
**2006
Projected
Commodity
Costs
And
Returns**

Louisiana Vegetable Crops

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PROJECTED COSTS FOR SELECTED
LOUISIANA VEGETABLE CROPS - 2006 SEASON

by

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PROJECTED COSTS FOR SELECTED LOUISIANA VEGETABLE CROPS - 2006 SEASON

by

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Cost budgets are reported for 20 vegetable crops, with a total of 38 combinations of crop, machinery size, and market channel. Each cost budget is supplemented with a table where net return is calculated over a range of prices and yields.

Production Practices reflect cultural practices as described generally in the budget's title, generally indicating a technology level. An example might be a high production technology situation, where a farmer would use hybrid seed, higher seeding rates and fertilizer rates, and/or plastic mulch. Generally, these are a higher technology level than would be found on the typical farm, or are based on observation of specific production or marketing possibilities. Examples include machine-harvested snap beans, southern peas, and butterbeans for fresh market. Machine harvest of vegetables is not common in Louisiana. Performance rates for these machines are based on a combination of information from manufacturers and on a limited number of farm examples and research trials. Production per acre is assumed to be higher than is typically reported for Louisiana. Technology levels that justify these higher output rates are used in major US production areas. An example is cabbage production in Texas. The higher levels also have been achieved in research trials in Louisiana. However, these technologies and yields may not yet have been tested over a period of years under Louisiana farming conditions. These often are larger vegetable growers whose market objective is the regional or national wholesale market.

Other budgets describe production using small (one-row) machinery and a more traditional set of production practices. Output from farms using these practices is assumed to be sold in the local market, typically at a higher price compared to the wholesale market.

The production practices, machinery complements, and performance rates result from an economic engineering approach. Extension horticulture specialists who are knowledgeable of farming practices under the state's conditions provided the information base of cultural practices and machinery. Production practices followed by commercial growers generally conform to LSU's recommended practices. Annual budget updates primarily reflect changes in chemical label applications and input prices. Expected production per acre and price for each crop was obtained from Extension Service crop summaries, and Specialists' experience. The prices reflect whether output from the budget would typically go to local market or to the wholesale market, and reflect subjective observation of prices received by growers in the state.

The advanced technology assumed in the budgets describing larger production units offer higher expected yields and returns, but the investment introduces additional financial risk and may require greater marketing effort and skills. Watermelon budgets offer an excellent example. Typical grower practices, with low input levels, are presented in Table 26. A system that assumes more sophisticated production practices including hybrid plants, plastic mulch and drip irrigation, which requires more investment, is presented in Table 38. With its higher production cost and management requirements, the high input budget is expected to generate higher returns with lower yield risk.

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Labor Charge for Vegetable Production

Hired labor is assumed to be available at \$7.50 per hour. This rate reflects payment of minimum wage, and also is a general way of accounting for the employer portion of social security contribution and workman's compensation insurance expenses. Crop harvest operations are charged either as an hourly wage, or as piecework when that is the typical farm practice. While other enterprise budget projections published by LAES for 2006 used a higher labor charge, there was no indication that labor rates for vegetable growers had increased. In addition, hourly labor rates used in neighboring states when costing vegetable production were no higher than \$7.50.

Budget Description

These budgets may be grouped into the following categories:

- 1) market channel - fresh local and fresh wholesale markets
- 2) season - spring and fall crops
- 3) machinery size - one-row, four-row, and six-row equipment
- 4) technology level - technology exceeds that typically found on Louisiana farms

Productive inputs are summarized under direct and fixed expense headings. For each crop, an estimated operation costs per acre table details the sequence of operations; operating inputs including machinery, labor and material; total cost for each input; and total specified expenses. A second table provides a summary of estimated costs per acre by major input headings, and costs are presented as total direct expenses and total fixed expenses. In a third table, alternative yields and prices above and below a base level are used to illustrate the impact of alternative price and yield levels on returns above total direct expenses. The quantity of harvest labor and packing supplies included varies with level of output.

A summary of base prices and yields, direct and total expenses, and returns above total direct expenses is presented in Table 1. The general basis for product prices is that reported by the Louisiana Cooperative Extension Service in its annual overview of the state's agriculture.

For 2006, the production practices incorporated into the budgets changed little from 2005. Fuel prices (both gasoline and diesel) increased substantially compared to year ago levels, and are expected to remain at those higher levels in 2006. Surveys indicate that agricultural chemical prices, with an occasional exception, are similar to the levels experienced in the 2005 season. Another fuel price, natural gas, is a factor in greenhouse tomato production. Since 2002, this input price has increased and can be expected to rise further. Electricity cost has been increased by 50% to reflect fuel surcharges typical in Louisiana.

Important changes compared to 2005 budgets are in higher yields and prices for cole crops, trellised cucumbers, and strawberries. For high technology tomatoes, however, the base yield was reduced.

In past years, sweet potato yield and price had been reported in hundredweights, as reported by Louisiana Agricultural Statistics Service. However, farmers typically think of yield in 50 pound bushels. In addition, there are two components of revenue - fresh market sales and processing market sales. To increase the usefulness of the reports to farmers, the base yield was changed to 300 bushels per acre in tables 18 to 20. Of that total, 60% is assumed to be sold in the fresh market as a combination of #1, #2 and jumbos at an average price of \$10. The other 40% of the crop goes to canners, in which case the

effective price per bushel is assumed to be \$1.50 after trucking costs and additional grade-out by the canner.

