

Table 1.A Estimated resource use and costs for field operations, per acre
 Bell pepper, fresh market (wholesale), irrigated
 5 ft spacing with 20gpm with 8712 ft of drip tape,Tennessee, 2006

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	26.00	8.58	8.58
Disk Harrow	14 Ft	2WD 75 hp	0.141	1.00	Sep	1.35	0.87	0.55	1.32	0.14	1.45				5.54
Disk Harrow	14 Ft	2WD 75 hp	0.141	1.00	Oct	1.35	0.87	0.55	1.32	0.14	1.45				5.54
Cyclone Spin	825 Lb	2WD 75 hp	0.084	1.00	Oct	0.80	0.51	0.05	0.19	0.08	0.86				2.41
Fert 13-13-13	cwt											9.0000	12.00	108.00	108.00
Disk Bed	4-Row	2WD 75 hp	0.140	2.00	Oct	2.68	1.72	0.33	1.01	0.28	2.90				8.64
BS, L,T,Fung BPepper	6ftctr	2WD 75 hp	1.078	1.00	Oct	10.24	6.59	2.90	9.64	4.31	31.92				61.29
Plastic Mulch 5ft	4000ft											3.0000	120.00	360.00	360.00
Mythl Bromide 67/33	lb											200.0000	2.75	550.00	550.00
Drip Tape (6000Ft)	Roll											2.0000	138.00	276.00	276.00
Spray (Broadcast)	27'	2WD 50 hp	0.062	0.50	Nov	0.20	0.13	0.07	0.10	0.04	0.42				0.92
Goal 2XL	pt											1.2500	11.23	14.04	14.04
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Mar	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Gramoxone Max	pt											2.0000	4.65	9.30	9.30
Trailer utility	10 ft	2WD 50 hp	0.600	1.00	Mar	3.79	2.40	0.07	0.26	0.60	6.16				12.68
Pepper Plants	100plt											170.0000	7.70	1309.00	1309.00
Contract Plt BPepper	1000pl											17.0000	12.50	212.50	212.50
Irrigation				1.00	Mar										
Cost of Water	6" ac											1.0000	408.00	408.00	408.00
Irri. Setup 5' 20gpm	8712ft											1.0000	412.00	412.00	412.00
Fertigation				2.00	Mar										
Fertigation Labor	hour									5.00	32.20				32.20
Calcium Nitrate	lb											100.0000	0.35	35.00	35.00
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Apr	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Orthene 90 WSP	lb											0.6700	9.56	6.41	6.41
Kocide DF	lb											2.0000	2.42	4.84	4.84
Manzate 75 DF	lb											1.0000	2.50	2.50	2.50
Fertigation				2.00	Apr										
Fertigation Labor	hour									5.00	32.20				32.20
Calcium Nitrate	lb											100.0000	0.35	35.00	35.00
Trailer utility	10 ft	2WD 50 hp	0.600	1.00	Apr	3.79	2.40	0.07	0.26	0.60	6.16				12.68
Hand Labor	hour									15.00	96.60				96.60
Wood Stakes	100											36.0000	15.00	540.00	540.00
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Apr	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Manzate 75 DF	lb											1.0000	2.50	2.50	2.50
Kocide DF	lb											2.0000	2.42	4.84	4.84
Fertigation				2.00	Apr										
Fertigation Labor	hour									5.00	32.20				32.20
Calcium Nitrate	lb											100.0000	0.35	35.00	35.00
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	May	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Manzate 75 DF	lb											1.0000	2.50	2.50	2.50
Kocide DF	lb											2.0000	2.42	4.84	4.84

Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	May	1.84	1.19	0.38	1.16	0.29	2.61				7.18
Gramoxone Max	pt											1.5000	4.65	6.98	6.98
Fertigation				2.00	May										
Fertigation Labor	hour									5.00	32.20				32.20
Calcium Nitrate	lb											100.0000	0.35	35.00	35.00
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	May	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Ridomil Gold EC	oz											16.0000	5.79	92.64	92.64
1st Tieing DB String				1.00	May										
Hand Labor	hour									8.00	51.52				51.52
Plastic string	6000ft											7.0000	8.00	56.00	56.00
Fertigation				2.00	May										
Fertigation Labor	hour									5.00	32.20				32.20
Calcium Nitrate	lb											100.0000	0.35	35.00	35.00
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	May	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Lannate LV	pt											1.0000	6.90	6.90	6.90
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	May	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Ambush 2E	pt											0.5000	14.38	7.19	7.19
2nd Tieing DB String				1.00	Jun										
Hand Labor	hour									5.00	32.20				32.20
Plastic string	6000ft											5.0000	8.00	40.00	40.00
Cultivate	4-Row	2WD 75 hp	0.193	1.00	Jun	1.84	1.19	0.63	1.90	0.19	1.99				7.55
Trailer utility	10 ft	2WD 50 hp	0.600	1.00	Jun	3.79	2.40	0.07	0.26	0.60	6.16				12.68
Hand Labor	hour									8.00	51.52				51.52
Harvest Labor Pepper	bu											1800.0000	0.70	1260.00	1260.00
15g tub Bell Pepper	each											30.0000	7.50	225.00	225.00
Bin Vegetable	each											8.0000	50.00	400.00	400.00
Pack Line B. Peppers				1.00	Jun										
Grade & Pack Labor	hour									80.00	515.20				515.20
Boxes-Waxed	each											1800.0000	0.99	1782.00	1782.00
Rotary Cutter	7 ft	2WD 75 hp	0.169	1.00	Jul	1.61	1.04	0.48	0.39	0.16	1.74				5.26
Take up Reel (Mulch	1 Row	2WD 75 hp	0.588	1.00	Jul	5.58	3.60	0.71	3.13	0.58	6.04				19.06
Hand Labor	hour									12.00	77.28				77.28
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Jul	1.89	1.21	0.51	1.22	0.19	2.04				6.87
Southern Peas-OP	lb											33.0000	2.00	66.00	66.00
TOTALS						43.55	27.87	8.42	23.56	161.90	1063.10			8353.56	9520.06
INTEREST ON OPERATING CAPITAL															227.79
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															9747.85

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

Table 2.A Estimated resource use and costs for field operations, per acre
 Broccoli - fall, fresh market
 Tennessee, 2006

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	Jul							0.4950	26.00	12.87	12.87
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Aug	2.10	1.35	0.42	0.84	0.22	2.26				6.97
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Aug	3.76	2.43	1.01	2.45	0.39	4.07				13.72
Cyclone Spin	825 Lb	2WD 75 hp	0.084	1.00	Aug	0.80	0.51	0.05	0.19	0.08	0.86				2.41
Fert 13-13-13	cwt											8.0000	12.00	96.00	96.00
Disk + Incorporate	10 Ft	2WD 75 hp	0.206	1.00	Aug	1.96	1.26	0.88	1.78	0.30	2.78				8.66
Treflan HFP	pt											1.5000	2.87	4.31	4.31
Goal 2XL	pt											1.0000	11.23	11.23	11.23
Plntr/H2O Wheel	2 Row	2WD 75 hp	1.473	1.00	Aug	13.99	9.01	3.79	7.27	8.83	62.57				96.63
Planting Labor	hour									30.00	193.20				193.20
Broccoli - Hybrid	thou											18.0000	34.15	614.70	614.70
Cult + Apply Ins	2-Row	2WD 75 hp	0.390	1.00	Aug	3.71	2.39	0.68	2.05	0.58	5.27				14.10
Bravo Weather Stick	pt											1.5000	5.58	8.37	8.37
Diazinon 50W	lb.											1.0000	4.40	4.40	4.40
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Sep	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Bravo Weather Stick	pt											1.5000	5.58	8.37	8.37
Dipel ES	pt											1.0000	4.47	4.47	4.47
Cultivate+Sidedress	2-Row	2WD 75 hp	0.390	1.00	Sep	3.71	2.39	0.74	4.08	0.58	5.27				16.19
Amm Nitrate (34%)	cwt											2.3000	13.00	29.90	29.90
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Sep	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Diazinon 50W	lb.											1.0000	4.40	4.40	4.40
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	4.00	Sep	9.34	6.01	37.17	75.24	0.98	10.09				137.85
Bravo Weather Stick	pt											6.0000	5.58	33.48	33.48
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Oct	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Dipel ES	pt											1.0000	4.47	4.47	4.47
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Oct	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Diazinon 50W	lb.											1.0000	4.40	4.40	4.40
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	1.00	Nov	0.85	0.55	0.04	0.07	0.18	1.50				3.01
Harvest & Pack Labor	hour			1.00	Nov					125.00	805.00				805.00
Boxes-Waxed	each											300.0000	0.99	297.00	297.00
Ice + Cooling	box											300.0000	0.75	225.00	225.00
TOTALS						49.54	31.90	81.94	169.21	168.16	1102.95			1363.37	2798.91
INTEREST ON OPERATING CAPITAL															35.97
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2834.88

