

**Estimated Costs of Producing a One Hundred Foot Row of Tomatoes on Plastic for Fresh Market,
North Florida, 2007**

Item	Unit	Quantity/ 100 ft	Price	Cost/Acre	Your Cost
Variable Costs					
Plants	plant	100.00	0.10	10.00	_____
Lime & Gypsum	lbs.	10.00	0.10	1.00	_____
Fertilizer (7-20-7)	cwt.	0.40	18.00	7.20	_____
Fertilizer Liquid (4-0-8 Liq.)	gal.	4.00	0.84	3.36	_____
Black Plastic (4K Roll)	rolls	0.04	120.00	4.80	_____
UV Plastic Strips	acre	0.02	100.00	2.00	_____
Plastic Removal	acre	0.02	75.00	1.50	_____
Herbicide	acre	0.02	30.07	0.60	_____
Insecticide	acre	0.02	368.76	7.38	_____
Fungicide	acre	0.02	233.80	4.68	_____
Fumigation	lbs.	4.00	2.70	10.80	_____
Stakes	1000	0.08	12.50	1.00	_____
Twine	roll	0.02	12.50	0.25	_____
Other Labor	hr.	2.00	8.50	17.00	_____
Machinery	acre	0.02	103.29	2.07	_____
P/U Truck	mi.	6.00	0.19	1.14	_____
Irrigation	acre	0.02	408.00	8.16	_____
Land Rent	acre	0.01	250.00	2.50	_____
Interest on Oper. Cap.	\$	85.43	0.07	6.40	_____
Pre-Harvest Variable Costs w plastic mulch				91.83	_____
Pre-Harvest Variable Costs w/o plastic mulch & fumigation				83.53	

Unit Operation	Times Over	Var. Cost \$/Hr.	Fixed Cost \$/Hr.	Hrs/ Acre	Tot Var \$/Acre	Total Fixed \$/Acre
Plow	1	11.60	18.10	0.250	2.90	4.53
Disk	2	20.92	24.39	0.15	6.07	7.07
Fertilizer Application	2	8.97	8.30	0.19	3.41	3.15
Mulch-Bed	1	8.38	7.21	0.52	4.36	3.75
Totals					16.73	18.50

Tomato pesticide cost - \$/A

	Name	Units	Price	Dosage	NumApps	Cost - \$/A
Herb	metribuzin(Sencor)	lb.	20.68	0.5	1	10.34
	paraquat(Gramoxone)	pt.	4.42	2.5	1	11.05
	fluomioxazin (Valor)	oz.	4.34	2	1	8.68
						30.07
Insect	esfenvalerate(Asana)	oz.	0.71	9.6	10	68.16
	spinosad(SpinTor)	oz.	5.01	6	10	300.60
						368.76
Fung.	Mancozeb	lb.	2.60	3	14	109.20
	Cupric Hydrox.	lb.	2.24	2	10	44.80
	chlorothalonil(Bravo WS)	lb.	5.32	1.5	10	79.80
						233.80

Total pesticide cost \$/A

632.63