

Table 18.A Summary of estimated costs per acre
 Tomatoes, fresh market, irrigated
 6 ft row spacing, 20 gpm with 8,712 ft of drip tape,
 Alabama, MALTAG, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM	acre	1600.00	1.0000	1600.00	_____
FERTILIZER	acre	216.76	1.0000	216.76	_____
FUNGICIDE	acre	84.15	1.0000	84.15	_____
HERBICIDE	acre	1.75	1.0000	1.75	_____
INSECTICIDE	acre	82.38	1.0000	82.38	_____
SEED/PLANTS	acre	636.90	1.0000	636.90	_____
OTHER	acre	4446.00	1.0000	4446.00	_____
IRRIGATION SUPPLIES	acre	637.50	1.0000	637.50	_____
FERTIGATION LABOR	hour	8.00	12.0000	96.00	_____
GRADE & PACK LABOR	hour	8.00	320.0000	2560.00	_____
HAND & STOR LABOR	hour	8.00	10.0000	80.00	_____
HAND LABOR	hour	8.00	13.5846	108.68	_____
LABOR MULCH CLEANUP	hour	8.00	15.0000	120.00	_____
OPERATOR LABOR	hour	9.41	6.5937	62.04	_____
PLANTING LABOR	hour	8.00	30.0000	240.00	_____
DIESEL FUEL	gal	2.41	25.4544	61.33	_____
REPAIR & MAINTENANCE	acre	85.09	1.0000	85.09	_____
INTEREST ON OP. CAP.	acre	164.22	1.0000	164.22	_____

TOTAL DIRECT EXPENSES				11282.80	_____
TOTAL FIXED EXPENSES				722.74	_____

TOTAL SPECIFIED EXPENSES				12005.54	_____

Note: Cost of production estimates are based on 2006 input prices

Table 18.B Estimated resource use and costs for field operations, per acre
 Tomatoes, fresh market, irrigated
 6 ft row spacing, 20 gpm with 8,712 ft of drip tape, Alabama, MALTAG, 2007

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	34.00	11.22	11.22
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	2.25	1.48	0.17	0.36	0.22	2.07				6.33
Disk Harrow	10 Ft	2WD 75 hp	0.198	2.00	Mar	4.06	2.66	1.01	2.60	0.39	3.73				14.06
Cyclone Spin	825 Lb	2WD 75 hp	0.084	1.00	Mar	0.86	0.56	0.04	0.18	0.08	0.79				2.43
Amm Nitrate (34%)	cwt											1.1700	17.00	19.89	19.89
Phosphorus(46% P205)	cwt											2.6000	15.00	39.00	39.00
Potash (60% K20)	cwt											2.0000	14.00	28.00	28.00
Disk + Incorporate	10 Ft	2WD 75 hp	0.206	1.00	Mar	2.11	1.38	0.90	1.93	0.30	2.77				9.09
Diazion AG500	pt											3.0000	4.27	12.81	12.81
Treflan HFP	pt											0.7500	2.33	1.75	1.75
BS,L,T,FumigTomato	6ftctr	2WD 75 hp	1.078	1.00	Mar	11.02	7.22	2.96	10.60	4.31	36.03				67.83
Plastic Mulch	roll											2.2000	150.00	330.00	330.00
Drip Tape	roll											1.5000	155.00	232.50	232.50
Mythl Bromide 67/33	lb											200.0000	3.00	600.00	600.00
Plntr/H20 Tomato	1R 6ftcrt	2WD 75 hp	1.718	1.00	Apr	17.57	11.51	2.02	4.18	6.87	57.42				92.70
PLANTING LABOR	hour									30.00	240.00				240.00
Tomato Plants-Hybrid	thous											4.4000	144.75	636.90	636.90
Fert 15-30-15	lb											37.5000	0.38	14.25	14.25
Irrigation				1.00	Apr										
Rural Water	ac-in											6.0000	67.50	405.00	405.00
Fertigation				1.00	Apr										
FERTIGATION LABOR	hour									1.00	8.00				8.00
Calcium Nitrate	lbs											30.0000	0.29	8.70	8.70
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	Apr	5.02	3.29	15.95	34.67	0.49	4.62				63.55
Bravo Weather Stick	pt											4.0000	5.55	22.20	22.20
Asana XL	oz											12.0000	0.72	8.64	8.64
Fertigation				1.00	Apr										
FERTIGATION LABOR	hour									1.00	8.00				8.00
Calcium Nitrate	lbs											30.0000	0.29	8.70	8.70
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Apr	2.51	1.64	7.97	17.34	0.24	2.31				31.77
Guthion 50WSP	lb											1.5000	9.70	14.55	14.55
Quadris	oz											5.0000	1.91	9.55	9.55
Fertigation				1.00	Apr										
FERTIGATION LABOR	hour									1.00	8.00				8.00
Calcium Nitrate	lbs											30.0000	0.29	8.70	8.70
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	May	5.02	3.29	15.95	34.67	0.49	4.62				63.55
Quadris	oz											10.0000	1.91	19.10	19.10
Guthion 50WSP	lb											3.0000	9.70	29.10	29.10
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	2.00	May	5.02	3.29	15.95	34.67	0.49	4.62				63.55
Asana XL	oz											12.0000	0.72	8.64	8.64
Bravo Weather Stick	pt											4.0000	5.55	22.20	22.20
Fertigation				1.00	May										
FERTIGATION LABOR	hour									1.00	8.00				8.00
Calcium Nitrate	lbs											30.0000	0.29	8.70	8.70
HAND & STOR LABOR	hour			1.00	May					10.00	80.00				80.00

