31	90.36				139.53
Cucumber - Organic	lb											3.0000	612.00	1836.00	1836.00
Irrigation				1.00	Apr										
Rural Water	ac-in											6.0000	75.01	450.06	450.06
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Azatin EC	oz											14.0000	5.21	72.94	72.94
Fertigation				2.00	Apr										
FERTIGATION LABOR	hour									2.00	16.56				16.56
Liquid Fish Fert.	gal											18.0000	15.61	280.98	280.98
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	3.00	Apr	7.28	4.88	29.50	66.37	0.73	7.52				115.55
Neem Oil	pt											3.0000	5.27	15.81	15.81
Fertigation				2.00	May										
FERTIGATION LABOR	hour									2.00	16.56				16.56
Liquid Fish Fert.	gal											18.0000	15.61	280.98	280.98
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	May	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Neem Oil	pt											1.0000	5.27	5.27	5.27
Azatin EC	oz											14.0000	5.21	72.94	72.94
Fertigation				2.00	May										
FERTIGATION LABOR	hour									2.00	16.56				16.56
Liquid Fish Fert.	gal											18.0000	15.61	280.98	280.98
Fertigation				1.00	Jun										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											9.0000	15.61	140.49	140.49
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Jun	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Azatin EC	oz											14.0000	5.21	72.94	72.94
Fertigation				1.00	Jun										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											9.0000	15.61	140.49	140.49
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Jun	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Neem Oil	pt											1.0000	5.27	5.27	5.27
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	1.00	Jun	0.89	0.60	0.04	0.09	0.18	1.67				3.29
HARVEST LABOR	hour			1.00	Jun					120.00	993.60				993.60
5-Gal Bucket	each											200.0000	3.00	600.00	600.00

Labor(Packing)	each										300.0000	0.75	225.00	225.00
Boxes-Waxed	each										300.0000	1.32	396.00	396.00
Plastic Clean Up				1.00	Jun									
Mulch Lifter	1 Row	2WD 75 hp	0.589			5.82	3.91	0.11	3.03	0.58	6.02			18.89
Labor Clean up	acre											1.0000	100.00	100.00
Irrigation Setup	acre				Apr							1.0000		471.30
						-----	-----	-----	-----	-----	-----		-----	-----
TOTALS						81.14	54.47	74.89	175.87	144.03	1208.47		5595.68	7661.82
INTEREST ON OPERATING CAPITAL														108.15
UNALLOCATED LABOR														16.73
TOTAL SPECIFIED COST														7786.70

Note: Cost of production estimates are based on 2007 input prices.

Table 24.A Estimated resource use and costs for field operations, per acre
 Organic - Greens (turnip,mustard,collards),fresh market
 Georgia, 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-----			
Lime (Spread)	ton			0.33	Jan							0.4950	40.00	19.80	19.80
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Aug	2.18	1.46	0.53	1.18	0.22	2.25				7.60
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Aug	3.92	2.63	1.16	3.07	0.39	4.05				14.83
Manure spreader	50bu	2WD 75 hp	1.000	1.00	Aug	9.88	6.63	0.11	1.62	1.00	10.21				28.45
Chicken Litter	ton											2.0000	9.33	18.66	18.66
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Aug	1.96	1.32	0.58	1.53	0.19	2.02				7.41
Cultipacker	12 Ft	2WD 75 hp	0.124	1.00	Aug	1.23	0.83	0.10	0.17	0.12	1.27				3.60
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Sep	3.92	2.63	6.26	13.28	0.39	4.05				30.14
Greens - Organic	lb											3.3000	27.75	91.57	91.57
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	3.00	Sep	7.28	4.88	29.50	66.37	0.73	7.52				115.55
Kocide DF	lb											6.0000	3.42	20.52	20.52
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	2.00	Sep	4.85	3.26	19.67	44.25	0.49	5.01				77.04
Azatin EC	oz											28.0000	5.21	145.88	145.88
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Oct	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Dipel ES	pt											1.0000	4.04	4.04	4.04
Stacking Bins	each			1.00	Oct							20.0000	2.00	40.00	40.00
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	1.00	Oct	0.89	0.60	0.04	0.09	0.18	1.67				3.29
HARVEST & PACK LABOR	hour			1.00	Oct					175.00	1449.00				1449.00
Boxes-Waxed	each			1.00	Oct							500.0000	1.32	660.00	660.00
Cooling Box - Greens box												500.0000	0.25	125.00	125.00
TOTALS						38.54	25.87	67.78	153.68	178.98	1489.56			1125.47	2900.90
INTEREST ON OPERATING CAPITAL															24.70
UNALLOCATED LABOR															7.94
TOTAL SPECIFIED COST															2933.54

Note: Cost of production estimates are based on 2007 input prices.

Table 25.A Estimated resource use and costs for field operations, per acre
 Organic - Lima / butter beans - hand harvest
 Georgia, 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-----			
Lime (Spread)	ton			0.33	Jan							0.4950	40.00	19.80	19.80
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Jan	2.18	1.46	0.53	1.18	0.22	2.25				7.60
Manure spreader	50bu	2WD 75 hp	1.000	1.00	Mar	9.88	6.63	0.11	1.62	1.00	10.21				28.45
Chicken Litter	ton											1.0000	9.33	9.33	9.33
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Mar	1.96	1.32	0.58	1.53	0.19	2.02				7.41
Disk Bed	2 Row	2WD 75 hp	0.284	1.00	Mar	2.81	1.88	0.19	0.90	0.28	2.90				8.68
Cultivate	2 Row	2WD 75 hp	0.390	1.00	Apr	3.86	2.59	0.12	0.79	0.39	3.99				11.35
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Apr	3.92	2.63	6.26	13.28	0.39	4.05				30.14
Lima Bean - Organic	lb											30.0000	59.00	1770.00	1770.00
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Azatin EC	oz											14.0000	5.21	72.94	72.94
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	May	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Pyrethrins	oz											16.0000	3.12	49.92	49.92
Cultivator - Rolling	2 Row	2WD 75 hp	0.310	1.00	May	3.07	2.06	0.70	4.46	0.31	3.17				13.46
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	4.00	May	9.70	6.51	39.33	88.50	0.98	10.03				154.07
Kocide DF	lb											8.8000	3.42	30.10	30.10
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	May	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Pyrethrins	oz											16.0000	3.12	49.92	49.92
HARVEST LABOR	hour			1.00	Jun					136.00	1126.08				1126.08
5-Gal Bucket	each											40.0000	3.00	120.00	120.00
Sheller Lima Beans	each			1.00	Jun				8.42			0.0200			8.42
107/10 lb bg L/BBean	acre							0.24		9.00	74.52	1.0000			74.76
R.B.Convey LimaBeans	each			1.00	Jun				3.86			0.0200			3.86
Rot.PakTable L-Beans	each			1.00	Jun				3.41			0.0200			3.41
Application 1	acre							0.13		5.00	41.40	1.0000			41.53
Bag Sealer LimaBeans	each			1.00	Jun				1.11			0.0200			1.11
Application 1	acre							0.61		0.12	0.99	1.0000			1.60
TOTALS						44.67	29.97	78.29	195.42	154.63	1289.14			2122.01	3759.50
INTEREST ON OPERATING CAPITAL															56.82
UNALLOCATED LABOR															9.22
TOTAL SPECIFIED COST															3825.54