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

UNALLOCATED LABOR

0.00

TOTAL SPECIFIED COST

4667.00

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

Fertigation Labor	hour										1.00	6.44					6.44
Calcium Nitrate	lbs													25.0000	0.35	8.75	8.75
Fertigation						1.00	Jun										
Fertigation Labor	hour											1.00	6.44				6.44
Calcium Nitrate	lbs													25.0000	0.35	8.75	8.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Jun	2.33	1.50	9.29	18.81	0.24	2.52						34.45
Asana XL	oz													6.0000	0.71	4.26	4.26
Dithane Rainshield	lb													2.0000	2.67	5.34	5.34
Fertigation						1.00	Jun										
Fertigation Labor	hour											1.00	6.44				6.44
Calcium Nitrate	lbs													25.0000	0.35	8.75	8.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Jun	2.33	1.50	9.29	18.81	0.24	2.52						34.45
Endosulfan 3EC	pt													2.0000	3.56	7.12	7.12
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	1.00	Jun	0.85	0.55	0.04	0.07	0.18	1.50						3.01
Harvest Labor	hour											120.00	772.80				772.80
5-Gal Bucket	each													200.0000	1.00	200.00	200.00
Labor(Packing)	each													300.0000	0.75	225.00	225.00
Plastic Clean Up						1.00	Jun										
Mulch Lifter	1 Row	2WD 75 hp	0.589				5.60	3.60	0.11	2.60	0.58	6.05					17.96
Labor Clean up	acre													1.0000	100.00	100.00	100.00
							-----	-----	-----	-----	-----	-----					-----
TOTALS							69.38	44.64	70.91	148.45	143.23	950.35				2778.99	4062.72
INTEREST ON OPERATING CAPITAL																	51.07
UNALLOCATED LABOR																	0.00
TOTAL SPECIFIED COST																	4113.79

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

Table 5.A Estimated resource use and costs for field operations, per acre
 Greens (turnip, mustard, collards), fresh market
 Tennessee, 2006

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	26.00	12.87	12.87
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Aug	2.10	1.35	0.42	0.84	0.22	2.26				6.97
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Aug	3.76	2.43	1.01	2.45	0.39	4.07				13.72
Cyclone Spin	825 Lb	2WD 75 hp	0.084	1.00	Aug	0.80	0.51	0.05	0.19	0.08	0.86				2.41
Fert 13-13-13	cwt											6.0000	12.00	72.00	72.00
Disk + Incorporate	10 Ft	2WD 75 hp	0.206	1.00	Aug	1.96	1.26	0.88	1.78	0.30	2.78				8.66
Treflan HFP	pt											1.5000	2.87	4.31	4.31
Cultipacker	12 Ft	2WD 75 hp	0.124	1.00	Aug	1.18	0.76	0.10	0.15	0.12	1.28				3.47
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Sep	3.76	2.43	6.48	12.24	0.39	4.07				28.98
Greens - Hybrid	lb											3.3000	68.00	224.40	224.40
Cyclone Spin	825 Lb	2WD 75 hp	0.084	1.00	Sep	0.80	0.51	0.05	0.19	0.08	0.86				2.41
Amm Nitrate (34%)	cwt											1.0000	13.00	13.00	13.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	3.00	Sep	7.00	4.50	27.88	56.43	0.73	7.57				103.38
Kocide DF	lb											6.0000	2.42	14.52	14.52
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Sep	4.67	3.00	18.59	37.62	0.49	5.04				68.92
Malathion 5E	pt											4.0000	3.06	12.24	12.24
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Oct	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Dipel ES	pt											1.0000	4.47	4.47	4.47
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	0.85	0.55	0.04	0.07	0.18	1.50				3.01
Harvest & Pack Labor	hour			1.00	Oct					175.00	1127.00				1127.00
Boxes-Waxed	each			1.00	Oct							500.0000	0.99	495.00	495.00
Cooling Box - Greens Box												500.0000	0.25	125.00	125.00
TOTALS						29.21	18.80	64.79	130.77	178.26	1159.81			1017.81	2421.19
INTEREST ON OPERATING CAPITAL															17.13
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2438.32

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

Table 6.A Estimated resource use and costs for field operations, per acre
 Lima / butter beans - hand harvest
 Tennessee, 2006

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	26.00	12.87	12.87
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Jan	2.10	1.35	0.42	0.84	0.22	2.26				6.97
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Mar	1.89	1.21	0.51	1.22	0.19	2.04				6.87
Disk Bed +App Fert	4-Row	2WD 75 hp	0.141	1.00	Mar	1.34	0.86	0.41	1.22	0.21	1.90				5.73
Amm Nitrate (34%)	cwt											1.5000	13.00	19.50	19.50
Phosphorus(46% P205)	cwt											1.5600	14.00	21.84	21.84
Potash (60% K20)	cwt											1.2000	13.00	15.60	15.60
Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	Apr	1.84	1.19	0.38	1.16	0.29	2.61				7.18
Dual Magnum	pt											1.0000	12.56	12.56	12.56
Diazinon 50W	lb.											1.0000	4.40	4.40	4.40
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Apr	3.76	2.43	6.48	12.24	0.39	4.07				28.98
Lima Bean-Hybrid	lb											30.0000	25.00	750.00	750.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	May	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Sevin XLR Plus	qt											1.0000	7.51	7.51	7.51
Cultivate+Sidedress	4-Row	2WD 75 hp	0.193	1.00	May	1.84	1.19	1.34	7.37	0.29	2.61				14.35
Amm Nitrate (34%)	cwt											1.0000	13.00	13.00	13.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	4.00	May	9.34	6.01	37.17	75.24	0.98	10.09				137.85
Kocide DF	lb											8.8000	2.42	21.30	21.30
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	May	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Sevin XLR Plus	qt											2.0000	7.51	15.02	15.02
Harvest Labor	hour			1.00	Jun					136.00	875.84				875.84
5-Gal Bucket	each											40.0000	1.00	40.00	40.00
Sheller Lima Beans	each			1.00	Jun				6.57			0.0200			6.57
Application 1	acre							0.22		9.00	57.96	1.0000			58.18
R.B.Convey LimaBeans	each			1.00	Jun				3.27			0.0200			3.27
Rot.PakTable L-Beans	each			1.00	Jun				2.75			0.0200			2.75
Application 1	acre							0.12		5.00	32.20	1.0000			32.32
Bag Sealer LimaBeans	each			1.00	Jun				0.80			0.0200			0.80
Application 1	acre							0.49		0.12	0.77	1.0000			1.26
TOTALS						26.77	17.24	66.12	150.30	153.20	997.39			933.60	2191.42
INTEREST ON OPERATING CAPITAL															23.50
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2214.92

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

Table 7.A Estimated resource use and costs for field operations, per acre
 Lima / butter beans - mechanical harvest
 Tennessee, 2006

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	26.00	12.87	12.87
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Jan	2.10	1.35	0.42	0.84	0.22	2.26				6.97
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Mar	1.89	1.21	0.51	1.22	0.19	2.04				6.87
Disk Bed +App Fert	4-Row	2WD 75 hp	0.141	1.00	Mar	1.34	0.86	0.41	1.22	0.21	1.90				5.73
Amm Nitrate (34%)	cwt											1.5000	13.00	19.50	19.50
Phosphorus(46% P205)	cwt											1.5600	14.00	21.84	21.84
Potash (60% K20)	cwt											1.2000	13.00	15.60	15.60
Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	Apr	1.84	1.19	0.38	1.16	0.29	2.61				7.18
Dual Magnum	pt											1.0000	12.56	12.56	12.56
Diazinon 50W	lb.											1.0000	4.40	4.40	4.40
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Apr	3.76	2.43	6.48	12.24	0.39	4.07				28.98
Lima Bean-Hybrid	lb											30.0000	25.00	750.00	750.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	May	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Sevin XLR Plus	qt											1.0000	7.51	7.51	7.51
Cultivate+Sidedress	4-Row	2WD 75 hp	0.193	1.00	May	1.84	1.19	1.34	7.37	0.29	2.61				14.35
Amm Nitrate (34%)	cwt											1.0000	13.00	13.00	13.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	4.00	May	9.34	6.01	37.17	75.24	0.98	10.09				137.85
Kocide DF	lb											8.8000	2.42	21.30	21.30
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	May	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Sevin XLR Plus	qt											2.0000	7.51	15.02	15.02
Picker Beans/Peas	1 Row	2WD 75 hp	3.571	1.00	Jun	33.94	21.84	37.29	37.29	10.71	82.68				213.04
Trailer-Lima/B. Bean	16 ft	2WD 75 hp	3.571	1.00	Jun	33.94	21.84	1.60	3.11	7.14	59.68				120.17
Labor Bean Trailer	hour														23.06
Sheller Lima Beans	each			1.00	Jun				6.57			0.0200			6.57
Application 1	acre							0.22		9.00	57.96	1.0000			58.18
R.B.Convey LimaBeans	each			1.00	Jun				3.27			0.0200			3.27
Rot.PakTable L-Beans	each			1.00	Jun				2.75			0.0200			2.75
Application 1	acre							0.12		5.00	32.20	1.0000			32.32
Bag Sealer LimaBeans	each			1.00	Jun				0.80			0.0200			0.80
Application 1	acre							0.49		0.12	0.77	1.0000			1.26
TOTALS						94.65	60.92	105.01	190.70	38.63	286.97			893.60	1631.85
INTEREST ON OPERATING CAPITAL															19.75
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1651.60

