

Intervale Community Farm

Andy Jones

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Field Production Cost for 1 Acre of Field Tomatoes

	Machine hours	Machine cost total	Person hours	Labor cost	Materials Cost	Total Cost
Overall Production stats	29	\$ 401.00	278.5	\$ 3,063.50	\$ 2,520.00	\$ 5,984.50

Activity	Machine hours	Cost per hour	Person hours	Cost per hour	Materials Cost	Total Cost	Notes
Initial Field Preparation							
Plow field	1.5	\$ 16.00	2	\$ 11.00	\$ -	\$ 46.00	
Spread compost, 25 yd/A	2.5	\$ 16.00	3	\$ 11.00	\$ 375.00	\$ 448.00	
Disc field	0.5	\$ 16.00	0.75	\$ 11.00	\$ -	\$ 16.25	
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Rototill/bedform	2	\$ 16.00	2.5	\$ 11.00	\$ -	\$ 59.50	
Fertilize beds K2SO4/SulPoMg			3	\$ 11.00	\$ 30.00	\$ 63.00	
Lay plastic & drip tape	3.5	\$ 16.00	8	\$ 11.00	\$ 400.00	\$ 544.00	
Subtotal, field prep costs	11	\$ 16.00	20.75	\$ 11.00	\$ 805.00	\$ 1,209.25	
Transplant production							
Sow seeds - 10 trays			1.5	\$ 11.00	\$ 140.00	\$ 156.50	seed; soil; trays
Pot up to 2" cells			25	\$ 11.00	\$ 175.00	\$ 450.00	potting soil; trays
Growing costs - 8000 plants			20	\$ 11.00	\$ 400.00	\$ 620.00	GH space & watering
Subtotal, transplant production			46.5		\$ 715.00	\$ 1,226.50	
Growing costs -- Field							
Transplanting (7000+/- plants)	6	\$ 16.00	16.5	\$ 11.00		\$ 277.50	
Install stakes	3	\$ 16.00		45	\$ 11.00	\$ 900.00	\$ 1,443.00
Weave plants				34.5	\$ 11.00	\$ 25.00	\$ 404.50
Weave plants				28.75	\$ 11.00	\$ 25.00	\$ 341.25
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Rototill between plastic	3	\$ 9.00		3	\$ 11.00	\$ 60.00	\$ 60.00
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Hoe/handweed plastic edges				10	\$ 11.00	\$ 110.00	\$ 110.00
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Subtotal, growing costs -- field	18			211.25		\$ 1,000.00	\$ 3,548.75

Notes:
 Rent includes fixed and operating costs.
 Cost per hour for personnel includes payroll taxes and other employment costs.
 Determinate tomato plants are set in single rows 5 feet apart, 15" in-row.
 Basket weave trellis system with 1 stake for every two plants.
 22 beds @ 380 feet each