Note: Cost of production estimates are based on 2007 input prices.

Table 26.A Estimated resource use and costs for field operations, per acre
 Organic - Lima / butter beans - mechanical harvest
 Georgia, 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-----			
Lime (Spread)	ton			0.33	Jan							0.4950	40.00	19.80	19.80
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Jan	2.18	1.46	0.53	1.18	0.22	2.25				7.60
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Mar	1.96	1.32	0.58	1.53	0.19	2.02				7.41
Manure spreader	50bu	2WD 50 hp	1.000	1.00	Mar	6.57	4.30	0.11	1.62	1.00	10.21				22.81
Chicken Litter	ton											1.0000	9.33	9.33	9.33
Disk Bed	2 Row	2WD 75 hp	0.284	1.00	Mar	2.81	1.88	0.19	0.90	0.28	2.90				8.68
Cultivator - Rolling	2 Row	2WD 75 hp	0.310	1.00	Apr	3.07	2.06	0.70	4.46	0.31	3.17				13.46
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Apr	3.92	2.63	6.26	13.28	0.39	4.05				30.14
Lima Bean - Organic	lb											30.0000	59.00	1770.00	1770.00
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Azatin EC	oz											14.0000	5.21	72.94	72.94
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	May	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Pyrethrins	oz											16.0000	3.12	49.92	49.92
Cultivate	2 Row	2WD 75 hp	0.390	1.00	May	3.86	2.59	0.12	0.79	0.39	3.99				11.35
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	4.00	May	9.70	6.51	39.33	88.50	0.98	10.03				154.07
Kocide DF	lb											8.8000	3.42	30.10	30.10
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	May	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Pyrethrins	oz											16.0000	3.12	49.92	49.92
Picker Beans/Peas	1 Row	2WD 75 hp	3.571	1.00	Jun	35.28	23.68	40.22	48.84	10.71	95.60				243.62
Trailer-Lima/B. Bean	16 ft	2WD 50 hp	3.571	1.00	Jun	23.47	15.35	1.86	4.01	7.14	66.03				110.72
LABOR BEAN TRAILER	hour														29.64
Sheller Lima Beans	each			1.00	Jun				8.42			0.0200			8.42
65/10 lb bg L/BBean	acre							0.24		9.00	74.52	1.0000			74.76
R.B.Convey LimaBeans	each			1.00	Jun				3.86			0.0200			3.86
Rot.PakTable L-Beans	each			1.00	Jun				3.41			0.0200			3.41
Application 1	acre							0.13		5.00	41.40	1.0000			41.53
Bag Sealer LimaBeans	each			1.00	Jun				1.11			0.0200			1.11
Application 1	acre							0.61		0.12	0.99	1.0000			1.60
TOTALS						100.11	66.67	120.37	248.27	40.07	354.33			2002.01	2891.76
INTEREST ON OPERATING CAPITAL															49.87
UNALLOCATED LABOR															23.80
TOTAL SPECIFIED COST															2965.43

Note: Cost of production estimates are based on 2007 input prices.

Table 27.A Estimated resource use and costs for field operations, per acre
 Organic - Okra, fresh market
 Georgia, 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-----			
Lime (Spread)	ton			0.33	Mar							0.4950	40.00	19.80	19.80
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Mar	2.18	1.46	0.53	1.18	0.22	2.25				7.60
Manure spreader	50bu	2WD 75 hp	1.000	1.00	Mar	9.88	6.63	0.11	1.62	1.00	10.21				28.45
Chicken Litter	ton											1.0000	9.33	9.33	9.33
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Mar	3.92	2.63	1.16	3.07	0.39	4.05				14.83
Disk Bed	2 Row	2WD 75 hp	0.284	1.00	Apr	2.81	1.88	0.19	0.90	0.28	2.90				8.68
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Apr	3.92	2.63	6.26	13.28	0.39	4.05				30.14
Okra - Organic	lb											8.8000	155.00	1364.00	1364.00
Cultivate	2 Row	2WD 75 hp	0.390	1.00	Apr	3.86	2.59	0.12	0.79	0.39	3.99				11.35
Cultivator - Rolling	2 Row	2WD 75 hp	0.310	1.00	Apr	3.07	2.06	0.70	4.46	0.31	3.17				13.46
Cultivate	2 Row	2WD 75 hp	0.390	2.00	May	7.72	5.18	0.25	1.57	0.78	7.98				22.70
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	2.00	May	4.85	3.26	19.67	44.25	0.49	5.01				77.04
Pyrethrins	oz											32.0000	3.12	99.84	99.84
Cultivator - Rolling	2 Row	2WD 75 hp	0.310	1.00	May	3.07	2.06	0.70	4.46	0.31	3.17				13.46
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	3.00	Jun	7.28	4.88	29.50	66.37	0.73	7.52				115.55
Pyrethrins	oz											48.0000	3.12	149.76	149.76
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	12.00	Jun	10.67	7.16	0.50	1.09	2.16	19.97				39.39
HARVEST LABOR	hour			1.00	Jun					300.00	2484.00				2484.00
5-Gal Bucket	each											200.0000	3.00	600.00	600.00
GRADE & PACK LABOR	hour			1.00	Jun					30.00	248.40				248.40
Boxes-Waxed	each											400.0000	1.32	528.00	528.00
TOTALS						63.23	42.42	59.69	143.04	337.47	2806.67			2770.73	5885.78
INTEREST ON OPERATING CAPITAL															64.71
UNALLOCATED LABOR															13.06
TOTAL SPECIFIED COST															5963.55

Note: Cost of production estimates are based on 2007 input prices.