Regarding Risk in Producing and Marketing Vegetables

Vegetable yields and fresh market prices vary widely within the year and from year to year. As noted above, many vegetable budgets assume that produce will be sold fresh to consumers or to wholesalers who deal in fresh produce. In this market, producers can expect low price in years when weather is favorable and/or production expands for other reasons, because the local market is particularly sensitive to supply levels. Price paid by wholesalers and shippers would be responsive to conditions in other producing areas and to product demand.

Vegetable producers also are confronted with yield risk from factors such as weather and disease. This risk may be reduced through cultural practices such as irrigation and appropriate disease prevention and control measures. However, such measures offer only partial protection against variations in yield. Before committing resources to production of any vegetable crop, growers should consider the their ability to withstand the impact of adverse financial events.

Results

Returns to growers: managerial ability depended on their willingness to accept risk, the market channel used, and the degree of mechanization and investment. At the per acre cost levels that resulted from the budgeting procedure, and using revenues from base prices and yields, returns above direct expenses varied widely. Higher technology levels provided higher estimates of returns compared with the typical technologies, as shown by tomato, cabbage and bell peppers budgets. Larger machinery (four-row) reduced cost and provided higher net returns compared with one-row machines, even when selling price was reduced to account for sales to the fresh wholesale market by larger producers. Tomatoes produced using advanced technologies, and assuming a yield appropriate to that technology, was highest in estimated net return at \$6488.34. In all cases, estimated net returns are sufficient to cover direct costs of production, including hourly charges for all labor. This change from last year's report follows primarily from the upward adjustment of prices and in some cases of yields, based on observation of changes in the industry. A majority of crop situations provided returns above direct expense in the range between \$100.00 and \$1000.00 per acre, while many other budgeted situations produced returns above direct costs between \$1,000.00 and \$2,000.00 per acre.

This information is intended as a guide only. Growers should adapt the information to their own yield and price expectations. By using machinery cost data presented in Appendix Tables 1-5, cost per hour for each machine operation can be approximated. Costs for selected operations may be substituted for those shown in the budget. Other inputs and costs may be substituted in a similar manner to tailor the budget to any individual producer's situation.

Table 1. Yields, prices, costs and returns for selected vegetable crops, Louisiana, 2006.

Crop	Yield Per Unit	Budgeted 2006 price	Total Direct Expense	Returns Above Direct Expense
			Dollars Per Acre	
Beans, Butter 1R	100 bu	20.00	1429.59	570.41
Beans, Snap 1R	150 bu	15.00	1121.16	1128.84
Broccoli, fresh 1R	300 boxes	9.00	2386.64	313.36
Cabbage, fall 1R	600 50 lb sacks	5.25	1906.39	1243.61
Cabbage, spring 1R	600 50 lb sacks	5.75	2189.39	1261.84
Cantaloupe 1R	2500 melons	1.25	1764.42	1360.58
Cauliflower 1R	300 boxes	10.00	2024.61	975.39
Corn, Sweet 1R	600 doz	3.00	1160.26	639.74
Cucumber, fresh 1R	300 bu	8.50	1805.42	744.58
Eggplant, 1R	450 bu	9.00	3496.73	365.67
Greens, Mustard 1R	600 dz. bunches	4.00	2034.33	365.67
Okra, fresh 1R	240 bu	20.00	2731.45	2068.55
Peas, Southern 1R	100 bu	20.00	1335.79	664.21
Peppers, Bell 1R	900 bu	8.00	5280.84	1919.16
Peppers, Bell 4R	900 bu	8.00	5391.37	1808.63
Potatoes, Irish 1R	150 cwt	15.00	1445.12	804.88
Sweetpotato 1R	175 cwt	12.75	1244.06	199.69
Sweetpotato, 4R, one-row riding harvester	175 cwt	15.75	1497.71	261.04
Sweetpotato, 6R, two-row riding harvester	175 cwt	15.75	1429.26	329.49
Shallots 1R	2000 dz. bunches	3.00	3263.79	736.21
Squash, fresh 1R	375 3/4 bu boxes	7.50	2142.61	669.89
Strawberries, row covers/drip irrigation	2200 flats	9.00	16984.10	2815.90
Tomato, 1 R	900 20 lb boxes	9.00	6374.34	1725.66
Tomato, plastic mulch and drip irrigation	1600 20 lb boxes	9.00	7911.66	6488.34
Watermelon 1R	200 cwt	7.00	1029.44	370.56
Beans (Butter) mechanical harvest	75 bu	20.00	802.12	697.88