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

Table 8.A Estimated resource use and costs for field operations, per acre
Okra, fresh market
Tennessee, 2006

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	Mar							0.4950	26.00	12.87	12.87
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Mar	2.10	1.35	0.42	0.84	0.22	2.26				6.97
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Mar	3.76	2.43	1.01	2.45	0.39	4.07				13.72
Disk Bed +App Fert	4-Row	2WD 75 hp	0.141	1.00	Apr	1.34	0.86	0.41	1.22	0.21	1.90				5.73
Amm Nitrate (34%)	cwt											0.7000	13.00	9.10	9.10
Phosphorus(46% P205)	cwt											1.5600	14.00	21.84	21.84
Potash (60% K20)	cwt											1.2000	13.00	15.60	15.60
Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	Apr	1.84	1.19	0.38	1.16	0.29	2.61				7.18
Treflan HFP	pt											1.5000	2.87	4.31	4.31
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Apr	3.76	2.43	6.48	12.24	0.39	4.07				28.98
Okra-Hybrid	lb											8.8000	146.00	1284.80	1284.80
Cultivate+Sidedress	2-Row	2WD 75 hp	0.390	1.00	Apr	3.71	2.39	0.74	4.08	0.58	5.27				16.19
Amm Nitrate (34%)	cwt											1.0000	13.00	13.00	13.00
Cultivate	2-Row	2WD 75 hp	0.390	2.00	May	7.43	4.78	0.29	1.57	0.78	8.02				22.09
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	May	4.67	3.00	18.59	37.62	0.49	5.04				68.92
Sevin XLR Plus	qt											4.0000	7.51	30.04	30.04
Cultivate+Sidedress	2-Row	2WD 75 hp	0.390	1.00	May	3.71	2.39	0.74	4.08	0.58	5.27				16.19
Amm Nitrate (34%)	cwt											1.0000	13.00	13.00	13.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	3.00	Jun	7.00	4.50	27.88	56.43	0.73	7.57				103.38
Sevin XLR Plus	qt											6.0000	7.51	45.06	45.06
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	12.00	Jun	10.26	6.60	0.43	0.84	2.16	18.05				36.18
Harvest Labor	hour			1.00	Jun					300.00	1932.00				1932.00
5-Gal Bucket	each											200.0000	1.00	200.00	200.00
Grade & Pack Labor	hour			1.00	Jun					30.00	193.20				193.20
Boxes-Waxed	each											400.0000	0.99	396.00	396.00
TOTALS						49.58	31.92	57.37	122.53	336.85	2189.33			2045.62	4496.35
INTEREST ON OPERATING CAPITAL															42.46
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															4538.81

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

Table 9.A Estimated resource use and costs for field operations, per acre
Pumpkin, wholesale/freshmarket, irrigated
8 ft spacing with 12gpm with 5445 ft of drip tape,Tennessee, 2006

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	May							0.1633	26.00	4.25	4.25
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	May	2.10	1.35	0.42	0.84	0.22	2.26				6.97
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Jun	3.76	2.43	1.01	2.45	0.39	4.07				13.72
Disk Bed +App Fert	4-Row	2WD 75 hp	0.141	1.00	Jun	1.34	0.86	0.41	1.22	0.21	1.90				5.73
Fert 13-13-13	cwt											9.0000	12.00	108.00	108.00
BS. lay/tape/Pumpkin	8ftctr	2WD 75 hp	0.080	1.00	Jun	0.77	0.49	0.19	0.64	0.08	0.83				2.92
Plastic Mulch 5ft	4000ft											3.0000	120.00	360.00	360.00
Drip Tape (6000Ft)	Roll											2.0000	138.00	276.00	276.00
Plntr/H2O/pnch/seed	1Row	2WD 75 hp	2.578	1.00	Jul	24.49	15.77	5.29	10.14	5.15	43.08				98.77
Pumpkin Seed Hybrid	lb											1.5000	74.00	111.00	111.00
Irrigation				1.00	Jul										
Cost of Water	6" ac											1.0000	408.00	408.00	408.00
Irri. Setup 8' 12gpm	5445ft											1.0000	403.00	403.00	403.00
Fertigation				1.00	Jul										
Hand Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Jul	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Asana XL	oz											6.0000	0.71	4.26	4.26
Fertigation				1.00	Jul										
Hand Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Jul	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Endosulfan 3EC	pt											2.6600	3.56	9.47	9.47
Fertigation				1.00	Jul										
Hand Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Aug	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Quadris	oz											11.0000	2.23	24.53	24.53
Bravo Weather Stick	pt											2.0000	5.58	11.16	11.16
Fertigation				1.00	Aug										
Hand Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Fertigation				1.00	Aug										
Hand Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Fertigation				1.00	Aug										
Hand Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Aug	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Bravo Weather Stick	pt											2.0000	5.58	11.16	11.16
Fertigation				1.00	Sep										
Hand Labor	hour									1.00	6.44				6.44

Calcium Nitrate	lbs												25.0000	0.35	8.75	8.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Sep	2.33	1.50	9.29	18.81	0.24	2.52					34.45
Asana XL	oz												12.0000	0.71	8.52	8.52
Endosulfan 3EC	pt												2.6600	3.56	9.47	9.47
Fertigation				1.00	Sep											
Hand Labor	hour									1.00	6.44					6.44
Calcium Nitrate	lbs												25.0000	0.35	8.75	8.75
Fertigation				1.00	Sep											
Hand Labor	hour									1.00	6.44					6.44
Calcium Nitrate	lbs												25.0000	0.35	8.75	8.75
Fertigation				1.00	Sep											
Hand Labor	hour									1.00	6.44					6.44
Calcium Nitrate	lbs												25.0000	0.35	8.75	8.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Sep	2.33	1.50	9.29	18.81	0.24	2.52					34.45
Asana XL	oz												12.0000	0.71	8.52	8.52
Quadris	oz												11.0000	2.23	24.53	24.53
Fertigation				1.00	Oct											
Hand Labor	hour									1.00	6.44					6.44
Calcium Nitrate	lbs												25.0000	0.35	8.75	8.75
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	3.00	Oct	2.56	1.65	0.11	0.21	0.54	4.51					9.04
Harvest Labor	hour									90.00	579.60					579.60
Pallet Crates-1000lb each													123.0000	10.00	1230.00	1230.00
Mulch Lifter	1 Row	2WD 75 hp	0.589	1.00	Nov	5.60	3.60	0.11	2.60	0.58	6.05					17.96
Labor Mulch Cleanup	hour									15.00	96.60					96.60
						-----	-----	-----	-----	-----	-----				-----	-----
TOTALS						54.60	35.15	63.28	130.96	124.66	824.86				3108.12	4216.97
INTEREST ON OPERATING CAPITAL																85.74
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																4302.71

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

Table 10.A Estimated resource use and costs for field operations, per acre
 Snap beans, fresh market - hand harvest
 Tennessee, 2006