Table 28.A Estimated resource use and costs for field operations, per acre
 Organic - Pumpkin, wholesale/freshmarket, irrigated
 8 ft row spacing, 12 gpm with 5,445 ft of drip tape, Georgia, 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-----			
Lime (Spread)	ton			0.33	May							0.1633	40.00	6.53	6.53
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	May	2.18	1.46	0.53	1.18	0.22	2.25				7.60
Manure spreader	50bu	2WD 75 hp	1.000	1.00	May	9.88	6.63	0.11	1.62	1.00	10.21				28.45
Chicken Litter	ton											2.0000	9.33	18.66	18.66
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Jun	3.92	2.63	1.16	3.07	0.39	4.05				14.83
Disk Bed	2 Row	2WD 75 hp	0.284	1.00	Jun	2.81	1.88	0.19	0.90	0.28	2.90				8.68
BS. lay/tape/Pumpkin	8ftctr	2WD 75 hp	0.080	1.00	Jun	0.80	0.54	0.21	0.76	0.08	0.83				3.14
Plastic Mulch	roll											1.4000	162.00	226.80	226.80
Drip Tape	roll											0.9000	156.00	140.40	140.40
Plntr/H20/pnch/seed	1 Row	2WD 75 hp	2.578	1.00	Jul	25.47	17.10	3.73	8.02	5.15	47.67				101.99
Pumpkin Sd - Organic	lb											1.5000	102.67	154.01	154.01
Irrigation				1.00	Jul										
Rural Water	ac-in											6.0000	75.01	450.06	450.06
Fertigation				1.00	Jul										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											9.0000	15.61	140.49	140.49
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Jul	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Azatin EC	oz											14.0000	5.21	72.94	72.94
Disk Harrow-Hvy Duty	5'	2WD 75 hp	0.412	0.50	Jul	2.04	1.37	0.13	0.34	0.20	2.11				5.99
Fertigation				1.00	Jul										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											9.0000	15.61	140.49	140.49
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Jul	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Pyrethrins	oz											16.0000	3.12	49.92	49.92
Fertigation				1.00	Jul										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											9.0000	15.61	140.49	140.49
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Aug	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Neem Oil	pt											1.0000	5.27	5.27	5.27
Fertigation				3.00	Aug										
FERTIGATION LABOR	hour									3.00	24.84				24.84
Liquid Fish Fert.	gal											27.0000	15.61	421.47	421.47
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Aug	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Neem Oil	pt											1.0000	5.27	5.27	5.27
Fertigation				1.00	Sep										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											9.0000	15.61	140.49	140.49
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Sep	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Azatin EC	oz											14.0000	5.21	72.94	72.94
Pyrethrins	oz											16.0000	3.12	49.92	49.92
Fertigation				3.00	Sep										
FERTIGATION LABOR	hour									3.00	24.84				24.84

Liquid Fish Fert.	gal												27.0000	15.61	421.47	421.47
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Sep	2.43	1.63	9.83	22.12	0.24	2.51					38.52
Azatin EC	oz												14.0000	5.21	72.94	72.94
Neem Oil	pt												1.0000	5.27	5.27	5.27
Fertigation				1.00	Oct											
FERTIGATION LABOR	hour									1.00	8.28					8.28
Liquid Fish Fert.	gal												9.0000	15.61	140.49	140.49
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	3.00	Oct	2.67	1.79	0.13	0.27	0.54	5.00					9.86
HARVEST LABOR	hour									90.00	745.20					745.20
Pallet Crates-1000lb each													123.0000	12.00	1476.00	1476.00
Mulch Lifter	1 Row	2WD 75 hp	0.589	1.00	Nov	5.82	3.91	0.11	3.03	0.58	6.02					18.89
LABOR MULCH CLEANUP	hour									15.00	124.20					124.20
Irrigation Setup	acre				Jul								1.0000			459.10
						-----	-----	-----	-----	-----	-----				-----	-----
TOTALS						70.17	47.09	65.28	151.91	125.94	1056.58				4352.32	6202.45
INTEREST ON OPERATING CAPITAL																134.59
UNALLOCATED LABOR																14.48
TOTAL SPECIFIED COST																6351.52

Note: Cost of production estimates are based on 2007 input prices.

Table 29.A Estimated resource use and costs for field operations, per acre
 Organic - Snap beans, fresh market - hand harvest
 Georgia, 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-----			
Lime (Spread)	ton			0.33	Feb							0.4950	40.00	19.80	19.80
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.18	1.46	0.53	1.18	0.22	2.25				7.60
Manure spreader	50bu	2WD 75 hp	1.000	1.00	Feb	9.88	6.63	0.11	1.62	1.00	10.21				28.45
Chicken Litter	ton											1.0000	9.33	9.33	9.33
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Feb	3.92	2.63	1.16	3.07	0.39	4.05				14.83
Disk Bed	2 Row	2WD 75 hp	0.284	1.00	Feb	2.81	1.88	0.19	0.90	0.28	2.90				8.68
Cultivate	2 Row	2WD 75 hp	0.390	1.00	Feb	3.86	2.59	0.12	0.79	0.39	3.99				11.35
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Mar	3.92	2.63	6.26	13.28	0.39	4.05				30.14
Snap Beans - Organic	lb											70.0000	13.00	910.00	910.00
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	2.00	Mar	4.85	3.26	19.67	44.25	0.49	5.01				77.04
Pyrethrins	oz											32.0000	3.12	99.84	99.84
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Mar	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Kocide DF	lb											2.0000	3.42	6.84	6.84
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	2.00	Apr	4.85	3.26	19.67	44.25	0.49	5.01				77.04
Kocide DF	lb											4.0000	3.42	13.68	13.68
Cultivator - Rolling	2 Row	2WD 75 hp	0.310	1.00	Apr	3.07	2.06	0.70	4.46	0.31	3.17				13.46
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	2.00	Apr	4.85	3.26	19.67	44.25	0.49	5.01				77.04
Kocide DF	lb											4.0000	3.42	13.68	13.68
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	1.00	May	0.89	0.60	0.04	0.09	0.18	1.67				3.29
HARVEST LABOR	hour			1.00	May					150.00	1242.00				1242.00
Bushel Box	each			1.00	May							200.0000	1.20	240.00	240.00
Load Conveyor S Bean				1.00	May										
GRD LABOR S. BEANS	hour									20.00	165.60				165.60
Cooling Snap Beans	bu box			1.00	May							200.0000	0.75	150.00	150.00
R.B.ConveySnapBeans	each			1.00	May				3.86			0.0200			3.86
Application 1	bu							79.68		40.00	331.20	200.0000			410.88
Rot.Pk Table S Beans	each			1.00	May				3.41			0.0200			3.41
Application 1	bu							6.38		2.00	16.56	200.0000			22.94
TOTALS						47.51	31.89	164.01	187.53	216.89	1805.19			1463.17	3699.30
INTEREST ON OPERATING CAPITAL															43.68
UNALLOCATED LABOR															9.80
TOTAL SPECIFIED COST															3752.78

Note: Cost of production estimates are based on 2007 input prices.