Crop	Yield Per Unit	Budgeted 2005 price	Total Direct Expense	Returns Above Direct Expense
			Dollars Per Acre	
Beans(Snap) mechanical harvest	100 bu	12.00	1000.01	199.99
Cabbage, hybrid, double drilled, 6-row equipment	700 sacks	3.75	1782.58	842.42
Cucumber, hybrid, trellised	500 bu	7.25	3486.23	1013.77
Eggplant, trellis, bare soil	450.00	7.75	3203.24	846.76
Eggplant, trellis, plastic mulch, irrigated	600 bu	7.75	4652.47	747.53
Peas, Southern, mechanical harvest	75 bu	20.00	631.04	868.96
Peppers, Bell, 4-R, drip-irrigated	1600.00	7.00	9440.64	1759.36
Pumpkins, fresh, irrigated	170 cwt	7.00	1050.69	139.31
Tomatoes, bare soil, not irrigated	700 20 lb boxes	9.00	3360.80	2939.20
Tomatoes, greenhouse, fall and spring crops	660 20 lb boxes per greenhouse	27.00	15469.61	2350.39
Watermelon, plastic mulch	300 cwt	8.00	1381.67	1018.33

Table 2.B Estimated resource use and costs per acre for field operations, Beans (Butter), fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jan	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk 2R	6 ft	43	0.570	2.00	Mar	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	1.90	0.93	0.83	1.18	0.649	4.87				9.72
Treflan	pt											1.2500	2.87	3.59	3.59
Dual	pt											1.5000	13.12	19.68	19.68
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											400.0000	0.11	45.20	45.20
Hipper 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Planter 1R	3 ft	23	1.500	1.00	Apr	4.84	2.37	0.35	0.56	1.650	12.38				20.50
Butter bean seed	lbs											50.0000	1.50	75.00	75.00
Other labor	hour			1.00	May							6.0000	7.50	45.00	45.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Basagran	pt											1.0000	10.03	10.03	10.03
Cultivator 1R	3 ft	23	1.530	1.00	May	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Bravo	pt											1.5000	6.35	9.52	9.52
Orthene	lbs											0.5000	11.90	5.95	5.95
Cultivator 1R	3 ft	23	1.530	1.00	May	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											1.0000	5.43	5.43	5.43
Benlate	lb											1.0000	15.95	15.95	15.95
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											1.0000	5.43	5.43	5.43
Benlate	lb											1.0000	15.95	15.95	15.95
Trailer small	8 ft	23	1.000	1.00	Jul	3.23	1.58	0.24	0.86	1.100	8.25				14.15
Harvest Labor	bu.			1.00	Jul							100.0000	8.00	800.00	800.00
Harvest container	each											8.0000	1.00	8.00	8.00
Bushel hampers	each											33.0000	2.25	74.25	74.25
Pickup truck	1/2 ton		1.000	5.00	Jul			48.75	44.83	5.000	37.50				131.08
Disk 2R	6 ft	43	0.570	2.00	Jul	6.69	3.52	1.40	2.00	1.254	9.40				23.02
TOTALS						52.12	26.14	60.96	62.16	20.202	151.52			1177.76	1530.66
INTEREST ON OPERATING CAPITAL															19.49
TOTAL SPECIFIED COST															1550.15

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 2.B Summary of estimated costs per acre, Beans (Butter), fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	61.70	1.0000	61.70	_____
FUNGICIDES	acre	41.43	1.0000	41.43	_____
HERBICIDES	acre	43.68	1.0000	43.68	_____
HIRED LABOR	acre	45.00	1.0000	45.00	_____
INSECTICIDES	acre	28.71	1.0000	28.71	_____
PACK & HARVEST ITEMS	acre	82.25	1.0000	82.25	_____
SEED	acre	75.00	1.0000	75.00	_____
HARVEST LABOR	acre	800.00	1.0000	800.00	_____
OPERATOR LABOR	hour	7.50	20.2020	151.52	_____
DIESEL FUEL	gal	2.20	6.2985	13.86	_____
GASOLINE	gal	2.40	24.8961	59.75	_____
REPAIR & MAINTENANCE	acre	39.47	1.0000	39.47	_____
INTEREST ON OP. CAP.	acre	19.49	1.0000	19.49	_____

TOTAL DIRECT EXPENSES				1461.85	_____
TOTAL FIXED EXPENSES				88.30	_____

TOTAL SPECIFIED EXPENSES				1550.15	_____

Table 2C. Effects of yields and prices on net returns per acre above total direct expenses, Bean (Butter), fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Bushels)	-----Price Per Bushel-----				
	16.00	18.00	20.00	22.00	24.00
	-----Net Returns Per Acre-----				
70.00	-39.59	100.41	240.41	380.41	520.41
85.00	65.41	235.41	405.41	575.41	745.41
100.00	170.41	370.41	570.41	770.41	970.41
115.00	275.41	505.41	735.41	965.41	1195.41
130.00	380.41	640.41	900.41	1160.41	1420.41

