

Tomato Production Enterprise Budget

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Summary of Estimated Costs and Returns per Acre
 Tomatoes, Fresh Market, Irrigated
 6 ft row spacing, 16 gpm with 7,260 ft of drip tape

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
INCOME					
TOTAL INCOME				0	
DIRECT EXPENSES					
CUSTOM	acre	\$1,600.00	1.0000	\$1,600.00	
FERTILIZER	acre	\$385.32	1.0000	\$385.32	
FUNGICIDE	acre	\$133.50	1.0000	\$133.50	
HERBICIDE	acre	\$18.13	1.0000	\$18.13	
INSECTICIDE	acre	\$199.78	1.0000	\$199.78	
SEED/PLANTS	acre	\$880.00	1.0000	\$880.00	
OTHER*	acre	\$4,736.80	1.0000	\$4,736.80	
IRRIGATION SUPPLIES	acre	\$1,427.52	1.0000	\$1,427.52	
FERTIGATION LABOR	hour	\$10.38	12.0000	\$124.56	
GRADE & PACK LABOR	hour	\$10.38	320.0000	\$3,321.60	
HAND & STOR LABOR	hour	\$10.38	10.0000	\$103.80	
HAND LABOR	hour	\$10.38	10.3493	\$107.42	
LABOR MULCH CLEANUP	hour	\$10.38	15.0000	\$155.70	
OPERATOR LABOR	hour	\$12.55	6.1026	\$76.59	
PLANTING LABOR	hour	\$10.38	30.0000	\$311.40	
UNALLOCATED LABOR	hour	\$12.57	1.2205	\$15.35	
DIESEL FUEL	gal	\$2.54	23.5585	\$59.85	
REPAIR & MAINTENANCE	acre	\$83.09	1.0000	\$83.09	
INTEREST ON OP. CAP.	acre	\$101.21	1.0000	\$101.21	
TOTAL DIRECT EXPENSES				\$13,841.62	
RETURNS ABOVE DIRECT EXPENSES				-\$13,841.62	
TOTAL FIXED EXPENSES				\$495.74	
TOTAL SPECIFIED EXPENSES				\$14,337.36	
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-\$14,337.36	

**Plastic Mulch, Wood Stakes, Plastic String, Box Tomato, & 5-Gal Bucket*

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Estimated Resource Use and Costs for Field Operations, per Acre
Tomatoes, fresh market, irrigated
6 ft row Spacing, 16 gpm with 7,260 ft of drip tape, Arkansas 2017



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	
Lime (Spread)	ton			0.33	Feb							0.3300	\$50.00	\$16.50	\$16.50
Chisel Plow	7'	2WD 75 hp	0	0.22	1.00	Feb	\$2.39	\$1.32	\$0.35	\$0.58	0.22	\$2.77			\$7.41
Disk Harrow	10'	2WD 75 hp	0	0.198	2.00	Mar	\$4.30	\$2.38	\$0.87	\$1.77	0.39	\$4.98			\$14.30
Fert-Cyclone Spin	750 lb	2WD 75 hp	0	0.084	1.00	Mar	\$0.92	\$0.50	\$0.09	\$0.32	0.08	\$1.06			\$2.89
Amm Nitrate (34%)	cwt											1.1700	\$14.28	\$16.71	\$16.71
Phosphorus(46% P2O5)	cwt											2.6000	\$22.68	\$58.97	\$58.97
Potash (60% K2O)	cwt											2.0000	\$16.52	\$33.04	\$33.04
Disk + Incorporate	10'	2WD 75 hp	0	0.206	1.00	Mar	\$2.23	\$1.24	\$0.85	\$1.45	0.30	\$3.66			\$9.43
Dual Magnum	pt											1.3300	\$13.63	\$18.13	\$18.13
BS, Lay/Tape/Tomato	Bed 6'cntr	2WD 75 hp	1	0.078	1.00	Mar	\$11.68	\$6.46	\$2.88	\$7.83	1.07	\$13.53			\$42.38
Plastic Mulch	roll											1.8000	\$166.00	\$298.80	\$298.80
Drip Tape	roll											1.2000	\$182.50	\$219.00	\$219.00
Plntr/H2O Tomato	1R 6'cntr	2WD 75 hp	1	0.718	1.00	Apr	\$18.62	\$10.30	\$2.49	\$3.85	6.87	\$75.09			\$110.35
PLANTING LABOR	hour										30.00	\$311.40			\$311.40
Tomato Plants-Hybrid	thous											4.4000	\$200.00	\$880.00	\$880.00
Fert 15-30-15	lb											37.5000	\$2.52	\$94.50	\$94.50
Admire Pro	oz											7.0000	\$1.70	\$11.90	\$11.90
Irrigation				1.00	Apr										
Rural Water	ac-in											12.0000	\$100.71	\$1,208.52	\$1,208.52
Fertigate CAN03/KN03				1.00	Apr										
FERTIGATION LABOR	hour										1.00	\$10.38			\$10.38
Calcium Nitrate	lb											30.0000	\$0.46	\$13.80	\$13.80
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0	0.245	1.00	Apr	\$2.66	\$1.47	\$9.87	\$16.45	0.24	\$3.08			\$33.53
Bravo Weather Stick	pt											1.5000	\$20.80	\$31.20	\$31.20
Radiant 1SC	oz											5.0000	\$6.81	\$34.05	\$34.05
Fertigate CAN03/KN03				1.00	Apr										
FERTIGATION LABOR	hour										1.00	\$10.38			\$10.38
Calcium Nitrate	lb											30.0000	\$0.46	\$13.80	\$13.80
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0	0.245	1.00	Apr	\$2.66	\$1.47	\$9.87	\$16.45	0.24	\$3.08			\$33.53
Radiant 1SC	oz											5.0000	\$6.81	\$34.05	\$34.05
Quadris	oz											5.0000	\$1.91	\$9.55	\$9.55
Fertigate CAN03/KN03				2.00	Apr										
FERTIGATION LABOR	hour										2.00	\$20.76			\$20.76
Calcium Nitrate	lb											60.0000	\$0.46	\$27.60	\$27.60
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0	0.245	1.00	May	\$2.66	\$1.47	\$9.87	\$16.45	0.24	\$3.08			\$33.53
Quadris	oz											5.0000	\$1.91	\$9.55	\$9.55
Brigade 2EC	oz											6.0000	\$0.98	\$5.88	\$5.88
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0	0.245	1.00	May	\$2.66	\$1.47	\$9.87	\$16.45	0.24	\$3.08			\$33.53
Radiant 1SC	oz											10.0000	\$6.81	\$68.10	\$68.10
Sprayer Air Blast	16' 100 ga	2WD 75 hp	0	0.245	1.00	May	\$2.66	\$1.47	\$9.87	\$16.45	0.24	\$3.08			\$33.53
Brigade 2EC	oz											6.0000	\$0.98	\$5.88	\$5.88
Bravo Weather Stick	pt											2.0000	\$20.80	\$41.60	\$41.60
Oberon 2SC	oz											8.0000	\$3.52	\$28.16	\$28.16
Fertigate CAN03/KN03				1.00	May										
FERTIGATION LABOR	hour										1.00	\$10.38			\$10.38
Calcium Nitrate	lb											30.0000	\$0.46	\$13.80	\$13.80
HAND & STOR LABOR	hour			1.00	May						10.00	\$103.80			\$103.80
Wood Stakes	100											44.0000	\$15.00	\$660.00	\$660.00
Plastic string	6000'											4.0000	\$11.00	\$44.00	\$44.00
Fertigate CAN03/KN03				3.00	May										
FERTIGATION LABOR	hour										3.00	\$31.14			\$31.14
Calcium Nitrate	lb											90.0000	\$0.46	\$41.40	\$41.40