Table 30.A Estimated resource use and costs for field operations, per acre
 Organic - Snap beans, fresh market-mechanical harvest
 Georgia, 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-----			
Lime (Spread)	ton			0.33	Feb								0.4950	40.00	19.80	19.80
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.18	1.46	0.53	1.18	0.22	2.25					7.60
Manure spreader	50bu	2WD 50 hp	1.000	1.00	Feb	6.57	4.30	0.11	1.62	1.00	10.21					22.81
Chicken Litter	ton												1.0000	9.33	9.33	9.33
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Feb	3.92	2.63	1.16	3.07	0.39	4.05					14.83
Disk Bed	2 Row	2WD 75 hp	0.284	1.00	Feb	2.81	1.88	0.19	0.90	0.28	2.90					8.68
Cultivate	2 Row	2WD 75 hp	0.390	1.00	Feb	3.86	2.59	0.12	0.79	0.39	3.99					11.35
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Mar	3.92	2.63	6.26	13.28	0.39	4.05					30.14
Snap Beans - Organic	lb												70.0000	13.00	910.00	910.00
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	2.00	Mar	4.85	3.26	19.67	44.25	0.49	5.01					77.04
Pyrethrins	oz												32.0000	3.12	99.84	99.84
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Mar	2.43	1.63	9.83	22.12	0.24	2.51					38.52
Kocide DF	lb												2.0000	3.42	6.84	6.84
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	2.00	Apr	4.85	3.26	19.67	44.25	0.49	5.01					77.04
Kocide DF	lb												4.0000	3.42	13.68	13.68
Cultivator - Rolling	2 Row	2WD 75 hp	0.310	1.00	Apr	3.07	2.06	0.70	4.46	0.31	3.17					13.46
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	2.00	Apr	4.85	3.26	19.67	44.25	0.49	5.01					77.04
Kocide DF	lb												4.0000	3.42	13.68	13.68
Picker Beans/Peas	1 Row	2WD 75 hp	3.571	1.00	May	35.28	23.68	40.22	48.84	10.71	95.60					243.62
Bushel Box	each												150.0000	1.20	180.00	180.00
Trailer - Snap Bean	16 ft	2WD 50 hp	3.571	1.00	May	23.47	15.35	1.86	4.01	7.14	66.03					110.72
Load Conveyor S Bean				1.00	May											
GRD LABOR S. BEANS	hour									20.00	165.60					165.60
Cooling Snap Beans	bu box			1.00	May								200.0000	0.75	150.00	150.00
R.B.ConveySnapBeans	each			1.00	May				3.86				0.0200			3.86
Application 1	bu							79.68		40.00	331.20		200.0000			410.88
Rot.Pk Table S Beans	each			1.00	May				3.41				0.0200			3.41
Application 1	bu							6.38		2.00	16.56		200.0000			22.94
TOTALS						102.06	67.99	206.05	240.29	84.57	723.15			1403.17		2742.71
INTEREST ON OPERATING CAPITAL																36.08
UNALLOCATED LABOR																24.20
TOTAL SPECIFIED COST																2802.99

Note: Cost of production estimates are based on 2007 input prices.

Table 31.A Estimated resource use and costs for field operations, per acre
 Organic - Southern peas, fresh market - hand harvest
 Georgia, 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-----			
Lime (Spread)	ton			0.33	Jan							0.4950	40.00	19.80	19.80
Sub-Soiler	2 Shank	2WD 75 hp	0.404	1.00	Feb	4.00	2.68	0.91	2.97	0.40	4.13				14.69
Manure spreader	50bu	2WD 75 hp	1.000	1.00	Feb	9.88	6.63	0.11	1.62	1.00	10.21				28.45
Chicken Litter	ton											1.0000	9.33	9.33	9.33
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Mar	3.92	2.63	1.16	3.07	0.39	4.05				14.83
Disk Bed	2 Row	2WD 75 hp	0.284	1.00	Mar	2.81	1.88	0.19	0.90	0.28	2.90				8.68
Cultivate	2 Row	2WD 75 hp	0.390	1.00	Apr	3.86	2.59	0.12	0.79	0.39	3.99				11.35
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Apr	3.92	2.63	6.26	13.28	0.39	4.05				30.14
S. Peas - Organic	lb											10.0000	33.00	330.00	330.00
Cultivate	2 Row	2WD 75 hp	0.390	1.00	Apr	3.86	2.59	0.12	0.79	0.39	3.99				11.35
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Pyrethrins	oz											16.0000	3.12	49.92	49.92
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	3.00	May	7.28	4.88	29.50	66.37	0.73	7.52				115.55
Dipel ES	pt											3.0000	4.04	12.12	12.12
Cultivator - Rolling	2 Row	2WD 75 hp	0.310	1.00	May	3.07	2.06	0.70	4.46	0.31	3.17				13.46
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	3.00	May	2.67	1.79	0.13	0.27	0.54	5.00				9.86
HARVEST LABOR	hour			1.00	May										621.00
5-Gal Bucket	each											20.0000	3.00	60.00	60.00
Sheller S. Peas	each			1.00	May				8.42			0.0200			8.42
100/10 lb bg S. Peas	acre							0.24		6.00	49.68	1.0000			49.92
R.B.Convey S. Peas	each			1.00	May				3.86			0.0200			3.86
Rot.Pk.Table S Peas	each			1.00	May				3.41			0.0200			3.41
Application 1	acre							0.13		3.00	24.84	1.0000			24.97
Bag Sealer S. Peas	each			1.00	May				1.11			0.0200			1.11
Application 1	acre							0.61		0.10	0.83	1.0000			1.44
TOTALS						47.70	31.99	50.01	133.44	89.19	747.87			481.17	1492.18
INTEREST ON OPERATING CAPITAL															14.59
UNALLOCATED LABOR															9.85
TOTAL SPECIFIED COST															1516.62

Note: Cost of production estimates are based on 2007 input prices.