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	26.00	12.87	12.87
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.10	1.35	0.42	0.84	0.22	2.26				6.97
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Feb	3.76	2.43	1.01	2.45	0.39	4.07				13.72
Disk Bed +App Fert	4-Row	2WD 75 hp	0.141	1.00	Feb	1.34	0.86	0.41	1.22	0.21	1.90				5.73
Fert 13-13-13	cwt											6.0000	12.00	72.00	72.00
Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	Feb	1.84	1.19	0.38	1.16	0.29	2.61				7.18
Dual Magnum	pt											1.0000	12.56	12.56	12.56
Ridomil Gold MZ	lb											1.0000	11.84	11.84	11.84
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Mar	3.76	2.43	6.48	12.24	0.39	4.07				28.98
Snap Beans - Hybrid	lb											70.0000	6.00	420.00	420.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Mar	4.67	3.00	18.59	37.62	0.49	5.04				68.92
Bravo Weather Stick	pt											12.0000	5.58	66.96	66.96
Nova 40W	oz											16.0000	4.14	66.24	66.24
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Apr	4.67	3.00	18.59	37.62	0.49	5.04				68.92
Basic Copper Sulfate	lb											6.0000	1.21	7.26	7.26
Cultivate+Sidedress	2-Row	2WD 75 hp	0.390	1.00	Apr	3.71	2.39	0.74	4.08	0.58	5.27				16.19
Amm Nitrate (34%)	cwt											0.7500	13.00	9.75	9.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Apr	4.67	3.00	18.59	37.62	0.49	5.04				68.92
Sevin XLR Plus	qt											2.0000	7.51	15.02	15.02
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	1.00	May	0.85	0.55	0.04	0.07	0.18	1.50				3.01
Harvest Labor	hour			1.00	May					150.00	966.00				966.00
Bushel Box	each			1.00	May							200.0000	0.99	198.00	198.00
Load Conveyor S Bean				1.00	May										
Grad Labor S. Beans	hour									20.00	128.80				128.80
Cooling Snap Beans	Bu Box			1.00	May							200.0000	0.75	150.00	150.00
R.B.ConveySnapBeans	each			1.00	May				3.27			0.0200			3.27
Application 1	bu							76.78		40.00	257.60	200.0000			334.38
Rot.Pk Table S Beans	each			1.00	May				2.75			0.0200			2.75
Application 1	bu							6.08		2.00	12.88	200.0000			18.96
TOTALS						31.37	20.20	148.11	140.94	215.75	1402.08			1042.50	2785.20
INTEREST ON OPERATING CAPITAL															25.14
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2810.34

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

Table 11.A Estimated resource use and costs for field operations, per acre
 Snap beans, fresh market - mechanical harvest
 Tennessee, 2006

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-----			
Custom Apply Fert	acre			0.33	Feb							0.4950	7.00	3.47	3.47
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.10	1.35	0.42	0.84	0.22	2.26				6.97
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Feb	3.76	2.43	1.01	2.45	0.39	4.07				13.72
Disk Bed +App Fert	4-Row	2WD 75 hp	0.141	1.00	Feb	1.34	0.86	0.41	1.22	0.21	1.90				5.73
Fert 13-13-13	cwt											6.0000	12.00	72.00	72.00
Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	Feb	1.84	1.19	0.38	1.16	0.29	2.61				7.18
Dual Magnum	pt											1.0000	12.56	12.56	12.56
Ridomil Gold MZ	lb											1.0000	11.84	11.84	11.84
Plntr - Vacuum	2 Row	2WD 75 hp	0.396	1.00	Mar	3.76	2.43	6.48	12.24	0.39	4.07				28.98
Snap Beans - Hybrid	lb											70.0000	6.00	420.00	420.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Mar	4.67	3.00	18.59	37.62	0.49	5.04				68.92
Bravo Weather Stick	pt											12.0000	5.58	66.96	66.96
Nova 40W	oz											16.0000	4.14	66.24	66.24
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Apr	4.67	3.00	18.59	37.62	0.49	5.04				68.92
Basic Copper Sulfate	lb											6.0000	1.21	7.26	7.26
Cultivate+Sidedress	2-Row	2WD 75 hp	0.390	1.00	Apr	3.71	2.39	0.74	4.08	0.58	5.27				16.19
Amm Nitrate (34%)	cwt											0.7500	13.00	9.75	9.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Apr	4.67	3.00	18.59	37.62	0.49	5.04				68.92
Sevin XLR Plus	qt											2.0000	7.51	15.02	15.02
Picker Beans/Peas	1 Row	2WD 75 hp	3.571	1.00	May	33.94	21.84	37.29	37.29	10.71	82.68				213.04
Bushel Box	each											150.0000	0.99	148.50	148.50
Trailer - Snap Bean	16 ft	2WD 75 hp	3.571	1.00	May	33.94	21.84	1.60	3.11	7.14	59.68				120.17
Load Conveyor S Bean				1.00	May										
Grad Labor S. Beans	hour									20.00	128.80				128.80
Cooling Snap Beans	Bu Box			1.00	May							200.0000	0.75	150.00	150.00
R.B.ConveySnapBeans	each			1.00	May				3.27			0.0200			3.27
Application 1	bu							76.78		40.00	257.60	200.0000			334.38
Rot.Pk Table S Beans	each			1.00	May				2.75			0.0200			2.75
Application 1	bu							6.08		2.00	12.88	200.0000			18.96
TOTALS						98.40	63.33	186.96	181.27	83.43	576.94			983.60	2090.50
INTEREST ON OPERATING CAPITAL															20.44
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2110.94

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

Table 12.A Estimated resource use and costs for field operations, per acre
 Southern peas, fresh market - hand harvest
 Tennessee, 2006

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	26.00	12.87	12.87
Sub-Soiler	2 Shank	2WD 75 hp	0.404	1.00	Feb	3.84	2.47	0.73	2.09	0.40	4.15				13.28
Cyclone Spin	825 Lb	2WD 75 hp	0.084	1.00	Feb	0.80	0.51	0.05	0.19	0.08	0.86				2.41
Amm Nitrate (34%)	cwt											0.5000	13.00	6.50	6.50
Phosphorus(46% P205)	cwt											1.5600	14.00	21.84	21.84
Potash (60% K20)	cwt											1.2000	13.00	15.60	15.60
Disk Harrow	14 Ft	2WD 75 hp	0.141	2.00	Mar	2.69	1.73	1.10	2.64	0.28	2.91				11.07
Disk Bed	4-Row	2WD 75 hp	0.140	1.00	Mar	1.34	0.86	0.17	0.50	0.14	1.45				4.32
Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	Apr	1.84	1.19	0.38	1.16	0.29	2.61				7.18
Dual Magnum	pt											1.0000	12.56	12.56	12.56
Plntr - Vacuum	4 Row	2WD 75 hp	0.226	1.00	Apr	2.15	1.39	12.23	23.09	0.22	2.33				41.19
Southern Peas-OP	lb											10.0000	2.00	20.00	20.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Apr	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Diazinon 50W	lb.											1.2500	4.40	5.50	5.50
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	3.00	May	7.00	4.50	27.88	56.43	0.73	7.57				103.38
Endosulfan 3E	pt											15.9480	3.56	56.77	56.77
Cultivate	4-Row	2WD 75 hp	0.193	1.00	May	1.84	1.19	0.63	1.90	0.19	1.99				7.55
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	3.00	May	2.56	1.65	0.11	0.21	0.54	4.51				9.04
Harvest Labor	hour			1.00	May					75.00	483.00				483.00
5-Gal Bucket	each											20.0000	1.00	20.00	20.00
TOTALS						26.39	16.99	52.57	107.02	78.14	513.90			171.64	888.51
INTEREST ON OPERATING CAPITAL															6.25
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															894.76

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

Table 13.A Estimated resource use and costs for field operations, per acre
 Southern peas, fresh market-mechanical harvest
 Tennessee, 2006

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	26.00	12.87	12.87
Sub-Soiler	2 Shank	2WD 75 hp	0.404	1.00	Feb	3.84	2.47	0.73	2.09	0.40	4.15				13.28
Cyclone Spin	825 Lb	2WD 75 hp	0.084	1.00	Feb	0.80	0.51	0.05	0.19	0.08	0.86				2.41
Amm Nitrate (34%)	cwt											0.5000	13.00	6.50	6.50
Phosphorus(46% P205)	cwt											1.5600	14.00	21.84	21.84
Potash (60% K20)	cwt											1.2000	13.00	15.60	15.60
Disk Harrow	14 Ft	2WD 75 hp	0.141	2.00	Mar	2.69	1.73	1.10	2.64	0.28	2.91				11.07
Disk Bed	4-Row	2WD 75 hp	0.140	1.00	Mar	1.34	0.86	0.17	0.50	0.14	1.45				4.32
Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	Apr	1.84	1.19	0.38	1.16	0.29	2.61				7.18
Dual Magnum	pt											1.0000	12.56	12.56	12.56
Plntr - Vacuum	4 Row	2WD 75 hp	0.226	1.00	Apr	2.15	1.39	12.23	23.09	0.22	2.33				41.19
Southern Peas-OP	lb											10.0000	2.00	20.00	20.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Apr	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Diazinon 50W	lb.											1.2500	4.40	5.50	5.50
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	3.00	May	7.00	4.50	27.88	56.43	0.73	7.57				103.38
Endosulfan 3E	pt											15.9480	3.56	56.77	56.77
Cultivate	4-Row	2WD 75 hp	0.193	1.00	May	1.84	1.19	0.63	1.90	0.19	1.99				7.55
Picker Beans/Peas	1 Row	2WD 75 hp	3.571	1.00	May	33.94	21.84	37.29	37.29	10.71	82.68				213.04
Sacks	each											75.0000	0.75	56.25	56.25
Trailer-Southern Pea	16 ft	2WD 75 hp	3.571	1.00	May	33.94	21.84	1.60	3.11	7.14	59.68				120.17
Sheller S. Peas	each			1.00	May				6.57			0.0200			6.57
Application 1	acre							0.22		6.00	38.64	1.0000			38.86
R.B.Convey S. Peas	each			1.00	May				3.27			0.0200			3.27
Rot.Pk.Table S Peas	each			1.00	May				2.75			0.0200			2.75
Application 1	acre							0.12		3.00	19.32	1.0000			19.44
Bag Sealer S. Peas	each			1.00	May				0.80			0.0200			0.80
Application 1	acre							0.49		0.10	0.64	1.0000			1.13
TOTALS						91.71	59.02	92.18	160.60	29.56	227.35			207.89	838.75
INTEREST ON OPERATING CAPITAL															5.41
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															844.16