Table 3.A Estimated resource use and costs per acre for field operations, Beans (Snap), fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Feb	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk 2R	6 ft	43	0.570	2.00	Mar	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Treflan	pt											1.2500	2.87	3.59	3.59
Dual	pt											1.5000	13.12	19.68	19.68
Disk 2R	6 ft	43	0.570	1.00	Mar	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											400.0000	0.11	45.20	45.20
Hipper 1R	3 ft	23	1.530	2.00	Mar	9.87	4.84	1.35	1.92	3.366	25.25				43.22
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Planter 1R	3 ft	23	1.500	1.00	Mar	4.84	2.37	0.35	0.56	1.650	12.38				20.50
Snap bean seeds	lbs											40.0000	1.50	60.00	60.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Orthene	lbs											0.5000	11.90	5.95	5.95
Bravo	pt											1.5000	6.35	9.52	9.52
Other labor	hour			1.00	Apr							6.0000	7.50	45.00	45.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Basagran	pt											1.0000	10.03	10.03	10.03
Cultivator 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											1.0000	5.43	5.43	5.43
Topsin M	lb											1.0000	16.60	16.60	16.60
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											1.0000	5.43	5.43	5.43
Topsin M	lb											1.0000	16.60	16.60	16.60
Trailer utility	10 ft	23	1.000	1.00	Jun	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Harvest labor	bu			1.00	Jun							150.0000	3.00	450.00	450.00
Harvest container	each											10.0000	1.00	10.00	10.00
Bushel hampers	each											50.0000	2.25	112.50	112.50
Pickup truck	1/2 ton		1.000	5.00	Jun			48.75	44.83	5.000	37.50				131.08
Disk 2R	6 ft	43	0.570	1.00	Jun	3.34	1.76	0.70	1.00	0.627	4.70				11.51
TOTALS						50.21	25.21	59.49	60.11	19.553	146.65			848.36	1190.03
INTEREST ON OPERATING CAPITAL															16.45
TOTAL SPECIFIED COST															1206.48

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 3.B Summary of estimated costs per acre, Beans (Snap), fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	61.70	1.0000	61.70	_____
FUNGICIDES	acre	42.73	1.0000	42.73	_____
HERBICIDES	acre	43.68	1.0000	43.68	_____
HIRED LABOR	acre	45.00	1.0000	45.00	_____
INSECTICIDES	acre	22.76	1.0000	22.76	_____
PACK & HARVEST ITEMS	acre	122.50	1.0000	122.50	_____
SEED	acre	60.00	1.0000	60.00	_____
HARVEST LABOR	acre	450.00	1.0000	450.00	_____
OPERATOR LABOR	hour	7.50	19.5530	146.65	_____
DIESEL FUEL	gal	2.20	6.2985	13.86	_____
GASOLINE	gal	2.40	24.2294	58.15	_____
REPAIR & MAINTENANCE	acre	37.69	1.0000	37.69	_____
INTEREST ON OP. CAP.	acre	16.45	1.0000	16.45	_____

TOTAL DIRECT EXPENSES				1121.16	_____
TOTAL FIXED EXPENSES				85.32	_____

TOTAL SPECIFIED EXPENSES				1206.48	_____

Table 3C. Effects of yields and prices on net returns per acre above total direct expenses, Bean (Snap), fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Bushels)	-----Price Per Bushel-----				
	11.00	13.00	15.00	17.00	19.00
	-----Net Returns Per Acre-----				
120.00	356.34	596.34	836.34	1076.34	1316.34
135.00	442.59	712.59	982.59	1252.59	1522.59
150.00	528.84	828.84	1128.84	1428.84	1728.84
165.00	615.09	945.09	1275.09	1605.09	1935.09
180.00	701.34	1061.34	1421.34	1781.34	2141.34

Table 4.A Estimated resource use and costs per acre for field operations, Broccoli, irrigated, transplanted, fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Lime (spread)	cwt			1.00	Jul							6.6000	2.50	16.50	16.50	
Middle buster 1R	3 ft	23	1.530	1.00	Jul	4.94	2.42	0.34	0.48	1.683	12.62				20.79	
Disk 2R	6 ft	43	0.570	2.00	Jul	6.69	3.52	1.40	2.00	1.254	9.40				23.02	
Disk & herb appl 2R	6 ft	23	0.590	1.00	Jul	1.90	0.93	0.83	1.18	0.649	4.87				9.72	
Treflan	pt											1.0000	2.87	2.87	2.87	
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jul	5.00	2.45	1.82	2.59	1.705	12.79				24.64	
8-24-24	lb											600.0000	0.11	67.80	67.80	
Hipper 1R	3 ft	23	1.530	2.00	Aug	9.87	4.84	1.35	1.92	3.366	25.25				43.22	
Conditioner, row 1R	6 ft	23	0.410	1.00	Aug	1.32	0.65	0.27	0.38	0.451	3.38				6.01	
Trailer utility	10 ft	23	1.000	1.00	Aug	3.23	1.58	0.27	0.95	1.100	8.25				14.28	
Broccoli plants	100											150.0000	4.40	660.00	660.00	
Planting labor	hour											25.0000	7.50	187.50	187.50	
Other labor	hour			1.00	Aug							2.0000	7.50	15.00	15.00	
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Thiodan	lb											1.0000	6.50	6.50	6.50	
Cultivate & fert 1R	3 ft	23	1.610	1.00	Sep	5.19	2.54	1.77	2.52	1.771	13.28				25.31	
Ammonium Nitrate 33% lb												150.0000	0.13	19.50	19.50	
Irrigation, furrow	acin			1.00	Sep			7.60	55.50	2.000	15.00	2.0000			78.10	
Cultivator 1R	3 ft	23	1.530	1.00	Sep	4.94	2.42	1.35	1.92	1.683	12.62				23.24	
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Ambush	pt											0.2500	14.00	3.50	3.50	
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Bravo	pt											1.5000	6.35	9.52	9.52	
Irrigation, furrow	acin			1.00	Oct			7.60		2.000	15.00	2.0000			22.60	
Cultivate & fert 1R	3 ft	23	1.610	1.00	Oct	5.19	2.54	1.77	2.52	1.771	13.28				25.31	
Ammonium Nitrate 33% lb												150.0000	0.13	19.50	19.50	
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Confirm	lb											0.5000	24.00	12.00	12.00	
Dipel	pt											1.0000	4.47	4.47	4.47	
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Poast	pt											1.0000	8.38	8.38	8.38	
Crop oil	pt											2.0000	1.00	2.00	2.00	
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Ambush	pt											0.2500	14.00	3.50	3.50	
Cultivate & fert 1R	3 ft	23	1.610	1.00	Nov	5.19	2.54	1.77	2.52	1.771	13.28				25.31	
Ammonium Nitrate 33% lb												150.0000	0.13	19.50	19.50	
Irrigation, furrow	acin			1.00	Nov			7.60		2.000	15.00	2.0000			22.60	
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Ambush	pt											0.2500	14.00	3.50	3.50	
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Confirm	lb											0.5000	24.00	12.00	12.00	
Dipel	pt											1.0000	4.47	4.47	4.47	
Harvest labor	hour			1.00	Nov							30.0000	7.50	225.00	225.00	
Rubber bands	lbs											1.0000	5.00	5.00	5.00	
Harvest container	each											8.0000	1.00	8.00	8.00	
Packing labor	hour			1.00	Nov							8.0000	7.50	60.00	60.00	
Packing boxes	each			1.00	Nov							300.0000	1.25	375.00	375.00	
Ice	cwt											30.0000	7.10	213.00	213.00	
Pickup truck	1/2 ton		1.000	5.00	Nov			48.75	44.83	5.000	37.50				131.08	
Disk 2R	6 ft	43	0.570	1.00	Nov	3.34	1.76	0.70	1.00	0.627	4.70				11.51	
TOTALS						61.72	30.60	87.28	122.55	30.503	228.77				1964.02	2494.94
INTEREST ON OPERATING CAPITAL															44.85	
TOTAL SPECIFIED COST															2539.79	