Table 32.A Estimated resource use and costs for field operations, per acre
 Organic-Southern peas, fresh market-mechanical harvest
 Georgia, 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-----			
Lime (Spread)	ton			0.33	Jan							0.4950	40.00	19.80	19.80
Sub-Soiler	2 Shank	2WD 75 hp	0.404	1.00	Feb	4.00	2.68	0.91	2.97	0.40	4.13				14.69
Manure spreader	50bu	2WD 50 hp	1.000	1.00	Feb	6.57	4.30	0.11	1.62	1.00	10.21				22.81
Chicken Litter	ton											1.0000	9.33	9.33	9.33
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Mar	3.92	2.63	1.16	3.07	0.39	4.05				14.83
Disk Bed	2 Row	2WD 75 hp	0.284	1.00	Mar	2.81	1.88	0.19	0.90	0.28	2.90				8.68
Cultivate	2 Row	2WD 75 hp	0.390	1.00	Apr	3.86	2.59	0.12	0.79	0.39	3.99				11.35
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Apr	3.92	2.63	6.26	13.28	0.39	4.05				30.14
S. Peas - Organic	lb											10.0000	33.00	330.00	330.00
Cultivate	2 Row	2WD 75 hp	0.390	1.00	Apr	3.86	2.59	0.12	0.79	0.39	3.99				11.35
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Pyrethrins	oz											16.0000	3.12	49.92	49.92
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	3.00	May	7.28	4.88	29.50	66.37	0.73	7.52				115.55
Dipel ES	pt											3.0000	4.04	12.12	12.12
Cultivator - Rolling	2 Row	2WD 75 hp	0.310	1.00	May	3.07	2.06	0.70	4.46	0.31	3.17				13.46
Picker Beans/Peas	1 Row	2WD 75 hp	3.571	1.00	May	35.28	23.68	40.22	48.84	10.71	95.60				243.62
Sacks - S Peas	each											75.0000	0.65	48.75	48.75
Trailer-Southern Pea	16 ft	2WD 50 hp	3.571	1.00	May	23.47	15.35	1.86	4.01	7.14	66.03				110.72
Sheller S. Peas	each			1.00	May				8.42			0.0200			8.42
64/10 lb bg S. Peas	acre							0.24		6.00	49.68	1.0000			49.92
R.B.Convey S. Peas	each			1.00	May				3.86			0.0200			3.86
Rot.Pk.Table S Peas	each			1.00	May				3.41			0.0200			3.41
Application 1	acre							0.13		3.00	24.84	1.0000			24.97
Bag Sealer S. Peas	each			1.00	May				1.11			0.0200			1.11
Application 1	acre							0.61		0.10	0.83	1.0000			1.44
TOTALS						100.47	66.90	91.96	186.02	31.51	283.50			469.92	1198.77
INTEREST ON OPERATING CAPITAL															11.84
UNALLOCATED LABOR															23.88
TOTAL SPECIFIED COST															1234.49

Note: Cost of production estimates are based on 2007 input prices.

Table 33.A Estimated resource use and costs for field operations, per acre
 Organic - Squash - summer, fresh market, irrigated
 5 ft row spacing, 20 gpm with 8,712 ft of drip tape, Georgia, 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-----			
Lime (Spread)	ton			0.33	Feb							0.4950	40.00	19.80	19.80
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.18	1.46	0.53	1.18	0.22	2.25				7.60
Manure spreader	50bu	2WD 75 hp	1.000	1.00	Feb	9.88	6.63	0.11	1.62	1.00	10.21				28.45
Chicken Litter	ton											2.0000	9.33	18.66	18.66
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Mar	3.92	2.63	1.16	3.07	0.39	4.05				14.83
Disk Bed	2 Row	2WD 75 hp	0.284	1.00	Mar	2.81	1.88	0.19	0.90	0.28	2.90				8.68
BS.lay/tape/Squash	5ftctr	2WD 75 hp	1.294	1.00	Mar	12.79	8.58	2.02	7.50	1.29	13.21				44.10
Plastic Mulch	roll											2.2000	162.00	356.40	356.40
Drip Tape	roll											1.5000	156.00	234.00	234.00
Plntr/H20/pnch/seed	1 Row	2WD 75 hp	2.578	1.00	Apr	25.47	17.10	3.73	8.02	5.15	47.67				101.99
Squash Sd - Organic	lb											2.0000	160.00	320.00	320.00
Irrigation				1.00	Apr										
Rural Water	ac-in											6.0000	75.01	450.06	450.06
Fertigation				1.00	Apr										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											9.0000	15.61	140.49	140.49
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Azatin EC	oz											14.0000	5.21	72.94	72.94
Fertigation				2.00	Apr										
FERTIGATION LABOR	hour									2.00	16.56				16.56
Liquid Fish Fert.	gal											18.0000	15.61	280.98	280.98
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Neem Oil	pt											1.0000	5.27	5.27	5.27
Fertigation				1.00	Apr										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											9.0000	15.61	140.49	140.49
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	2.00	Apr	4.85	3.26	19.67	44.25	0.49	5.01				77.04
Azatin EC	oz											28.0000	5.21	145.88	145.88
Neem Oil	pt											2.0000	5.27	10.54	10.54
Fertigation				4.00	May										
FERTIGATION LABOR	hour									4.00	33.12				33.12
Liquid Fish Fert.	gal											36.0000	15.61	561.96	561.96
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	10.00	Jun	8.90	5.97	0.42	0.91	1.80	16.64				32.84
HARVEST LABOR	hour			1.00	Jun					100.00	828.00				828.00
5-Gal Bucket	each											200.0000	3.00	600.00	600.00
Bushel Box	each											250.0000	1.20	300.00	300.00
GRADE & PACK LABOR	hour			10.00	Jun					110.00	910.80				910.80
Mulch Lifter	1 Row	2WD 75 hp	0.589	1.00	Jun	5.82	3.91	0.11	3.03	0.58	6.02				18.89
LABOR MULCH CLEANUP	hour									15.00	124.20				124.20
Irrigation Setup	acre				Apr							1.0000			471.30
TOTALS						81.48	54.68	47.60	114.72	244.72	2042.22			3657.47	6469.47

INTEREST ON OPERATING CAPITAL	88.28
UNALLOCATED LABOR	16.82
TOTAL SPECIFIED COST	6574.57

Note: Cost of production estimates are based on 2007 input prices.

