

## Estimating 2004 Costs of Production

### SOUTHERN PEAS

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ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>DIRECT EXPENSES</b>					
FERTILIZER	acre	49.77	1.0000	49.77	_____
HERBICIDE	acre	1.62	1.0000	1.62	_____
INSECTICIDE	acre	25.95	1.0000	25.95	_____
SEED/PLANTS	acre	18.50	1.0000	18.50	_____
OTHER	acre	100.00	1.0000	100.00	_____
OPERATOR LABOR	hour	9.54	2.7793	26.51	_____
HARVEST LABOR	hour	6.44	40.0000	257.60	_____
MARKETING LABOR	hour	6.44	30.0000	193.20	_____
HAND LABOR	hour	6.44	0.0969	0.62	_____
DIESEL FUEL	gal	1.05	10.7295	11.28	_____
REPAIR & MAINTENANCE	acre	53.27	1.0000	53.27	_____
INTEREST ON OP. CAP.	acre	4.14	1.0000	4.14	_____
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<b>TOTAL DIRECT EXPENSES</b>				<b>742.46</b>	_____
<b>TOTAL FIXED EXPENSES</b>				<b>93.98</b>	_____
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<b>TOTAL SPECIFIED EXPENSES</b>				<b>836.44</b>	_____

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University of Arkansas, United States Department of Agriculture and County Governments cooperating

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Table 2. Estimated resource use and costs for field operations per acre, Southern Peas 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	Jan							0.4950	28.77	14.24	14.24
Sub-Soiler	2 Shank	2WD 75 hp	0.404	1.00	Feb	2.47	1.77	0.51	1.21	0.40	3.86				9.82
Cyclone Spin	600 Lb	2WD 75 hp	0.084	1.00	Feb	0.51	0.37	0.03	0.13	0.08	0.80				1.84
Amm Nitrate (34%)	cwt											0.5000	12.95	6.48	6.48
Phosphorus(46% P205)	cwt											1.5600	11.80	18.41	18.41
Potash (60% K20)	cwt											1.2000	8.87	10.64	10.64
Disk Harrow	14 Ft	2WD 75 hp	0.141	2.00	Mar	1.73	1.24	0.58	1.22	0.28	2.70				7.47
Disk Bed	4-Row	2WD 75 hp	0.140	1.00	Mar	0.86	0.62	0.22	0.59	0.14	1.34				3.63
Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	Apr	1.19	0.85	0.17	0.46	0.29	2.47				5.14
Treflan HFP	pt											0.5000	3.24	1.62	1.62
Plntr - Vacuum	4 Row	2WD 75 hp	0.226	1.00	Apr	1.39	0.99	12.24	19.46	0.22	2.16				36.24
Southern Peas-OP	lb											10.0000	1.85	18.50	18.50
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
Diazinon 50W	lb.											1.2500	4.05	5.06	5.06
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	3.00	May	4.51	3.22	25.16	43.67	0.73	7.03				83.59
Thiodan 3EC	qt											2.6580	7.86	20.89	20.89
Cultivate	4-Row	2WD 75 hp	0.193	1.00	May	1.19	0.85	0.11	0.30	0.19	1.85				4.30
Trailer - Vegetables		2WD 75 hp	0.090	3.00	May	1.65	1.18	0.13	0.22	0.27	2.58				5.76
HARVEST LABOR	hour			1.00	May					40.00	257.60				257.60
5-Gal Bucket	each											20.0000	1.00	20.00	20.00
MARKETING LABOR	hour			1.00	May					30.00	193.20				193.20
Bushel Box	each											64.0000	1.25	80.00	80.00
TOTALS						17.01	12.16	47.54	81.82	72.87	477.93			195.84	832.30
INTEREST ON OPERATING CAPITAL															4.14
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															836.44

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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