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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	
Sucker Control				1.00	Jun										
HAND LABOR	hour									5.00	\$51.90				\$51.90
Fertigate CAN03/KN03				1.00	Jun										
FERTIGATION LABOR	hour									1.00	\$10.38				\$10.38
Calcium Nitrate	lb											30.0000	\$0.46	\$13.80	\$13.80
Sprayer Air Blast	16' 100 ga	2WD 75 hp 0	0.245	1.00	Jun	\$2.66	\$1.47	\$9.87	\$16.45	0.24	\$3.08				\$33.53
Bravo Weather Stick	pt											2.0000	\$20.80	\$41.60	\$41.60
Brigade 2EC	oz											6.0000	\$0.98	\$5.88	\$5.88
Fertigate CAN03/KN03				3.00	Jun										
FERTIGATION LABOR	hour									3.00	\$31.14				\$31.14
Calcium Nitrate	lb											90.0000	\$0.46	\$41.40	\$41.40
Sprayer Air Blast	16' 100 ga	2WD 75 hp 0	0.245	1.00	Jul	\$2.66	\$1.47	\$9.87	\$16.45	0.24	\$3.08				\$33.53
Brigade 2EC	oz											6.0000	\$0.98	\$5.88	\$5.88
Trailer - Vegetables	16'	2WD 75 hp 0	0.09	1.00	Jul	\$0.97	\$0.54	\$0.05	\$0.08	0.18	\$2.06				\$3.70
CustomHarvest Tomato	box			1.00	Jul							1600.0000	\$1.00	\$1,600.00	\$1,600.00
5-Gal Bucket	each											200.0000	\$3.95	\$790.00	\$790.00
GRADE & PACK LABOR	hour			1.00	Jul					320.00	\$3,321.60				\$3,321.60
Box Tomato	box											1600.0000	\$1.84	\$2,944.00	\$2,944.00
Mulch Lifter	1-Row	2WD 75 hp 0	0.589	1.00	Jul	\$6.39	\$3.53	\$0.15	\$2.48	0.58	\$7.40				\$19.95
LABOR MULCH CLEANUP	hour									15.00	\$155.70				\$155.70
Irrigation Setup	acre				Apr							1.0000			\$325.67
TOTALS						\$66.12	\$36.56	\$76.82	\$133.51	403.45	\$4,201.07			\$9,381.05	\$14,220.80
INTEREST ON OPERATING CAPITAL															\$101.21
UNALLOCATED LABOR															\$15.35
TOTAL SPECIFIED COST															\$14,337.36