

Table 1.A: Estimated costs per acre
Cucumbers, Slicers, Irrigated
 5ft spacing with 20gpm with 8712 ft of drip tape
 Alabama - MALTA, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER					
Lime (Spread)	ton	28.77	0.4950	14.24	_____
Fert 13-13-13	cwt	18.32	6.0000	109.92	_____
Calcium Nitrate	lbs	0.35	200.0000	70.00	_____
FUNGICIDE					
Quadris	oz	2.12	22.0000	46.64	_____
INSECTICIDE					
Diazinon 50W	lb.	4.53	6.0000	27.18	_____
Asana XL	oz	0.71	18.0000	12.78	_____
SEED/PLANTS					
Cucumber - Hybrid	lb	93.16	3.0000	279.48	_____
OTHER					
Plastic Mulch 5ft	4000ft	120.00	3.0000	360.00	_____
Drip Tape (6000Ft)	Roll	131.00	2.0000	262.00	_____
Cost of Water	6" ac	24.00	1.0000	24.00	_____
Irri. Setup 5' 20gpm	8712ft	374.87	1.0000	374.87	_____
5-Gal Bucket	each	1.00	200.0000	200.00	_____
Labor(Packing)	each	0.75	300.0000	225.00	_____
Labor Clean up	acre	100.00	1.0000	100.00	_____
OPERATOR LABOR					
Tractors	hour	9.82	6.5663	64.49	_____
Harvest Labor					
Special Labor	hour	6.44	120.0000	772.80	_____
HAND LABOR					
Implements	hour	6.44	7.9274	51.05	_____
Fertigation Labor					
Special Labor	hour	6.44	8.0000	51.52	_____
DIESEL FUEL					
Tractors	gal	1.34	25.3486	33.99	_____
REPAIR & MAINTENANCE					
Implements	acre	40.98	1.0000	40.98	_____
Tractors	acre	5.64	1.0000	5.64	_____
INTEREST ON OP. CAP.	acre	30.72	1.0000	30.72	_____
TOTAL DIRECT EXPENSES				3157.30	_____
FIXED EXPENSES					
Implements	acre	78.03	1.0000	78.03	_____
Tractors	acre	35.10	1.0000	35.10	_____
TOTAL FIXED EXPENSES				113.13	_____
TOTAL SPECIFIED EXPENSES				3270.43	_____

Note: Cost of production estimates are based on last year's input price

Table 1.B Estimated resource use and costs for field operations, per acre
 Cucumbers, Slicers, Irrigated
 5ft spacing with 20gpm with 8712 ft of drip tape, Alabama - MALTA, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC HOURS	LABOR COST	OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED			AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			0.33	Mar							0.4950	28.77	14.24	14.24
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Mar	1.33	1.18	0.42	0.75	0.22	2.16				5.84
Cyclone Spin	825 Lb	2WD 75 hp	0.084	1.00	Mar	0.51	0.45	0.05	0.18	0.08	0.83				2.02
Fert 13-13-13	cwt											6.0000	18.32	109.92	109.92
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Mar	1.20	1.06	0.48	1.05	0.19	1.95				5.74
Disk + Incorporate	10 Ft	2WD 75 hp	0.206	1.00	Apr	1.25	1.10	0.85	1.56	0.30	2.69				7.45
Diazinon 50W	lb.											6.0000	4.53	27.18	27.18
BS.lay/tape/Cucumber	4ftctr	2WD 75 hp	1.617	1.00	Apr	9.76	8.65	1.79	5.30	1.61	15.89				41.39
Plastic Mulch 5ft	4000ft											3.0000	120.00	360.00	360.00
Drip Tape (6000Ft)	Roll											2.0000	131.00	262.00	262.00
Plntr/H2O Cucumber	1R 4ftctr	2WD 75 hp	2.578	1.00	Apr	15.55	13.79	1.88	3.17	10.31	75.13				109.52
Cucumber - Hybrid	lb											3.0000	93.16	279.48	279.48
Irrigation				1.00	Apr										
Cost of Water	6" ac											1.0000	24.00	24.00	24.00
Irri. Setup 5' 20gpm	8712ft											1.0000	374.87	374.87	374.87
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Apr	1.48	1.31	8.84	15.96	0.24	2.41				30.00
Asana XL	oz											6.0000	0.71	4.26	4.26
Fertigation				1.00	Apr										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Fertigation				1.00	Apr										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Apr	1.48	1.31	8.84	15.96	0.24	2.41				30.00
Quadris	oz											11.0000	2.12	23.32	23.32
Fertigation				1.00	May										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Fertigation				1.00	May										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	May	1.48	1.31	8.84	15.96	0.24	2.41				30.00
Quadris	oz											11.0000	2.12	23.32	23.32
Asana XL	oz											6.0000	0.71	4.26	4.26
Fertigation				1.00	May										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Fertigation				1.00	May										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Jun	1.48	1.31	8.84	15.96	0.24	2.41				30.00
Asana XL	oz											6.0000	0.71	4.26	4.26
Fertigation				1.00	Jun										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Jun	1.48	1.31	8.84	15.96	0.24	2.41				30.00
Asana XL	oz											6.0000	0.71	4.26	4.26
Fertigation				1.00	Jun										
Fertigation Labor	hour									1.00	6.44				6.44
Calcium Nitrate	lbs											25.0000	0.35	8.75	8.75
Trailer - Vegetables		2WD 75 hp	0.090	1.00	Jun	0.55	0.48	0.04	0.08	0.18	1.46				2.61