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 4.B Summary of estimated costs per acre, Broccoli, irrigated, transplanted, fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	142.80	1.0000	142.80	_____
FUNGICIDES	acre	9.52	1.0000	9.52	_____
HERBICIDES	acre	13.25	1.0000	13.25	_____
HIRED LABOR	acre	202.50	1.0000	202.50	_____
INSECTICIDES	acre	49.94	1.0000	49.94	_____
PACK & HARVEST ITEMS	acre	601.00	1.0000	601.00	_____
PLANTS	acre	660.00	1.0000	660.00	_____
HARVEST LABOR	acre	285.00	1.0000	285.00	_____
OPERATOR LABOR	hour	7.50	24.5030	183.77	_____
IRRIGATION LABOR	hour	7.50	6.0000	45.00	_____
DIESEL FUEL	gal	2.20	3.7791	8.31	_____
ELECTRICITY	kWh	0.15	36.0000	5.40	_____
GASOLINE	gal	2.40	30.6026	73.45	_____
REPAIR & MAINTENANCE	acre	61.84	1.0000	61.84	_____
INTEREST ON OP. CAP.	acre	44.85	1.0000	44.85	_____

TOTAL DIRECT EXPENSES				2386.64	_____
TOTAL FIXED EXPENSES				153.15	_____

TOTAL SPECIFIED EXPENSES				2539.79	_____

Table 4C. Effects of yields and prices on net returns per acre above total direct expenses, Broccoli, irrigated, transplanted, fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Boxes)	6.00	7.50	9.00	10.50	12.00
	-----Price Per Box-----				
	-----Net Returns Per Acre-----				
180.00	-1043.24	-773.24	-503.24	-233.24	36.76
240.00	-814.94	-454.94	-94.94	265.06	625.06
300.00	-586.64	-136.64	313.36	763.36	1213.36
360.00	-358.34	181.66	721.66	1261.66	1801.66
420.00	-130.04	499.96	1129.96	1759.96	2389.96

