

Estimating 2004 Costs of Production

CUCUMBER, SLICERS

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ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	96.55	1.0000	96.55	_____
FUNGICIDE	acre	80.40	1.0000	80.40	_____
INSECTICIDE	acre	49.14	1.0000	49.14	_____
SEED/PLANTS	acre	221.19	1.0000	221.19	_____
OTHER	acre	785.00	1.0000	785.00	_____
OPERATOR LABOR	hour	9.54	6.7136	64.04	_____
HARVEST LABOR	hour	6.44	83.3000	536.45	_____
HAND LABOR	hour	6.44	9.4551	60.89	_____
DIESEL FUEL	gal	1.05	25.9173	27.23	_____
REPAIR & MAINTENANCE	acre	78.44	1.0000	78.44	_____
INTEREST ON OP. CAP.	acre	16.72	1.0000	16.72	_____

TOTAL DIRECT EXPENSES				2016.05	_____
TOTAL FIXED EXPENSES				146.90	_____

TOTAL SPECIFIED EXPENSES				2162.95	_____

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Table 2. Estimated resource use and costs for field operations per acre, Cucumber, Slicers Arkansas, 2004 (MALTA Project)

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	1.34	0.96	0.15	0.26	0.22	2.10				4.81
Cyclone Spin	600 Lb	2WD 75 hp	0.084	1.00	Mar	0.51	0.37	0.03	0.13	0.08	0.80				1.84
Fert 13-13-13	cwt											6.0000	11.56	69.36	69.36
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Mar	1.21	0.87	0.21	0.45	0.19	1.89				4.63
Disk + Incorporate	10 Ft	2WD 75 hp	0.206	1.00	Apr	1.27	0.90	0.35	0.62	0.30	2.63				5.77
Diazinon 50W	lb.											6.0000	4.05	24.30	24.30
Bd Shpr/LayCucumber	Bed 4ftctr	2WD 75 hp	1.617	1.00	Apr	9.89	7.07	1.62	4.58	3.23	25.85				49.01
Plastic Mulch 5ft	4000ft											3.0000	120.00	360.00	360.00
Plntr/H2O Cucumber	1R 4ftctr	2WD 75 hp	2.578	1.00	Apr	15.76	11.26	1.76	2.86	10.31	74.41				106.05
Cucumber-Hybrid	lb											3.0000	73.73	221.19	221.19
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Apr	1.51	1.07	8.39	14.56	0.24	2.34				27.87
Asana XL	oz											6.0000	0.69	4.14	4.14
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	3.00	Apr	4.51	3.22	25.16	43.67	0.73	7.03				83.59
Bravo Weather Stick	pt											9.0000	5.36	48.24	48.24
Asana XL	oz											18.0000	0.69	12.42	12.42
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	May	1.51	1.07	8.39	14.56	0.24	2.34				27.87
Bravo Weather Stick	pt											3.0000	5.36	16.08	16.08
Asana XL	oz											6.0000	0.69	4.14	4.14
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Jun	1.51	1.07	8.39	14.56	0.24	2.34				27.87
Asana XL	oz											6.0000	0.69	4.14	4.14
Side Dresser	2R 6ft	2WD 75 hp	0.423	1.00	Jun			1.71	6.70						8.41
Amm Nitrate (34%)	cwt											1.0000	12.95	12.95	12.95
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	1.00	Jun	1.51	1.07	8.39	14.56	0.24	2.34				27.87
Bravo Weather Stick	pt											3.0000	5.36	16.08	16.08
Trailer - Vegetables		2WD 75 hp	0.090	1.00	Jun	0.55	0.39	0.04	0.07	0.09	0.86				1.91
HARVEST LABOR	hour									83.30	536.45				536.45
5-Gal Bucket	each											200.0000	1.00	200.00	200.00
Labor(sacking)	each			1.00	Jun							100.0000	0.75	75.00	75.00
Hauling	trip											6.0000	25.00	150.00	150.00
TOTALS						41.08	29.32	64.59	117.58	99.46	661.38			1232.28	2146.23
INTEREST ON OPERATING CAPITAL															16.72
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2162.95

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

Information presented in this document is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm operation. The mention of any commercial product in this analysis does not imply its endorsement by the University of Arkansas Cooperative Extension Service over other products not named, nor does the omission imply that they are not satisfactory. This budget does not include costs for land, overhead, or management.

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