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	8.00						8.00
Calcium Nitrate	lbs												30.0000	0.29	8.70	8.70
Fertigation				1.00	May											
FERTIGATION LABOR	hour								1.00	8.00						8.00
Calcium Nitrate	lbs												30.0000	0.29	8.70	8.70
Fertigation				1.00	May											
FERTIGATION LABOR	hour								1.00	8.00						8.00
Calcium Nitrate	lbs												30.0000	0.29	8.70	8.70
Sucker Control				1.00	Jun											
HAND LABOR	hour								5.00	40.00						40.00
Fertigation				1.00	Jun											
FERTIGATION LABOR	hour								1.00	8.00						8.00
Calcium Nitrate	lbs												30.0000	0.29	8.70	8.70
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Jun	2.51	1.64	7.97	17.34	0.24	2.31					31.77
Bravo Weather Stick	pt												2.0000	5.55	11.10	11.10
Asana XL	oz												6.0000	0.72	4.32	4.32
Fertigation				1.00	Jun											
FERTIGATION LABOR	hour								1.00	8.00						8.00
Calcium Nitrate	lbs												30.0000	0.29	8.70	8.70
Fertigation				1.00	Jun											
FERTIGATION LABOR	hour								1.00	8.00						8.00
Calcium Nitrate	lbs												30.0000	0.29	8.70	8.70
Fertigation				1.00	Jun											
FERTIGATION LABOR	hour								1.00	8.00						8.00
Calcium Nitrate	lbs												30.0000	0.29	8.70	8.70
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Jul	2.51	1.64	7.97	17.34	0.24	2.31					31.77
Asana XL	oz												6.0000	0.72	4.32	4.32
Trailer - Vegetables	16 ft	2WD 75 hp	0.090	1.00	Jul	0.92	0.60	0.04	0.08	0.18	1.57					3.21
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	2560.00				2560.00
Box Tomato	box												1600.0000	1.39	2224.00	2224.00
Mulch Lifter	1 Row	2WD 75 hp	0.589	1.00	Jul	6.02	3.95	0.12	2.96	0.58	5.55					18.60
LABOR MULCH CLEANUP	hour										15.00	120.00				120.00
Irrigation Setup	acre				Apr								1.0000			499.67
TOTALS						67.40	44.15	79.02	178.92	407.17	3266.72				7705.44	11841.32
INTEREST ON OPERATING CAPITAL																164.22
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																12005.54

Note: Cost of production estimates are based on 2006 input prices.

Table 18.C Breakeven price above total expenses and net returns for price/yield combinations, per acre
 Tomatoes, fresh market, irrigated
 6 ft row spacing, 20 gpm with 8,712 ft of drip tape, Alabama, MALTAG, 2007

			-----BREAKEVEN PRICE-----										
Tomatoes			5.80	6.04	6.32	6.65	7.04	7.50	8.06	8.77	9.68	10.90	12.60
PERCENT	YIELD	UNIT	-----dollars-----										
50	800.00	25lb	-4713	-4519	-4295	-4034	-3725	-3354	-2901	-2335	-1607	-636	722
			-5436	-5242	-5018	-4756	-4447	-4077	-3624	-3057	-2329	-1359	0
60	960.00	25lb	-4169	-3936	-3668	-3354	-2983	-2539	-1995	-1315	-442	722	2353
			-4892	-4659	-4390	-4077	-3706	-3261	-2718	-2038	-1164	0	1630
70	1120.00	25lb	-3626	-3354	-3040	-2674	-2242	-1723	-1089	-296	722	2081	3984
			-4349	-4077	-3763	-3397	-2965	-2446	-1812	-1019	0	1359	3261
80	1280.00	25lb	-3082	-2772	-2413	-1995	-1501	-908	-183	722	1887	3440	5615
			-3805	-3494	-3136	-2718	-2223	-1630	-906	0	1164	2718	4892
90	1440.00	25lb	-2539	-2189	-1786	-1315	-759	-92	722	1742	3052	4799	7246
			-3261	-2912	-2509	-2038	-1482	-815	0	1019	2329	4077	6523
100	1600.00	25lb	-1995	-1607	-1159	-636	-18	722	1628	2761	4217	6159	8877
			-2718	-2329	-1881	-1359	-741	0	906	2038	3494	5436	8154
110	1760.00	25lb	-1451	-1024	-531	43	722	1538	2534	3780	5382	7518	10508
			-2174	-1747	-1254	-679	0	815	1812	3057	4659	6795	9785
120	1920.00	25lb	-908	-442	95	722	1464	2353	3440	4799	6547	8877	12138
			-1630	-1164	-627	0	741	1630	2718	4077	5824	8154	11416
130	2080.00	25lb	-364	140	722	1402	2205	3169	4346	5819	7712	10236	13769
			-1087	-582	0	679	1482	2446	3624	5096	6989	9513	13047
140	2240.00	25lb	179	722	1350	2081	2946	3984	5252	6838	8877	11595	15400
			-543	0	627	1359	2223	3261	4530	6115	8154	10872	14678
150	2400.00	25lb	722	1305	1977	2761	3687	4799	6159	7857	10042	12954	17031
			0	582	1254	2038	2965	4077	5436	7135	9319	12231	16308

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.
 Note: Cost of production estimates are based on 2006 input prices.