

## Estimating 2004 Costs of Production

### SPRING CABBAGE

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ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>DIRECT EXPENSES</b>					
FERTILIZER	acre	132.62	1.0000	132.62	_____
FUNGICIDE	acre	40.20	1.0000	40.20	_____
HERBICIDE	acre	6.48	1.0000	6.48	_____
INSECTICIDE	acre	19.16	1.0000	19.16	_____
SEED/PLANTS	acre	344.78	1.0000	344.78	_____
OTHER	acre	684.00	1.0000	684.00	_____
OPERATOR LABOR	hour	9.54	5.8252	55.56	_____
HARVEST LABOR	hour	6.44	35.0000	225.40	_____
PLANTING LABOR	hour	6.44	30.0000	193.20	_____
MARKETING LABOR	hour	6.44	11.5000	74.06	_____
HAND LABOR	hour	6.44	7.6582	49.32	_____
DIESEL FUEL	gal	1.05	22.4879	23.61	_____
REPAIR & MAINTENANCE	acre	78.09	1.0000	78.09	_____
INTEREST ON OP. CAP.	acre	22.62	1.0000	22.62	_____
		-----			
TOTAL DIRECT EXPENSES				1949.10	_____
TOTAL FIXED EXPENSES				144.62	_____
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TOTAL SPECIFIED EXPENSES				2093.72	_____

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

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			0.33	Jan							0.4950	28.77	14.24	14.24
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
Fert 13-13-13	cwt											8.0000	11.56	92.48	92.48
Chisel Plow	9 Ft	2WD 75 hp	0.220	1.00	Feb	1.34	0.96	0.15	0.26	0.22	2.10				4.81
Disk Harrow	10 Ft	2WD 75 hp	0.198	1.00	Feb	1.21	0.87	0.21	0.45	0.19	1.89				4.63
Disk Bed	2-row	2WD 75 hp	0.284	1.00	Feb	1.74	1.24	0.07	0.27	0.28	2.71				6.03
Cult + App Herb	4-Row	2WD 75 hp	0.193	1.00	Feb	1.19	0.85	0.17	0.46	0.29	2.47				5.14
Treflan HFP	pt											2.0000	3.24	6.48	6.48
Plntr/H2O Wheel	2 Row	2WD 75 hp	1.473	1.00	Feb	9.01	6.44	4.08	6.61	8.83	61.49				87.63
PLANTING LABOR	hour									30.00	193.20				193.20
Cabbage	thou											13.2000	26.12	344.78	344.78
Cultivate	2-Row	2WD 75 hp	0.390	3.00	Mar	7.17	5.12	0.44	1.16	1.17	11.18				25.07
Sprayer Air Blast	16' spray	2WD 75 hp	0.245	5.00	Mar	7.51	5.36	41.94	72.78	1.22	11.71				139.30
Bravo Weather Stick	pt											7.5000	5.36	40.20	40.20
Cultivate+Sidedress	2-Row	2WD 75 hp	0.390	1.00	Mar	2.39	1.71	0.44	1.16	0.58	4.99				10.69
Amm Nitrate (34%)	cwt											1.0000	12.95	12.95	12.95
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
Thiodan 3EC	qt											0.6650	7.86	5.23	5.23
Dipel ES	pt											1.0000	4.35	4.35	4.35
Side Dresser	2R 6ft	2WD 75 hp	0.423	1.00	Apr			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	May	1.51	1.07	8.39	14.56	0.24	2.34				27.87
Thiodan 3EC	qt											0.6650	7.86	5.23	5.23
Dipel ES	pt											1.0000	4.35	4.35	4.35
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									35.00	225.40				225.40
Field Box	each											10.0000	12.00	120.00	120.00
MARKETING LABOR	hour			1.00	Jun					11.50	74.06				74.06
Hauling	trip											4.0000	25.00	100.00	100.00
Box Cabbage	each											400.0000	0.95	380.00	380.00
Marketing Fee	bag			1.00	Jun							80.0000	1.05	84.00	84.00
TOTALS						35.64	25.45	66.06	119.17	89.98	597.54			1227.24	2071.10
INTEREST ON OPERATING CAPITAL															22.62
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2093.72

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

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