Table 34.A Estimated resource use and costs for field operations, per acre
 Organic - Sweet corn, fresh market hand harvest
 Georgia, 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-----			
Lime (Spread)	ton			0.33	Jan								0.4950	40.00	19.80	19.80
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.18	1.46	0.53	1.18	0.22	2.25					7.60
Manure spreader	50bu	2WD 75 hp	1.000	1.00	Feb	9.88	6.63	0.11	1.62	1.00	10.21					28.45
Chicken Litter	ton												2.0000	9.33	18.66	18.66
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Feb	3.92	2.63	1.16	3.07	0.39	4.05					14.83
Disk Bed	2 Row	2WD 75 hp	0.284	1.00	Mar	2.81	1.88	0.19	0.90	0.28	2.90					8.68
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Mar	3.92	2.63	6.26	13.28	0.39	4.05					30.14
Sweet Corn-Organic	lb												9.0000	15.00	135.00	135.00
Cultivate	2 Row	2WD 75 hp	0.390	1.00	Mar	3.86	2.59	0.12	0.79	0.39	3.99					11.35
Cultivator - Rolling	2 Row	2WD 75 hp	0.310	1.00	Mar	3.07	2.06	0.70	4.46	0.31	3.17					13.46
Cultivate	2 Row	2WD 75 hp	0.390	1.00	Apr	3.86	2.59	0.12	0.79	0.39	3.99					11.35
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	7.00	May	16.98	11.40	68.83	154.87	1.71	17.55					269.63
Dipel ES	pt												7.0000	4.04	28.28	28.28
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	3.00	Jun	7.28	4.88	29.50	66.37	0.73	7.52					115.55
Dipel ES	pt												3.0000	4.04	12.12	12.12
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	1.00	Jun	0.89	0.60	0.04	0.09	0.18	1.67					3.29
HARVEST & PACK LABOR	hour			1.00	Jun					50.00	414.00					414.00
Crates - Sweet Corn	each			1.00	Jun								200.0000	1.25	250.00	250.00
Ice + Cooling	crat												200.0000	0.70	140.00	140.00
						-----	-----	-----	-----	-----	-----				-----	
TOTALS						58.65	39.35	107.56	247.42	56.02	475.35				603.86	1532.19
INTEREST ON OPERATING CAPITAL																16.43
UNALLOCATED LABOR																12.11
TOTAL SPECIFIED COST																1560.73

Note: Cost of production estimates are based on 2007 input prices.

Table 35.A Estimated resource use and costs for field operations, per acre
 Organic - Sweet corn, fresh market-train harvest
 shipping, Georgia, 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-----			
Lime (Spread)	ton			0.33	Jan							0.4950	40.00	19.80	19.80
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.18	1.46	0.53	1.18	0.22	2.25				7.60
Manure spreader	50bu	2WD 50 hp	1.000	1.00	Feb	6.57	4.30	0.11	1.62	1.00	10.21				22.81
Chicken Litter	ton											2.0000	9.33	18.66	18.66
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Feb	3.92	2.63	1.16	3.07	0.39	4.05				14.83
Disk Bed	2 Row	2WD 75 hp	0.284	1.00	Mar	2.81	1.88	0.19	0.90	0.28	2.90				8.68
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Mar	3.92	2.63	6.26	13.28	0.39	4.05				30.14
Sweet Corn-Organic	lb											9.0000	15.00	135.00	135.00
Cultivate	2 Row	2WD 75 hp	0.390	2.00	Mar	7.72	5.18	0.25	1.57	0.78	7.98				22.70
Cultivator - Rolling	2 Row	2WD 75 hp	0.310	1.00	Mar	3.07	2.06	0.70	4.46	0.31	3.17				13.46
Cultivator - Rolling	2 Row	2WD 75 hp	0.310	1.00	Apr	3.07	2.06	0.70	4.46	0.31	3.17				13.46
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	7.00	May	16.98	11.40	68.83	154.87	1.71	17.55				269.63
Dipel ES	pt											7.0000	4.04	28.28	28.28
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	3.00	Jun	7.28	4.88	29.50	66.37	0.73	7.52				115.55
Dipel ES	pt											3.0000	4.04	12.12	12.12
Mule Train (Corn)	30 ft	2WD 75 hp	0.229	1.00	Jun	2.26	1.52	10.50	97.29	7.56	63.06				174.63
Trailer(MuleTrn)Corn	16 ft	2WD 50 hp	0.229	1.00	Jun	1.50	0.98	1.78	3.84	0.68	6.14				14.24
Crates - Sweet Corn	each			1.00	Jun							200.0000	1.25	250.00	250.00
Ice + Cooling	crat											200.0000	0.70	140.00	140.00
TOTALS						61.28	40.98	120.51	352.91	14.40	132.05			603.86	1311.59
INTEREST ON OPERATING CAPITAL															14.13
UNALLOCATED LABOR															13.50
TOTAL SPECIFIED COST															1339.22

Note: Cost of production estimates are based on 2007 input prices.