Table 5.A Table 5.A Estimated resource use and costs per acre for field operations, Cabbage (fall), direct seeded, irrigated, fresh market, two-row equipment, average yield Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jul							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Jul	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Disk & herb appl 2R	6 ft	23	0.590	1.00	Jul	1.90	0.93	0.83	1.18	0.649	4.87				9.72
Treflan	pt											1.2500	2.87	3.59	3.59
Middle buster 1R	3 ft	23	1.530	1.00	Jul	4.94	2.42	0.34	0.48	1.683	12.62				20.79
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jul	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											500.0000	0.11	56.50	56.50
Hipper 1R	3 ft	23	1.530	2.00	Aug	9.87	4.84	1.35	1.92	3.366	25.25				43.22
Conditioner, row 1R	6 ft	23	0.410	1.00	Aug	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Planter 1R	3 ft	23	1.500	1.00	Aug	4.84	2.37	0.35	0.56	1.650	12.38				20.50
Cabbage seed	lbs											1.0000	272.00	272.00	272.00
Other labor	hour			1.00	Aug							10.0000	7.50	75.00	75.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Confirm	lb											0.5000	24.00	12.00	12.00
Dipel	pt											1.0000	4.47	4.47	4.47
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Sep	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33% lb												100.0000	0.13	13.00	13.00
Irrigation, furrow	acin			1.00	Sep			7.60	55.50	2.000	15.00	2.0000			78.10
Cultivate & fert 1R	3 ft	23	1.610	1.00	Sep	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33% lb												100.0000	0.13	13.00	13.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Oct	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33% lb												100.0000	0.13	13.00	13.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Confirm	lb											0.5000	24.00	12.00	12.00
Dipel	pt											1.0000	4.47	4.47	4.47
Buffer	pt											1.0000	2.00	2.00	2.00
Irrigation, furrow	acin			1.00	Oct			7.60		2.000	15.00	2.0000			22.60
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.2500	14.00	3.50	3.50
Dipel	pt											1.0000	4.47	4.47	4.47
Buffer	pt											1.0000	2.00	2.00	2.00
Irrigation, furrow	acin			1.00	Nov			7.60		2.000	15.00	2.0000			22.60
Trailer utility	10 ft	23	1.000	2.00	Dec	6.45	3.16	0.53	1.90	2.200	16.50				28.55
Harvest labor	hour			1.00	Dec							42.0000	7.50	315.00	315.00
Packing labor	hour			1.00	Dec							15.0000	7.50	112.50	112.50
Packing sacks	each											600.0000	0.75	450.00	450.00
Pickup truck	1/2 ton		1.000	10.00	Dec			97.50	89.67	10.000	75.00				262.17
Disk 2R	6 ft	43	0.570	2.00	Dec	6.69	3.52	1.40	2.00	1.254	9.40				23.02
TOTALS						65.74	32.70	134.95	166.86	36.361	272.71			1397.38	2070.34
INTEREST ON OPERATING CAPITAL															35.61
TOTAL SPECIFIED COST															2105.94

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 5.B Summary of estimated costs per acre, Cabbage (fall),
direct seeded, irrigated, fresh market, two-row
equipment, average yield Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	112.00	1.0000	112.00	_____
HERBICIDES	acre	13.97	1.0000	13.97	_____
HIRED LABOR	acre	75.00	1.0000	75.00	_____
INSECTICIDES	acre	46.91	1.0000	46.91	_____
PACK & HARVEST ITEMS	acre	450.00	1.0000	450.00	_____
SEED	acre	272.00	1.0000	272.00	_____
HARVEST LABOR	acre	427.50	1.0000	427.50	_____
OPERATOR LABOR	hour	7.50	30.3610	227.71	_____
IRRIGATION LABOR	hour	7.50	6.0000	45.00	_____
DIESEL FUEL	gal	2.20	5.0388	11.09	_____
ELECTRICITY	kWh	0.15	36.0000	5.40	_____
GASOLINE	gal	2.40	43.3399	104.02	_____
REPAIR & MAINTENANCE	acre	80.19	1.0000	80.19	_____
INTEREST ON OP. CAP.	acre	35.61	1.0000	35.61	_____

TOTAL DIRECT EXPENSES				1906.39	_____
TOTAL FIXED EXPENSES				199.56	_____

TOTAL SPECIFIED EXPENSES				2105.94	_____

Table 5C. Effects of yields and prices on net returns per acre above
total direct expenses, Cabbage, (fall hybrid), direct seeded,
irrigated, fresh market, one-row equipment, average yield,
Louisiana, 2006.

Yield (Sacks)	-----Price Per Sack-----				
	3.25	4.25	5.25	6.25	7.25
	-----Net Returns Per Acre-----				
400.00	-373.39	26.61	426.61	826.61	1226.61
500.00	-164.89	335.11	835.11	1335.11	1835.11
600.00	43.61	643.61	1243.61	1843.61	2443.61
700.00	252.11	952.11	1652.11	2352.11	3052.11
800.00	460.61	1260.61	2060.61	2860.61	3660.61

Table 6.A Estimated resource use and costs per acre for field operations, Cabbage (spring), transplant, irrigated, fresh market, one row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Jan	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Sprayer, boom	12 ft	23	0.190	1.00	Jan	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Treflan	pt											1.2500	2.87	3.59	3.59
Disk 2R	6 ft	43	0.570	1.00	Jan	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jan	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											500.0000	0.11	56.50	56.50
Hipper 1R	3 ft	23	1.530	1.00	Jan	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Conditioner, row 1R	6 ft	23	0.410	1.00	Jan	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Trailer utility	10 ft	23	1.000	1.00	Jan	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Planting labor	hour											20.0000	7.50	150.00	150.00
Cabbage plants	100											120.0000	4.25	510.00	510.00
Irrigation, furrow	acin			1.00	Feb			7.60	55.50	2.000	15.00	2.0000			78.10
Cultivate & fert 1R	3 ft	23	1.610	1.00	Feb	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33%	lb											100.0000	0.13	13.00	13.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Confirm	lb											0.5000	24.00	12.00	12.00
Dipel	pt											1.0000	4.47	4.47	4.47
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Mar	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33%	lb											100.0000	0.13	13.00	13.00
Cultivator 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Irrigation, furrow	acin			1.00	Mar			7.60	2.000	15.00		2.0000			22.60
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33%	lb											100.0000	0.13	13.00	13.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.2500	14.00	3.50	3.50
Dipel	pt											1.0000	4.47	4.47	4.47
Buffer	pt											1.0000	2.00	2.00	2.00
Pickup truck	1/2 ton		1.000	10.00	May			97.50	89.67	10.000	75.00				262.17
Trailer utility	10 ft	23	1.000	2.00	May	6.45	3.16	0.53	1.90	2.200	16.50				28.55
Harvest labor	hour			1.00	May							42.0000	7.50	315.00	315.00
Packing labor	hour			1.00	May							15.0000	7.50	112.50	112.50
Packing sacks	each											600.0000	0.75	450.00	450.00
Middle buster 1R	3 ft	23	1.530	1.00	May	4.94	2.42	0.34	0.48	1.683	12.62				20.79
Hipper 1R	3 ft	23	1.530	1.00	May	4.94	2.42	0.67	0.96	1.683	12.62				21.61
TOTALS						68.14	33.75	128.17	168.62	35.692	267.69				
INTEREST ON OPERATING CAPITAL														1681.53	2347.90
TOTAL SPECIFIED COST															43.86
															2391.76

