

**Estimated Costs of Producing a One Hundred Foot Row of Irrigated Watermelons,
North Florida, 2007**

Item	Unit	Quantity/ 100 ft	Price	Value/ 100 ft	Your Cost
Cash Expenses					
Plants	each	50.00	0.16	7.85	_____
Fertilizer					
Mixed	lb.	30.00	0.15	4.50	_____
Lime	lb.	10.00	0.10	1.00	_____
Fungicide	acre	0.02	59.44	1.19	_____
Insecticide	acre	0.02	10.93	0.22	_____
Herbicide	acre	0.02	78.15	1.56	_____
plastic mulch	acre	0.05	120.00	6.36	_____
Plastic removal	acre	0.02	75.00	1.50	_____
Tractor +Machinery	acre	0.02	53.77	1.08	_____
Truck (pickup)	mi.	5.00	0.19	0.95	_____
Labor (Pre-harvest)	hr.	0.50	8.50	4.25	_____
Irrigation	appl.	0.02	408.00	8.16	_____
Land Rent	acre	0.02	200.00	4.00	_____
Interest on Cash Expenses*	\$	42.62	0.07	2.98	_____
Total Cash Expenses				45.60	_____

Watermelons

Unit	Times	Var. Cost	Hrs/	Tot Var
Operation	Over	\$/Hr.	Acre	\$/Acre
Plow	1	11.60	0.250	2.90
Disk	2	20.92	0.15	6.07
Fertilizer Application	1	8.97	0.19	1.70
Mulch-Bed	1	8.38	0.52	4.36
Transplant	1	7.40	1.80	13.32
Cultivate	2	7.17	0.28	4.02
Spray	5	7.57	0.16	6.06
Farm Wagon	3	7.87	0.65	15.35
Totals				53.77

Watermelon pesticide costs - \$/A

Type	Name	Units	Price	Dosage	NumApps	Cost - \$/A
Herb	ethalflurin(Curbit)	pt.	5.98	3	1	17.94
	naphthalam(Alanap L)	qt.	7.94	6	1	47.64
	sethoxydim(Poast)	pt.	8.38	1.5	1	12.57
						78.15
Insect	esfenvalerate(Asana)	oz.	0.71	7.7	2	10.93
						10.93
Fung.	ethylene(bis)dithiocarbamate lb.		2.60	2.15	4	22.36
	chlorothalonil(Bravo WS)	pt.	5.32	1.5	2	15.96
	azoxystrobin(Abound)	oz.	1.92	11	1	21.12
						59.44
Total pesticide cost - \$/A						148.52