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

Table 14.A Estimated resource use and costs for field operations, per acre
 Squash - summer, fresh market, irrigated
 5 ft spacing with 20gpm with 8712 ft of drip tape,Tennessee, 2006

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							0.4950	26.00	12.87	12.87
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.10	1.35	0.42	0.84	0.22	2.26				6.97
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Mar	3.76	2.43	1.01	2.45	0.39	4.07				13.72
Disk Bed +App Fert	4-Row	2WD 75 hp	0.141	1.00	Mar	1.34	0.86	0.41	1.22	0.21	1.90				5.73
Fert 13-13-13	cwt											9.0000	12.00	108.00	108.00
BS.lay/tape/Squash	5ftctr	2WD 75 hp	1.294	1.00	Mar	12.29	7.91	1.89	6.29	1.29	13.29				41.67
Plastic Mulch 5ft	4000ft											3.0000	120.00	360.00	360.00
Drip Tape (6000Ft)	Roll											2.0000	138.00	276.00	276.00
Plntr/H20/pnch/seed	1Row	2WD 75 hp	2.578	1.00	Apr	24.49	15.77	5.29	10.14	5.15	43.08				98.77
Squash-Hybrid	1b											2.0000	112.00	224.00	224.00
Irrigation				1.00	Apr										
Cost of Water	6" ac											1.0000	408.00	408.00	408.00
Irri. Setup 5' 20gpm	8712ft											1.0000	412.00	412.00	412.00
Fertigation				1.00	Apr										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Apr	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Asana XL	oz											6.0000	0.71	4.26	4.26
Fertigation				1.00	Apr										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Fertigation				1.00	Apr										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Apr	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Endosulfan 3EC	pt											1.0000	3.56	3.56	3.56
Fertigation				1.00	Apr										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Apr	4.67	3.00	18.59	37.62	0.49	5.04				68.92
Asana XL	oz											12.0000	0.71	8.52	8.52
Bravo Weather Stick	pt											4.0000	5.58	22.32	22.32
Fertigation				1.00	May										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Fertigation				1.00	May										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Fertigation				1.00	May										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75

Fertigation Labor	hour									1.00	6.44						6.44
Calcium Nitrate	lbs												25.0000	0.35	8.75		8.75
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	10.00	Jun	8.55	5.50	0.36	0.70	1.80	15.04						30.15
Harvest Labor	hour			1.00	Jun					100.00	644.00						644.00
5-Gal Bucket	each												200.0000	1.00	200.00		200.00
Bushel Box	each												250.0000	0.99	247.50		247.50
Grade & Pack Labor	hour			10.00	Jun					110.00	708.40						708.40
Mulch Lifter	1 Row	2WD 75 hp	0.589	1.00	Jun	5.60	3.60	0.11	2.60	0.58	6.05						17.96
Labor Mulch Cleanup	hour									15.00	96.60						96.60
											-----		-----		-----		
TOTALS						67.46	43.42	46.66	99.48	243.65	1596.29				2357.03		4210.34
INTEREST ON OPERATING CAPITAL																	53.07
UNALLOCATED LABOR																	0.00
TOTAL SPECIFIED COST																	4263.41

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

Table 15.A Estimated resource use and costs for field operations, per acre
 Strawberry, fresh market, irrigated
 5 ft spacing with 20gpm with 8712 ft of drip tape,Tennessee, 2006

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-----			
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Jun	1.89	1.21	0.51	1.22	0.19	2.04				6.87
Custom Apply Fert	acre			1.00	Jun							1.0000	7.00	7.00	7.00
Lime (Spread)	ton											1.0000	26.00	26.00	26.00
Fert Sprd Pull Type	10 ft	2WD 75 hp	0.235	1.00	Jun	2.24	1.44	2.43	10.65	0.23	2.42				19.18
Fert 10-10-10	lb											300.0000	0.09	27.00	27.00
Fert Sprd Pull Type	10 ft	2WD 75 hp	0.235	1.00	Jun	2.24	1.44	2.43	10.65	0.23	2.42				19.18
Millet	lb											40.0000	0.50	20.00	20.00
Soybeans (Conv.)	lb											80.0000	0.20	16.00	16.00
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Aug	1.89	1.21	0.51	1.22	0.19	2.04				6.87
Chisel Plow	9 Ft	2WD 75 hp	0.220	2.00	Aug	4.18	2.69	0.84	1.69	0.44	4.53				13.93
Sub-Soiler	1 shank	2WD 75 hp	1.078	1.00	Aug	10.24	6.59	0.28	0.81	1.07	11.08				29.00
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Aug	1.89	1.21	0.51	1.22	0.19	2.04				6.87
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Sep	2.10	1.35	0.42	0.84	0.22	2.26				6.97
Fert Sprd Pull Type	10 ft	2WD 75 hp	0.235	1.00	Sep	2.24	1.44	2.43	10.65	0.23	2.42				19.18
Amm Nitrate (34%)	cwt											175.0000	13.00	2275.00	2275.00
Potassium Sulfate	lb											120.0000	0.12	14.40	14.40
Triple Superphospat	lb											100.0000	0.14	14.00	14.00
BS,L,T,Fung S Berry	6ftctr	2WD 75 hp	1.078	1.00	Sep	10.24	6.59	2.90	9.64	4.31	31.92				61.29
Plastic Mulch 5ft	4000ft											4.0000	120.00	480.00	480.00
Drip Tape (6000Ft)	Roll											2.0000	138.00	276.00	276.00
Mythl Bromide 67/33	lb											200.0000	2.75	550.00	550.00
Planter/Transplanter	1 Row	2WD 75 hp	1.586	1.00	Sep	15.08	9.70	0.08	7.22	6.34	46.94				79.02
Hand Labor	hour									30.00	193.20				193.20
Strawberry Plants	100											175.0000	8.00	1400.00	1400.00
Cultipacker	12 Ft	2WD 75 hp	0.124	1.00	Sep	1.21	0.99	0.10	0.15	0.12	1.28				3.73
Irrigation				1.00	Sep										
Cost of Water	6" ac											1.0000	408.00	408.00	408.00
Irri. Setup 5' 20gpm	8712ft											1.0000	412.00	412.00	412.00
Replant Strawberrys				1.00	Oct										
Hand Labor	hour									1.00	6.44				6.44
Strawberry Plants	100											3.0000	8.00	24.00	24.00
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Oct	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Brigade WSB	lb											3.2000	33.00	105.60	105.60
Monitor Nitrates				1.00	Oct										
Hand Labor	hour									0.25	1.61				1.61
Tissue Sample SBerry	each											1.0000	4.50	4.50	4.50
Irrigation				1.00	Oct										
Hand Labor	hour									2.00	12.88				12.88
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Nov	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Brigade WSB	lb											3.2000	33.00	105.60	105.60
Row Covers S.Berrys				1.00	Nov										
Hand Labor	hour									4.00	25.76				25.76