Table 36.A Estimated resource use and costs for field operations, per acre
 Organic - Sweet potatoes
 Georgia, 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-----			
Trapping	acre			1.00	Apr							1.0000	1.00	1.00	1.00
Manure spreader	50bu	2WD 75 hp	1.000	1.00	Apr	9.88	6.63	0.11	1.62	1.00	10.21				28.45
Chicken Litter	ton											1.0000	9.33	9.33	9.33
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Apr	3.92	2.63	1.16	3.07	0.39	4.05				14.83
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Apr	2.18	1.46	0.53	1.18	0.22	2.25				7.60
Disk Bed	2 Row	2WD 75 hp	0.284	1.80	May	5.05	3.39	0.34	1.62	0.51	5.22				15.62
Trailer-Sweet Potato	16 ft	2WD 50 hp	0.598	1.00	May	3.93	2.57	4.65	10.04	0.59	6.11				27.30
Sweatpotato -Organic	thous											12.0000	30.00	360.00	360.00
Trailer Water	10 ft	2WD 75 hp	0.600	1.00	May	5.93	3.98	0.26	0.94	0.60	6.13				17.24
Planter/Transplanter	1 Row	2WD 75 hp	1.586	1.00	May	15.68	10.52	0.12	11.80	6.34	55.61				93.73
Crate Sweetpotato	each											2.0000	8.00	16.00	16.00
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	May	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Pyrethrins	oz											16.0000	3.12	49.92	49.92
Ditcher		2WD 75 hp	0.020	1.00	May	0.20	0.13	0.03	0.06	0.02	0.20				0.62
Scouting Sweetpotato	acre			1.00	May							1.0000	15.00	15.00	15.00
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	May	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Azatin EC	oz											14.0000	5.21	72.94	72.94
Cultivate	2 Row	2WD 75 hp	0.390	1.00	May	3.86	2.59	0.12	0.79	0.39	3.99				11.35
Ditcher		2WD 75 hp	0.020	1.00	May	0.20	0.13	0.03	0.06	0.02	0.20				0.62
Cultivator - Rolling	2 Row	2WD 75 hp	0.310	1.00	Jun	3.07	2.06	0.70	4.46	0.31	3.17				13.46
Ditcher		2WD 75 hp	0.020	1.00	Jun	0.20	0.13	0.03	0.06	0.02	0.20				0.62
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Jul	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Azatin EC	oz											14.0000	5.21	72.94	72.94
Hand Weeding Swt.Pot	acre			1.00	Jul							1.0000	20.00	20.00	20.00
Disc Mower	10' Ft	2WD 75 hp	0.206	1.00	Aug	2.04	1.37	1.17	1.53	0.20	2.11				8.22
Stalk Shredder-Flail	15 ft	2WD 75 hp	0.110	1.00	Sep	1.10	0.74	0.36	1.27	0.11	1.13				4.60
Trailer-Sweet Potato	16 ft	2WD 75 hp	0.598	1.00	Sep	5.92	3.97	4.65	10.04	0.59	6.11				30.69
SWEET POTATO LABOR	hour									1.00	10.00				10.00
Truck	1/2 ton		2.310	1.00	Sep	10.60	13.65			2.31	23.59				47.84
Truck	1 ton +		1.730	1.00	Sep	4.12	17.73			1.73	17.66				39.51
Harvester,Swt.Potato	2-Row	MFWD 170	1.011	1.00	Sep	24.19	27.70	5.88	11.54	7.07	60.55				129.86
SWEET POTATO LABOR	hour									30.00	300.00				300.00
Bin Repair	each											2.0000	60.00	120.00	120.00
Custom Skid Loader				1.00	Sep										
SKID LOADER LABOR-2	hour									2.18	45.78				45.78
Custom Skid Loader-2	acre											1.0000	13.63	13.63	13.63
Fuel Skid Loader (2)	acre											1.0000	9.64	9.64	9.64
Fork Lift			2.220	1.00	Sep	5.73	9.19			2.22	22.67				37.59
Custom Haul Swt. Pot	acre			1.00	Sep							1.0000	70.00	70.00	70.00
Storage Sweetpotato	cwt			1.00	Sep							112.0000	2.00	224.00	224.00
Clean, grade, pack	box			1.00	Sep							330.0000	2.00	660.00	660.00
Box Sweetpotato	each											330.0000	1.26	415.80	415.80

Broker Sweetpotato box	1.00	Sep						330.0000	1.00	330.00	330.00
			-----	-----	-----	-----	-----			-----	-----
TOTALS			115.09	115.46	49.63	126.44	58.60	594.47		2460.20	3461.29
INTEREST ON OPERATING CAPITAL											46.76
UNALLOCATED LABOR											29.79
TOTAL SPECIFIED COST											3537.84

Note: Cost of production estimates are based on 2007 input prices.

Table 37.A Estimated resource use and costs for field operations, per acre
 Organic - Tomatoes, fresh market, irrigated
 6 ft row spacing, 16 gpm with 7,260 ft of drip tape, Georgia, 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-----			
Lime (Spread)	ton			0.33	Feb							0.3300	40.00	13.20	13.20
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.18	1.46	0.53	1.18	0.22	2.25				7.60
Manure spreader	50bu	2WD 75 hp	1.000	1.00	Feb	9.88	6.63	0.11	1.62	1.00	10.21				28.45
Chicken Litter	ton											1.0000	9.33	9.33	9.33
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Mar	3.92	2.63	1.16	3.07	0.39	4.05				14.83
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Mar	1.96	1.32	0.58	1.53	0.19	2.02				7.41
BS.lay/tape/Tomato	6ftctr	2WD 75 hp	1.078	1.00	Mar	10.66	7.15	2.03	7.53	1.07	11.01				38.38
Plastic Mulch	roll											1.8000	162.00	291.60	291.60
Drip Tape	roll											1.2000	156.00	187.20	187.20
Plntr/H2O Tomato	1R 6ftcrt	2WD 75 hp	1.718	1.00	Apr	16.98	11.40	2.09	4.51	6.87	60.24				95.22
PLANTING LABOR	hour									30.00	248.40				248.40
Tomato Plts -Organic	thous											4.4000	52.01	228.84	228.84
Liquid Fish Fert.	gal											11.0000	15.61	171.71	171.71
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Azatin EC	oz											14.0000	5.21	72.94	72.94
Irrigation				1.00	Apr										
Rural Water	ac-in											6.0000	75.01	450.06	450.06
Fertigation				1.00	Apr										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											11.0000	15.61	171.71	171.71
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	2.00	Apr	4.85	3.26	19.67	44.25	0.49	5.01				77.04
Neem Oil	pt											2.0000	5.27	10.54	10.54
Azatin EC	oz											28.0000	5.21	145.88	145.88
Fertigation				1.00	Apr										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											11.0000	15.61	171.71	171.71
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Pyrethrins	oz											16.0000	3.12	49.92	49.92
Neem Oil	pt											1.0000	5.27	5.27	5.27
Fertigation				2.00	Apr										
FERTIGATION LABOR	hour									2.00	16.56				16.56
Liquid Fish Fert.	gal											22.0000	15.61	343.42	343.42
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	2.00	May	4.85	3.26	19.67	44.25	0.49	5.01				77.04
Pyrethrins	oz											32.0000	3.12	99.84	99.84
Neem Oil	pt											2.0000	5.27	10.54	10.54
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	2.00	May	4.85	3.26	19.67	44.25	0.49	5.01				77.04
Azatin EC	oz											28.0000	5.21	145.88	145.88
Neem Oil	pt											2.0000	5.27	10.54	10.54
Fertigation				1.00	May										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											11.0000	15.61	171.71	171.71
HAND & STOR LABOR	hour			1.00	May					10.00	82.80				82.80