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 6.B Summary of estimated costs per acre, Cabbage (spring), transplant, irrigated, fresh market, one row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	112.00	1.0000	112.00	_____
HERBICIDES	acre	3.59	1.0000	3.59	_____
HIRED LABOR	acre	150.00	1.0000	150.00	_____
INSECTICIDES	acre	28.44	1.0000	28.44	_____
PACK & HARVEST ITEMS	acre	450.00	1.0000	450.00	_____
PLANTS	acre	510.00	1.0000	510.00	_____
HARVEST LABOR	acre	427.50	1.0000	427.50	_____
OPERATOR LABOR	hour	7.50	31.6920	237.69	_____
IRRIGATION LABOR	hour	7.50	4.0000	30.00	_____
DIESEL FUEL	gal	2.20	3.7791	8.31	_____
ELECTRICITY	kWh	0.15	24.0000	3.60	_____
GASOLINE	gal	2.40	45.3513	108.84	_____
REPAIR & MAINTENANCE	acre	75.55	1.0000	75.55	_____
INTEREST ON OP. CAP.	acre	43.86	1.0000	43.86	_____

TOTAL DIRECT EXPENSES				2189.39	_____
TOTAL FIXED EXPENSES				202.37	_____

TOTAL SPECIFIED EXPENSES				2391.76	_____

Table 6C. Effects of yields and prices on net returns per acre above total direct expenses, Cabbage, (spring hybrid), transplanted, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Sacks)	-----Price Per Sack-----				
	3.75	4.75	5.75	6.75	7.75
	-----Net Returns Per Acre-----				
400.00	-443.91	-43.91	356.09	756.09	1156.09
500.00	-191.04	308.97	808.97	1308.97	1808.97
600.00	61.84	661.84	1261.84	1861.84	2461.84
700.00	314.72	1014.72	1714.72	2414.72	3114.72
800.00	567.59	1367.59	2167.59	2967.59	3767.59

Table 7.A Estimated resource use and costs per acre for field operations, Cantaloupes, hybrid, irrigated, local fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jan	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk 2R	6 ft	43	0.570	2.00	Mar	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Hipper 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											500.0000	0.11	56.50	56.50
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Planter 1R	3 ft	23	1.500	1.00	Apr	4.84	2.37	0.35	0.56	1.650	12.38				20.50
Cantaloupe seed	lbs											2.0000	338.00	676.00	676.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Curbit	pt											3.0000	4.76	14.28	14.28
Irrigation, furrow	acin			1.00	Apr			7.60	55.50	2.000	15.00	2.0000			78.10
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Thiodan	lb											0.5000	6.50	3.25	3.25
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33%	lb											100.0000	0.13	13.00	13.00
Middle buster 1R	3 ft	0	1.530	1.00	Apr			0.34	0.48						0.82
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											0.6000	5.43	3.26	3.26
Bravo	pt											1.5000	6.35	9.52	9.52
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Quadris	pt											0.7000	33.60	23.52	23.52
Other labor	hour			1.00	May							8.0000	7.50	60.00	60.00
Irrigation, furrow	acin			1.00	May			7.60		2.000	15.00	2.0000			22.60
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Quadris	pt											0.7000	33.60	23.52	23.52
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Bravo	pt											2.5000	6.35	15.88	15.88
Topsin M	lb											0.5000	16.60	8.30	8.30
Sevin	lbs											0.6000	5.43	3.26	3.26
Irrigation, furrow	acin			1.00	Jun			7.60		2.000	15.00	2.0000			22.60
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Bravo	pt											1.5000	6.35	9.52	9.52
Sevin	lbs											0.6000	5.43	3.26	3.26
Harvest labor	hour			1.00	Jul							50.0000	7.50	375.00	375.00
Harvest container	each											8.0000	1.00	8.00	8.00
Pickup truck	1/2 ton		1.000	10.00	Jul			97.50	89.67	10.000	75.00				262.17
Shredder 1R	5 ft	23	0.740	1.00	Jul	2.39	1.17	0.36	0.93	0.814	6.11				10.94
Middle buster 1R	3 ft	23	1.530	1.00	Jul	4.94	2.42	0.34	0.48	1.683	12.62				20.79
TOTALS						43.56	21.70	130.41	159.31	29.310	219.83			1332.95	1907.75
INTEREST ON OPERATING CAPITAL															37.68
TOTAL SPECIFIED COST															1945.43