Row Covers	roll												7.0000	147.00	1029.00	1029.00
Secure Row Covers				1.00	Nov											
Hand Labor	hour									2.00	12.88					12.88
Bag-secure row cover	each												2500.0000	0.10	250.00	250.00
Row Covers S.Berrys				1.00	Dec											
Hand Labor	hour									6.00	38.64					38.64
Weed and Clean				1.00	Dec											
Hand Labor	hour									24.00	154.56					154.56
Row Covers S.Berrys				1.00	Dec											
Hand Labor	hour									6.00	38.64					38.64
Row Covers S.Berrys				1.00	Jan											
Hand Labor	hour									6.00	38.64					38.64
Rotary Cutter	7 ft	2WD 75 hp	0.169	1.00	Jan	1.61	1.04	0.48	0.39	0.16	1.74					5.26
Hand Labor	hour									12.00	77.28					77.28
Weed and Clean				1.00	Jan											
Hand Labor	hour									40.00	257.60					257.60
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Jan	0.40	0.25	0.15	0.20	0.09	0.84					1.84
Captan 50 WP	lb												4.0000	3.02	12.08	12.08
Pest scouting SBerry				4.00	Feb											
Hand Labor	hour									4.00	25.76					25.76
Replant Strawberrys				1.00	Feb											
Hand Labor	hour									15.00	96.60					96.60
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Feb	0.40	0.25	0.15	0.20	0.09	0.84					1.84
Gramoxone Max	pt												0.2500	4.65	1.16	1.16
Crop oil Conc. (Veg)	pt												2.0000	1.68	3.36	3.36
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Feb	0.40	0.25	0.15	0.20	0.09	0.84					1.84
Brigade WSB	lb												3.2000	33.00	105.60	105.60
Irrigation				1.00	Feb											
Hand Labor	hour									0.20	1.29					1.29
Ridomil Gold EC	oz												16.0000	5.79	92.64	92.64
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Feb	0.40	0.25	0.15	0.20	0.09	0.84					1.84
Lorsban 4E	pt												2.0000	4.49	8.98	8.98
Monitor Nitrates				2.00	Mar											
Hand Labor	hour									0.50	3.22					3.22
Tissue Sample SBerry	each												2.0000	4.50	9.00	9.00
Weed and Clean				1.00	Mar											
Hand Labor	hour									10.00	64.40					64.40
Irrigation				1.00	Mar											
Fertigation Labor	hour									0.20	1.29					1.29
32% Liquid Nitrogen	qt												12.9200	12.99	167.83	167.83
Sul-Po-Mag	lb												10.0000	0.10	1.00	1.00
Boron (20% Sol)	lb												0.6300	0.75	0.47	0.47
Row Covers S.Berrys				1.00	Mar											
Hand Labor	hour									6.00	38.64					38.64
Row Covers S.Berrys				1.00	Mar											
Hand Labor	hour									6.00	38.64					38.64
Pest scouting SBerry				2.00	Mar											
Hand Labor	hour									2.00	12.88					12.88
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Mar	0.40	0.25	0.15	0.20	0.09	0.84					1.84
Brigade WSB	lb												3.2000	33.00	105.60	105.60
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Mar	0.40	0.25	0.15	0.20	0.09	0.84					1.84

Hand Labor	hour									0.25	1.61					1.61
Tissue Sample SBerry	each												1.0000	4.50	4.50	4.50
Fertigation				1.00	May											
Hand Labor	hour									0.20	1.29					1.29
Potassium Nitrate	lb												53.8500	0.34	18.31	18.31
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	May	0.40	0.25	0.15	0.20	0.09	0.84					1.84
Elevate 50 WDG	lb												1.5000	30.03	45.05	45.05
Nova 40W	oz												5.0000	4.14	20.70	20.70
Harvest Strawberrys				1.00	May											
Refresh Stawberries	hour									18.00	115.92					115.92
Pick Strawberries	flat												360.0000	1.70	612.00	612.00
Strawberry Flat	each												360.0000	0.96	345.60	345.60
Strawberry Pint	each												4320.0000	0.03	129.60	129.60
Post Harvest S-Berry				1.00	May											
SBerry Pallet Pkging	hour									2.00	12.88					12.88
Broker Fee S-Berries	flat												360.0000	1.00	360.00	360.00
Fertigation				1.00	May											
Hand Labor	hour									0.20	1.29					1.29
Calcium Nitrate	lb												45.1600	0.35	15.81	15.81
Harvest Strawberrys				1.00	May											
Refresh Stawberries	hour									23.00	148.12					148.12
Pick Strawberries	flat												450.0000	1.70	765.00	765.00
Strawberry Flat	each												450.0000	0.96	432.00	432.00
Strawberry Pint	each												5400.0000	0.03	162.00	162.00
Post Harvest S-Berry				1.00	May											
SBerry Pallet Pkging	hour									2.50	16.10					16.10
Broker Fee S-Berries	flat												450.0000	1.00	450.00	450.00
Harvest Strawberrys				1.00	May											
Refresh Stawberries	hour									18.00	115.92					115.92
Pick Strawberries	flat												360.0000	1.70	612.00	612.00
Strawberry Flat	each												360.0000	0.96	345.60	345.60
Strawberry Pint	each												4320.0000	0.03	129.60	129.60
Post Harvest S-Berry				1.00	May											
SBerry Pallet Pkging	hour									2.00	12.88					12.88
Broker Fee S-Berries	flat												360.0000	1.00	360.00	360.00
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	May	0.40	0.25	0.15	0.20	0.09	0.84					1.84
Elevate 50 WDG	lb												1.5000	30.03	45.05	45.05
Nova 40W	oz												5.0000	4.14	20.70	20.70
Harvest Strawberrys				1.00	May											
Refresh Stawberries	hour									9.00	57.96					57.96
Pick Strawberries	flat												180.0000	1.70	306.00	306.00
Strawberry Flat	each												180.0000	0.96	172.80	172.80
Strawberry Pint	each												2160.0000	0.03	64.80	64.80
Post Harvest S-Berry				1.00	May											
SBerry Pallet Pkging	hour									1.00	6.44					6.44
Broker Fee S-Berries	flat												180.0000	1.00	180.00	180.00
Mulch Lifter	1 Row	2WD 75 hp	0.589	1.00	May	5.60	3.60	0.11	2.60	0.58	6.05					17.96
Take up Reel (Mulch	1 Row	2WD 75 hp	0.588	1.00	May	5.58	3.60	0.71	3.13	0.58	6.04					19.06
Hand Labor	hour									6.00	38.64					38.64
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	May	0.40	0.25	0.15	0.20	0.09	0.84					1.84
Gramoxone Max	pt												1.5000	4.65	6.98	6.98

TOTALS	74.23	47.85	16.99	65.08	314.98	2059.53	16058.71	18322.39
INTEREST ON OPERATING CAPITAL								504.65
UNALLOCATED LABOR								0.00
TOTAL SPECIFIED COST								18827.04

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

Table 16.A Estimated resource use and costs for field operations, per acre
Sweet corn, fresh market hand harvest
Tennessee, 2006

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	26.00	12.87	12.87
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.10	1.35	0.42	0.84	0.22	2.26				6.97
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Feb	3.76	2.43	1.01	2.45	0.39	4.07				13.72
Disk Bed +App Fert	4-Row	2WD 75 hp	0.141	1.00	Mar	1.34	0.86	0.41	1.22	0.21	1.90				5.73
Fert 13-13-13	cwt											7.5000	12.00	90.00	90.00
Cultivate	4-Row	2WD 75 hp	0.193	1.00	Mar	1.84	1.19	0.63	1.90	0.19	1.99				7.55
Plntr-vacuum+insect	4R30-40"	2WD 75 hp	0.226	1.00	Mar	2.15	1.39	17.46	32.97	0.22	2.33				56.30
Sweet Corn (Hybrid)	lb											9.0000	10.00	90.00	90.00
Furadan 4 F	pt											2.0000	9.66	19.32	19.32
Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	Mar	1.84	1.19	0.38	1.16	0.29	2.61				7.18
Atrazine 4L	pt											4.0000	1.29	5.16	5.16
Cultivate+Sidedress	2-Row	2WD 75 hp	0.390	1.00	Apr	3.71	2.39	0.74	4.08	0.58	5.27				16.19
Amm Nitrate (34%)	cwt											2.0000	13.00	26.00	26.00
Sprayer(300-450gal)	47 ft		0.022	7.00	May	2.36	3.74			0.15	1.62				7.72
Lannate LV	pt											9.1000	6.90	62.79	62.79
Sprayer(300-450gal)	47 ft		0.022	3.00	Jun	1.01	1.60			0.06	0.69				3.30
Lannate LV	pt											3.9000	6.90	26.91	26.91
Asana XL	oz											18.0000	0.71	12.78	12.78
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	1.00	Jun	0.85	0.55	0.04	0.07	0.18	1.50				3.01
Harvest & Pack Labor	hour			1.00	Jun					50.00	322.00				322.00
Crates	each			1.00	Jun							200.0000	1.15	230.00	230.00
Ice + Cooling	crat											200.0000	0.70	140.00	140.00
TOTALS						20.96	16.69	21.09	44.69	52.53	346.24			715.83	1165.50
INTEREST ON OPERATING CAPITAL															12.13
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1177.63

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

Table 17.A Estimated resource use and costs for field operations, per acre
 Sweet corn, fresh market-train harvest (shipping)
 Tennessee, 2006

