

Table 19.A Summary of estimated costs per acre  
 Watermelons, irrigated  
 8 ft spacing with 20 gpm with 8,712 ft of drip tape,  
 Alabama, MALTAG 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	346.29	1.0000	346.29	_____
FUNGICIDE	acre	43.21	1.0000	43.21	_____
INSECTICIDE	acre	24.28	1.0000	24.28	_____
SEED/PLANTS	acre	142.20	1.0000	142.20	_____
OTHER	acre	950.00	1.0000	950.00	_____
IRRIGATION SUPPLIES	acre	637.50	1.0000	637.50	_____
FERTIGATION LABOR	hour	8.00	9.0000	72.00	_____
HAND LABOR	hour	8.00	2.2954	18.36	_____
LABOR MULCH CLEANUP	hour	8.00	15.0000	120.00	_____
OPERATOR LABOR	hour	9.41	4.0496	38.11	_____
DIESEL FUEL	gal	2.41	15.6332	37.66	_____
REPAIR & MAINTENANCE	acre	47.55	1.0000	47.55	_____
INTEREST ON OP. CAP.	acre	49.40	1.0000	49.40	_____
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TOTAL DIRECT EXPENSES				2526.56	_____
TOTAL FIXED EXPENSES				619.34	_____
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TOTAL SPECIFIED EXPENSES				3145.90	_____

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





Table 19.C Breakeven price above total expenses and net returns for price/yield combinations, per acre  
 Watermelons, irrigated  
 8 ft spacing with 20 gpm with 8,712 ft of drip tape, Alabama, MALTAG, 2007

			-----BREAKEVEN PRICE-----										
Watermelons			11.15	11.81	12.56	13.44	14.48	15.72	17.25	19.15	21.60	24.87	29.44
PERCENT	YIELD	UNIT	-----dollars-----										
50	100.00	cwt	-1209	-1144	-1068	-980	-876	-752	-599	-409	-164	162	619
			-1828	-1763	-1688	-1600	-1496	-1371	-1219	-1028	-783	-457	0
60	120.00	cwt	-1026	-948	-857	-752	-627	-477	-295	-66	227	619	1167
			-1645	-1567	-1477	-1371	-1246	-1097	-914	-685	-391	0	548
70	140.00	cwt	-843	-752	-646	-523	-378	-203	9	276	619	1076	1716
			-1462	-1371	-1266	-1142	-997	-822	-609	-342	0	457	1097
80	160.00	cwt	-660	-556	-435	-295	-128	70	314	619	1011	1533	2265
			-1280	-1175	-1055	-914	-748	-548	-304	0	391	914	1645
90	180.00	cwt	-477	-360	-224	-66	120	345	619	962	1403	1990	2813
			-1097	-979	-844	-685	-498	-274	0	342	783	1371	2194
100	200.00	cwt	-295	-164	-13	162	369	619	924	1305	1794	2448	3362
			-914	-783	-633	-457	-249	0	304	685	1175	1828	2743
110	220.00	cwt	-112	31	197	390	619	893	1228	1647	2186	2905	3911
			-731	-587	-422	-228	0	274	609	1028	1567	2285	3291
120	240.00	cwt	70	227	408	619	868	1167	1533	1990	2578	3362	4459
			-548	-391	-211	0	249	548	914	1371	1959	2743	3840
130	260.00	cwt	253	423	619	847	1118	1442	1838	2333	2970	3819	5008
			-365	-195	0	228	498	822	1219	1714	2351	3200	4388
140	280.00	cwt	436	619	830	1076	1367	1716	2143	2676	3362	4276	5556
			-182	0	211	457	748	1097	1523	2057	2743	3657	4937
150	300.00	cwt	619	815	1041	1305	1616	1990	2448	3019	3754	4733	6105
			0	195	422	685	997	1371	1828	2400	3134	4114	5486

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.