Wood Stakes	100													44.0000	15.00	660.00	660.00
Plastic string	6000ft													4.0000	8.00	32.00	32.00
Fertigation					3.00	May											
FERTIGATION LABOR	hour										3.00	24.84					24.84
Liquid Fish Fert.	gal													33.0000	15.61	515.13	515.13
Sucker Control					1.00	Jun											
HAND LABOR	hour										5.00	41.40					41.40
Fertigation					1.00	Jun											
FERTIGATION LABOR	hour										1.00	8.28					8.28
Liquid Fish Fert.	gal													11.0000	15.61	171.71	171.71
Sprayer Air Blast	16' 100 ga	2WD	75 hp	0.245	1.00	Jun	2.43	1.63	9.83	22.12	0.24	2.51					38.52
Azatin EC	oz													14.0000	5.21	72.94	72.94
Neem Oil	pt													1.0000	5.27	5.27	5.27
Fertigation					3.00	Jun											
FERTIGATION LABOR	hour										3.00	24.84					24.84
Liquid Fish Fert.	gal													33.0000	15.61	515.13	515.13
Sprayer Air Blast	16' 100 ga	2WD	75 hp	0.245	1.00	Jul	2.43	1.63	9.83	22.12	0.24	2.51					38.52
Azatin EC	oz													14.0000	5.21	72.94	72.94
Trailer - Vegetables	16 ft	2WD	75 hp	0.090	1.00	Jul	0.89	0.60	0.04	0.09	0.18	1.67					3.29
CustomHarvest Tomato	box				1.00	Jul								1600.0000	1.00	1600.00	1600.00
5-Gal Bucket	each													200.0000	3.00	600.00	600.00
GRADE & PACK LABOR	hour				1.00	Jul					320.00	2649.60					2649.60
Box Tomato	box													1600.0000	1.49	2384.00	2384.00
Mulch Lifter	1 Row	2WD	75 hp	0.589	1.00	Jul	5.82	3.91	0.11	3.03	0.58	6.02					18.89
LABOR MULCH CLEANUP	hour											15.00	124.20				124.20
Irrigation Setup	acre					Apr								1.0000			467.23
							-----	-----	-----	-----	-----	-----				-----	-----
TOTALS							76.56	51.40	104.98	243.79	404.99	3368.30				9390.96	13703.22
INTEREST ON OPERATING CAPITAL																	193.45
UNALLOCATED LABOR																	15.79
TOTAL SPECIFIED COST																	13912.46

Note: Cost of production estimates are based on 2007 input prices.

Table 38.A Estimated resource use and costs for field operations, per acre
 Organic - Watermelons, irrigated
 8 ft row spacing, 12 gpm with 5,445 ft of drip tapGeorgia, 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-----			
Lime (Spread)	ton			1.00	Jan							1.5000	40.00	60.00	60.00
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.18	1.46	0.53	1.18	0.22	2.25				7.60
Manure spreader	50bu	2WD 75 hp	1.000	1.00	Feb	9.88	6.63	0.11	1.62	1.00	10.21				28.45
Chicken Litter	ton											1.0000	9.33	9.33	9.33
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Feb	1.96	1.32	0.58	1.53	0.19	2.02				7.41
BS.lay/tape/Melon	8ftctr	2WD 75 hp	0.808	1.00	Mar	8.00	5.36	2.06	7.62	0.80	8.26				31.30
Plastic Mulch	roll											1.4000	162.00	226.80	226.80
Drip Tape	roll											0.9000	156.00	140.40	140.40
Plntr/H2O Melon	1R 8ftctr	2WD 75 hp	0.645	1.00	Mar	6.37	4.28	1.06	2.27	2.58	22.62				36.60
Watermelon - Organic	lbs											1.8000	55.96	100.73	100.73
Irrigation				1.00	Mar										
Rural Water	ac-in											6.0000	75.01	450.06	450.06
Fertigation				1.00	Mar										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											33.0000	15.61	515.13	515.13
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Neem Oil	pt											1.0000	5.27	5.27	5.27
Fertigation				1.00	Apr										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											33.0000	15.61	515.13	515.13
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Apr	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Dipel ES	pt											1.0000	4.04	4.04	4.04
Fertigation				4.00	Apr										
FERTIGATION LABOR	hour									4.00	33.12				33.12
Liquid Fish Fert.	gal											132.0000	15.61	2060.52	2060.52
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	May	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Neem Oil	pt											1.0000	5.27	5.27	5.27
Fertigation				1.00	May										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											33.0000	15.61	515.13	515.13
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	May	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Neem Oil	pt											1.0000	5.27	5.27	5.27
Fertigation				1.00	May										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											33.0000	15.61	515.13	515.13
Fertigation				1.00	Jun										
FERTIGATION LABOR	hour									1.00	8.28				8.28
Liquid Fish Fert.	gal											33.0000	15.61	515.13	515.13
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0.245	1.00	Jun	2.43	1.63	9.83	22.12	0.24	2.51				38.52
Azatin EC	oz											14.0000	5.21	72.94	72.94
Trailer - Vegetables	16ft	2WD 75 hp	0.090	4.00	Jun	3.56	2.39	0.17	0.36	0.72	6.66				13.14
Harvest Labor Melons	cwt			1.00	Jun							200.0000	2.00	400.00	400.00

Pallet Crates-1000lb each											20.0000	12.00	240.00	240.00	
Plastic Clean Up			1.00	Jun											
Mulch Lifter	1 Row	2WD 75 hp	0.589			5.82	3.91	0.11	3.03	0.58	6.02				18.89
LABOR MULCH CLEANUP	hour									15.00	124.20				124.20
Irrigation Setup	acre			Mar								1.0000			459.10
						-----	-----	-----	-----	-----	-----			-----	-----
TOTALS						49.92	33.50	53.77	128.21	31.34	269.31			6356.28	7350.09
INTEREST ON OPERATING CAPITAL															131.89
UNALLOCATED LABOR															10.30
TOTAL SPECIFIED COST															7492.28

Note: Cost of production estimates are based on 2007 input prices.