Harvest Labor	hour			1.00	Jun					120.00	772.80					772.80
5-Gal Bucket	each											200.0000	1.00	200.00		200.00
Labor(Packing)	each											300.0000	0.75	225.00		225.00
Plastic Clean Up				1.00	Jun											
Mulch Lifter	1 Row	2WD 75 hp	0.589				3.56	3.15	0.11	2.10	0.58	5.79				14.71
Labor Clean up	acre												1.0000	100.00	100.00	100.00
						-----								-----		
TOTALS							39.63	35.10	40.98	78.03	142.49	939.86			2106.11	3239.71
INTEREST ON OPERATING CAPITAL																30.72
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																3270.43

Note: Cost of production estimates are based on last year's input prices.

Table 1.C: Breakeven Price Above Total Expenses and Net Returns for Price/Yield Combinations, Per Acre
 Cucumbers, Slicers, Irrigated
 5ft spacing with 20gpm with 8712 ft of drip tape, Alabama - MALTA, 2005

			BREAKEVEN PRICE										
Cucumbers			7.51	8.00	8.55	9.21	9.97	10.9	12.02	13.43	15.25	17.66	21.04
PERCENT	YIELD	UNIT	dollars										
50	150	551b	-1916	-1843	-1760	-1662	-1547	-1409	-1239	-1028	-756	-394	113
			-2029	-1957	-1873	-1775	-1660	-1522	-1353	-1141	-869	-507	0
60	180	551b	-1713	-1626	-1526	-1409	-1270	-1104	-901	-647	-321	113	722
			-1826	-1739	-1639	-1522	-1383	-1217	-1014	-761	-434	0	608
70	210	551b	-1510	-1409	-1291	-1155	-993	-800	-563	-267	113	620	1330
			-1623	-1522	-1405	-1268	-1107	-913	-676	-380	0	507	1217
80	240	551b	-1307	-1191	-1057	-901	-717	-495	-225	113	548	1127	1939
			-1420	-1304	-1170	-1014	-830	-608	-338	0	434	1014	1826
90	270	551b	-1104	-974	-823	-647	-440	-191	113	493	982	1635	2548
			-1217	-1087	-936	-761	-553	-304	0	380	869	1522	2435
100	300	551b	-901	-756	-589	-394	-163	113	451	874	1417	2142	3157
			-1014	-869	-702	-507	-276	0	338	761	1304	2029	3044
110	330	551b	-698	-539	-355	-140	113	417	789	1254	1852	2650	3766
			-811	-652	-468	-253	0	304	676	1141	1739	2537	3653
120	360	551b	-495	-321	-121	113	389	722	1127	1635	2287	3157	4375
			-608	-434	-234	0	276	608	1014	1522	2174	3044	4262
130	390	551b	-292	-104	113	366	666	1026	1466	2015	2722	3664	4984
			-405	-217	0	253	553	913	1353	1902	2609	3551	4871
140	420	551b	-89	113	347	620	943	1330	1804	2396	3157	4172	5593
			-202	0	234	507	830	1217	1691	2283	3044	4059	5479
150	450	551b	113	330	581	874	1220	1635	2142	2776	3592	4679	6201
			0	217	468	761	1107	1522	2029	2663	3479	4566	6088

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 last year's input price.