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	26.00	12.87	12.87
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.10	1.35	0.42	0.84	0.22	2.26				6.97
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Feb	3.76	2.43	1.01	2.45	0.39	4.07				13.72
Disk Bed +App Fert	4-Row	2WD 75 hp	0.141	1.00	Mar	1.34	0.86	0.41	1.22	0.21	1.90				5.73
Fert 13-13-13	cwt											7.5000	12.00	90.00	90.00
Cultivate	4-Row	2WD 75 hp	0.193	1.00	Mar	1.84	1.19	0.63	1.90	0.19	1.99				7.55
Plntr-vacuum+insect	4R30-40"	2WD 75 hp	0.226	1.00	Mar	2.15	1.39	17.46	32.97	0.22	2.33				56.30
Sweet Corn (Hybrid)	lb											9.0000	10.00	90.00	90.00
Furadan 4 F	pt											2.0000	9.66	19.32	19.32
Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	Mar	1.84	1.19	0.38	1.16	0.29	2.61				7.18
Atrazine 4L	pt											4.0000	1.29	5.16	5.16
Cultivate+Sidedress	2-Row	2WD 75 hp	0.390	1.00	Apr	3.71	2.39	0.74	4.08	0.58	5.27				16.19
Amm Nitrate (34%)	cwt											2.0000	13.00	26.00	26.00
Sprayer(300-450gal)	47 ft		0.022	7.00	May	2.36	3.74			0.15	1.62				7.72
Lannate LV	pt											9.1000	6.90	62.79	62.79
Sprayer(300-450gal)	47 ft		0.022	3.00	Jun	1.01	1.60			0.06	0.69				3.30
Lannate LV	pt											3.9000	6.90	26.91	26.91
Asana XL	oz											18.0000	0.71	12.78	12.78
Mule Train (Corn)	30 ft	2WD 75 hp	0.229	1.00	Jun	2.17	1.40	8.59	68.31	7.56	49.58				130.05
Trailer(MuleTrn)Corn	16 ft	2WD 75 hp	0.229	1.00	Jun	2.17	1.40	1.53	2.97	0.68	5.30				13.37
Crates	each			1.00	Jun							200.0000	1.15	230.00	230.00
Ice + Cooling	crat											200.0000	0.70	140.00	140.00
TOTALS						24.45	18.94	31.17	115.90	10.60	77.62			715.83	983.91
INTEREST ON OPERATING CAPITAL															10.64
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															994.55

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

Table 18.A Estimated resource use and costs for field operations, per acre
Sweet potatoes
Tennessee, 2006

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
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Apr	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Roundup Weathermax	gal											0.1250	52.38	6.55	6.55
Disk Harrow	14 Ft	2WD 50 hp	0.141	2.00	Apr	1.80	1.14	1.10	2.64	0.28	2.91				9.59
Custom Apply Fert	acre			1.00	Apr							4.0000	7.00	28.00	28.00
Fert 5-20-30+S+B	cwt											10.0000	20.42	204.20	204.20
Lorsban 4E	pt											4.0000	4.49	17.96	17.96
Disk Bed	4-Row	2WD 50 hp	0.140	2.00	May	1.78	1.13	0.33	1.01	0.28	2.90				7.15
Trailer utility	10 ft	2WD 50 hp	0.600	1.00	May	3.79	2.40	0.07	0.26	0.60	6.16				12.68
Sweetpotato Plants	thous											11.0000	22.50	247.50	247.50
Trailer water	10 ft	2WD 50 hp	0.600	1.00	May	3.79	2.40	0.21	0.70	0.60	6.16				13.26
Plnt/Transplants	4R 36-48"	2WD 75 hp	0.687	1.00	May	6.53	4.20	0.17	15.10	6.87	46.91				72.91
Planting Labor	hour									15.00	96.60				96.60
Crate Sweetpotato	each											2.0000	8.00	16.00	16.00
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	May	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Command 3ME	pt											2.0000	11.23	22.46	22.46
Endosulfan 3E	pt											2.0000	3.56	7.12	7.12
Ditcher		2WD 50 hp	0.020	1.00	May	0.12	0.08	0.03	0.05	0.02	0.21				0.49
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	May	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Imidan 70 WSB	lb											1.3000	7.85	10.21	10.21
Cultivate (Early)	4R-40	2WD 50 hp	0.193	1.00	May	1.22	0.78	0.45	1.37	0.19	1.99				5.81
Ditcher		2WD 50 hp	0.020	1.00	May	0.12	0.08	0.03	0.05	0.02	0.21				0.49
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Jun	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Penncap-M	pt											2.0000	3.46	6.92	6.92
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Jun	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Imidan 70 WSB	lb											1.3000	7.85	10.21	10.21
Cultivate (Late)	4R-40	2WD 50 hp	0.129	1.00	Jun	0.82	0.52	0.30	0.91	0.12	1.33				3.88
Ditcher		2WD 50 hp	0.020	1.00	Jun	0.12	0.08	0.03	0.05	0.02	0.21				0.49
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Jul	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Penncap-M	pt											2.0000	3.46	6.92	6.92
Poast 1.53	pt											1.0000	8.38	8.38	8.38
Spray (Broadcast)	27'	2WD 50 hp	0.062	1.00	Jul	0.40	0.25	0.15	0.20	0.09	0.84				1.84
Spintor	oz											6.0000	4.36	26.16	26.16
Stalk Shredder-Flail	15 ft	2WD 50 hp	0.110	1.00	Sep	0.70	0.44	0.30	1.00	0.11	1.14				3.58
Trailer utility	10 ft	2WD 50 hp	0.600	1.00	Sep	3.79	2.40	0.07	0.26	0.60	6.16				12.68
Harvest Labor	hour									1.00	6.44				6.44
Truck	1/2 ton		1.000	1.00	Sep	9.71	7.90			1.00	10.27				27.88
Truck	1 ton +		1.000	1.00	Sep	11.91	7.80			1.00	10.27				29.98
Harvester, Swt. Potato	2-Row	2WD 75 hp	1.011	1.00	Sep	9.60	6.18	5.88	10.41	7.07	49.45				81.52
Harvest Labor	hour									24.00	154.56				154.56
Bin Sweetpotato	each											2.0000	53.00	106.00	106.00
Fork Lift			1.000	1.00	Sep	5.45	5.52			1.00	10.27				21.24

Truck	1 ton +	1.000	1.00	Sep	11.91	7.80	1.00	10.27				29.98	
Storage Sweetpotato	cwt		1.00	Sep					112.0000	1.00	112.00	112.00	
Clean, grade, pack	box		1.00	Sep					330.0000	1.75	577.50	577.50	
Box Sweetpotato	each								330.0000	1.17	386.10	386.10	
Broker Sweetpotato	box		1.00	Sep					330.0000	1.00	330.00	330.00	

TOTALS					75.96	52.60	10.02	35.21	61.46	430.30		2131.19	2735.28
INTEREST ON OPERATING CAPITAL													35.45
UNALLOCATED LABOR													0.00
TOTAL SPECIFIED COST													2770.73

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

Table 19.A Estimated resource use and costs for field operations, per acre
 Tomatoes, fresh market, irrigated
 5 ft spacing with 20gpm with 8712 ft of drip tape,Tennessee, 2006

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							0.3300	26.00	8.58	8.58
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.10	1.35	0.42	0.84	0.22	2.26				6.97
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Mar	3.76	2.43	1.01	2.45	0.39	4.07				13.72
Cyclone Spin	825 Lb	2WD 75 hp	0.084	1.00	Mar	0.80	0.51	0.05	0.19	0.08	0.86				2.41
Amm Nitrate (34%)	cwt											1.1700	13.00	15.21	15.21
Phosphorus(46% P205)	cwt											2.6000	14.00	36.40	36.40
Potash (60% K20)	cwt											2.0000	13.00	26.00	26.00
Disk + Incorporate	10 Ft	2WD 75 hp	0.206	1.00	Mar	1.96	1.26	0.88	1.78	0.30	2.78				8.66
Diazinon 50W	lb.											3.0000	4.40	13.20	13.20
Select 2EC	oz											8.0000	1.51	12.08	12.08
BS,L,T,FumigTomato	6ftctr	2WD 75 hp	1.078	1.00	Mar	10.24	6.59	2.90	9.64	4.31	31.92				61.29
Plastic Mulch 5ft	4000ft											2.0000	120.00	240.00	240.00
Drip Tape (6000Ft)	Roll											2.0000	138.00	276.00	276.00
Mythl Bromide 67/33	lb											200.0000	2.75	550.00	550.00
Plntr/H2O Tomato	1R 6ftcrt	2WD 75 hp	1.718	1.00	Apr	16.33	10.51	1.96	3.77	6.87	50.86				83.43
Planting Labor	hour									30.00	193.20				193.20
Tomato Plants-Hybrid	thous											4.4000	70.10	308.44	308.44
Fert 15-30-15	lb											37.5000	0.18	6.75	6.75
Irrigation				1.00	Apr										
Cost of Water	6" ac											1.0000	408.00	408.00	408.00
Irri. Setup 5' 20gpm	8712ft											1.0000	412.00	412.00	412.00
Fertigation				1.00	Apr										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											100.0000	0.35	35.00	35.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Apr	4.67	3.00	18.59	37.62	0.49	5.04				68.92
Dithane Rainshield	lb											8.0000	2.67	21.36	21.36
Asana XL	oz											12.0000	0.71	8.52	8.52
Fertigation				1.00	Apr										
Fertigation Labor	hour									1.00	6.44				6.44
Potassium Nitrate	lb											100.0000	0.34	34.00	34.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Apr	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Guthion 2L	pt											3.0000	2.75	8.25	8.25
Quadris	oz											5.0000	2.23	11.15	11.15
Fertigation				1.00	Apr										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											100.0000	0.35	35.00	35.00
Fertigation				1.00	Apr										
Fertigation Labor	hour									1.00	6.44				6.44
Potassium Nitrate	lb											100.0000	0.34	34.00	34.00
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	May	4.67	3.00	18.59	37.62	0.49	5.04				68.92
Quadris	oz											10.0000	2.23	22.30	22.30
Guthion 2L	pt											6.0000	2.75	16.50	16.50

Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	May	4.67	3.00	18.59	37.62	0.49	5.04				68.92
Asana XL	oz											12.0000	0.71	8.52	8.52
Bravo Weather Stick	pt											4.0000	5.58	22.32	22.32
Fertigation				1.00	May										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											30.0000	0.35	10.50	10.50
Hand &Storage Labor	hour			1.00	May					10.00	64.40				64.40
Wood Stakes	100											44.0000	15.00	660.00	660.00
Plastic string	6000ft											4.0000	8.00	32.00	32.00
Fertigation				1.00	May										
Fertigation Labor	hour									1.00	6.44				6.44
Potassium Nitrate	lb											30.0000	0.34	10.20	10.20
Fertigation				1.00	May										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											30.0000	0.35	10.50	10.50
Fertigation				1.00	May										
Fertigation Labor	hour									1.00	6.44				6.44
Potassium Nitrate	lb											30.0000	0.34	10.20	10.20
Sucker Control				1.00	Jun										
Hand Labor	hour									5.00	32.20				32.20
Fertigation				1.00	Jun										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											30.0000	0.35	10.50	10.50
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Jun	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Bravo Weather Stick	pt											2.0000	5.58	11.16	11.16
Asana XL	oz											6.0000	0.71	4.26	4.26
Fertigation				1.00	Jun										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											30.0000	0.35	10.50	10.50
Fertigation				1.00	Jun										
Fertigation Labor	hour									1.00	6.44				6.44
Potassium Nitrate	lb											30.0000	0.34	10.20	10.20
Fertigation				1.00	Jun										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											30.0000	0.35	10.50	10.50
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Jul	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Asana XL	oz											6.0000	0.71	4.26	4.26
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	1.00	Jul	0.85	0.55	0.04	0.07	0.18	1.50				3.01
CustomHarvest Tomato	box			1.00	Jul							1600.0000	1.00	1600.00	1600.00
5-Gal Bucket	each											200.0000	1.00	200.00	200.00
Grade & Pack Labor	hour			1.00	Jul					320.00	2060.80				2060.80
Box Tomato	Box											1600.0000	1.19	1904.00	1904.00
Mulch Lifter	1 Row	2WD 75 hp	0.589	1.00	Jul	5.60	3.60	0.11	2.60	0.58	6.05				17.96
Labor Mulch Cleanup	hour											15.00	96.60		96.60
						-----	-----	-----	-----	-----	-----				-----
TOTALS						62.64	40.30	91.01	190.63	407.17	2647.46			7068.36	10100.40
INTEREST ON OPERATING CAPITAL															127.42
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															10227.82

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

Table 20.A Estimated resource use and costs for field operations, per acre
 Watermelons, irrigated
 5 ft spacing with 20gpm with 8712 ft of drip tape,Tennessee, 2006

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	26.00	39.00	39.00
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.10	1.35	0.42	0.84	0.22	2.26				6.97
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Feb	1.89	1.21	0.51	1.22	0.19	2.04				6.87
BS.lay/tape/Melon	8ftctr	2WD 75 hp	0.808	1.00	Mar	7.68	4.95	1.92	6.39	0.80	8.31				29.25
Plastic Mulch 5ft	4000ft											2.0000	120.00	240.00	240.00
Drip Tape (6000Ft)	Roll											2.0000	138.00	276.00	276.00
Plntr/H2O Melon	1R 8ftctr	2WD 75 hp	0.645	1.00	Mar	6.13	3.95	0.99	1.90	2.58	19.09				32.06
Watermelon-Hybrid	thous											1.8000	128.00	230.40	230.40
Irrigation				1.00	Mar										
Cost of Water	6" ac											1.0000	408.00	408.00	408.00
Irri. Setup 5' 20gpm	8712ft											1.0000	412.00	412.00	412.00
Fertigation				1.00	Mar										
Fertigation Labor	hour									1.00	6.44				6.44
CalciumNitrateMelon	lb											89.0000	0.35	31.15	31.15
Potash (60% K20)	cwt											0.5000	13.00	6.50	6.50
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Apr	4.67	3.00	18.59	37.62	0.49	5.04				68.92
Endosulfan 3E	pt											5.3200	3.56	18.94	18.94
Ridomil Gold MZ	lb											4.0000	11.84	47.36	47.36
Fertigation				1.00	Apr										
Fertigation Labor	hour									1.00	6.44				6.44
CalciumNitrateMelon	lb											89.0000	0.35	31.15	31.15
Potash (60% K20)	cwt											0.5000	13.00	6.50	6.50
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Apr	2.33	1.50	9.29	18.81	0.24	2.52				34.45
Endosulfan 3E	pt											2.6600	3.56	9.47	9.47
Dithane Rainshield	lb											4.0000	2.67	10.68	10.68
Fertigation				1.00	Apr										
Fertigation Labor	hour									1.00	6.44				6.44
CalciumNitrateMelon	lb											89.0000	0.35	31.15	31.15
Potash (60% K20)	cwt											0.5000	13.00	6.50	6.50
Fertigation				1.00	Apr										
Fertigation Labor	hour									1.00	6.44				6.44
CalciumNitrateMelon	lb											89.0000	0.35	31.15	31.15
Potash (60% K20)	cwt											0.5000	13.00	6.50	6.50
Fertigation				1.00	Apr										
Fertigation Labor	hour									1.00	6.44				6.44
CalciumNitrateMelon	lb											89.0000	0.35	31.15	31.15
Potash (60% K20)	cwt											0.5000	13.00	6.50	6.50
Fertigation				1.00	May										
Fertigation Labor	hour									1.00	6.44				6.44
CalciumNitrateMelon	lb											89.0000	0.35	31.15	31.15
Potash (60% K20)	cwt											0.5000	13.00	6.50	6.50
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	May	4.67	3.00	18.59	37.62	0.49	5.04				68.92

Bravo Weather Stick	pt												4.0000	5.58	22.32	22.32
Quadris	oz												22.0000	2.23	49.06	49.06
Fertigation					1.00	May										
Fertigation Labor	hour									1.00	6.44					6.44
CalciumNitrateMelon	lb												89.0000	0.35	31.15	31.15
Potash (60% K20)	cwt												0.5000	13.00	6.50	6.50
Sprayer Air Blast	16' spray	2WD	75 hp	0.245	2.00	May	4.67	3.00	18.59	37.62	0.49	5.04				68.92
Bravo Weather Stick	pt												4.0000	5.58	22.32	22.32
Endosulfan 3EC	pt												5.3200	3.56	18.94	18.94
Fertigation					1.00	May										
Fertigation Labor	hour									1.00	6.44					6.44
CalciumNitrateMelon	lb												89.0000	0.35	31.15	31.15
Potash (60% K20)	cwt												0.5000	13.00	6.50	6.50
Fertigation					1.00	Jun										
Fertigation Labor	hour									1.00	6.44					6.44
CalciumNitrateMelon	lb												89.0000	0.35	31.15	31.15
Potash (60% K20)	cwt												0.5000	13.00	6.50	6.50
Sprayer Air Blast	16' spray	2WD	75 hp	0.245	2.00	Jun	4.67	3.00	18.59	37.62	0.49	5.04				68.92
Asana XL	oz												12.0000	0.71	8.52	8.52
Bravo Weather Stick	pt												8.0000	5.58	44.64	44.64
Trailer - Vegetables	16 ft	2WD	75 hp	0.090	4.00	Jun	3.42	2.20	0.14	0.28	0.72	6.02				12.06
Harvest Labor Melons	cwt				1.00	Jun							200.0000	2.00	400.00	400.00
Pallet Crates-1000lb each													20.0000	10.00	200.00	200.00
Plastic Clean Up					1.00	Jun										
Mulch Lifter	1 Row	2WD	75 hp	0.589			5.60	3.60	0.11	2.60	0.58	6.05				17.96
Labor Mulch Cleanup	hour												15.00	96.60		96.60
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TOTALS							47.83	30.76	87.74	182.52	31.32	221.01			2796.50	3366.36
INTEREST ON OPERATING CAPITAL																54.06
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																3420.42

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