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 7.B Summary of estimated costs per acre, Cantaloupes, hybrid, irrigated, local fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	86.00	1.0000	86.00	
FUNGICIDES	acre	90.26	1.0000	90.26	
HERBICIDES	acre	24.66	1.0000	24.66	
HIRED LABOR	acre	60.00	1.0000	60.00	
INSECTICIDES	acre	13.02	1.0000	13.02	
PACK & HARVEST ITEMS	acre	8.00	1.0000	8.00	
SEED	acre	676.00	1.0000	676.00	
HARVEST LABOR	acre	375.00	1.0000	375.00	
OPERATOR LABOR	hour	7.50	23.3100	174.83	
IRRIGATION LABOR	hour	7.50	6.0000	45.00	
DIESEL FUEL	gal	2.20	3.7791	8.31	
ELECTRICITY	kWh	0.15	36.0000	5.40	
GASOLINE	gal	2.40	36.7407	88.18	
REPAIR & MAINTENANCE	acre	72.07	1.0000	72.07	
INTEREST ON OP. CAP.	acre	37.68	1.0000	37.68	

TOTAL DIRECT EXPENSES				1764.42	
TOTAL FIXED EXPENSES				181.01	

TOTAL SPECIFIED EXPENSES				1945.43	

Table 7C. Effects of yields and prices on net returns per acre above total direct expenses, Cantaloupes, hybrid, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (melons)	-----Price Per Melon-----				
	.75	1.00	1.25	1.50	1.75
	-----Net Returns Per Acre-----				
1500.00	-414.42	-39.42	335.58	710.58	1085.58
2000.00	-151.92	348.08	848.08	1348.08	1848.08
2500.00	110.58	735.58	1360.58	1985.58	2610.58
3000.00	373.08	1123.08	1873.08	2623.08	3373.08
3500.00	635.58	1510.58	2385.58	3260.58	4135.58

Table 8.A Estimated resource use and costs per acre for field operations, Cauliflower, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jul							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jul	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk 2R	6 ft	43	0.570	1.00	Aug	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk & herb appl 2R	6 ft	23	0.590	1.00	Aug	1.90	0.93	0.83	1.18	0.649	4.87				9.72
Treflan	pt											1.2500	2.87	3.59	3.59
Hipper 1R	3 ft	23	1.530	1.00	Aug	4.94	2.42	0.67	0.96	1.683	12.62				21.61
13-13-13	lb											800.0000	0.18	146.40	146.40
Hipper 1R	3 ft	23	1.530	1.00	Aug	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Trailer utility	10 ft	23	1.000	1.00	Aug	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Planting labor	hour											20.0000	7.50	150.00	150.00
Cauliflower plants	100											85.0000	4.50	382.50	382.50
Irrigation, furrow	acin			1.00	Aug			7.60	55.50	2.000	15.00	2.0000			78.10
Other labor	hour			1.00	Aug							4.0000	7.50	30.00	30.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Confirm	lb											0.5000	24.00	12.00	12.00
Dipel	pt											1.0000	4.47	4.47	4.47
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Irrigation, furrow	acin			1.00	Sep			7.60	55.50	2.000	15.00	2.0000			22.60
Cultivator 1R	3 ft	23	1.530	1.00	Oct	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Confirm	lb											0.5000	24.00	12.00	12.00
Dipel	pt											1.0000	4.47	4.47	4.47
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Solubore	lb											1.0000	1.10	1.10	1.10
Sodium Molybdate	lb											0.2500	18.00	4.50	4.50
Cultivator 1R	3 ft	23	1.530	1.00	Oct	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Irrigation, furrow	acin			1.00	Oct			7.60	55.50	2.000	15.00	2.0000			22.60
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Blanching labor	hour			1.00	Nov							15.0000	7.50	112.50	112.50
Trailer utility	10 ft	23	1.000	2.00	Nov	6.45	3.16	0.53	1.90	2.200	16.50				28.55
Harvest labor	hour			1.00	Nov							30.0000	7.50	225.00	225.00
Packing labor	hour			1.00	Nov							11.0000	7.50	82.50	82.50
Packing boxes	each			1.00	Nov							300.0000	1.25	375.00	375.00
Pickup truck	1/2 ton		1.000	10.00	Nov			97.50	89.67	10.000	75.00				262.17
Disk 2R	6 ft	43	0.570	1.00	Nov	3.34	1.76	0.70	1.00	0.627	4.70				11.51
TOTALS						48.75	24.25	130.47	160.99	31.081	233.11				2174.47
INTEREST ON OPERATING CAPITAL															35.37
TOTAL SPECIFIED COST															2209.84

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 8.B Summary of estimated costs per acre, Cauliflower, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	168.50	1.0000	168.50	_____
HERBICIDES	acre	13.97	1.0000	13.97	_____
HIRED LABOR	acre	292.50	1.0000	292.50	_____
INSECTICIDES	acre	36.94	1.0000	36.94	_____
PACK & HARVEST ITEMS	acre	375.00	1.0000	375.00	_____
PLANTS	acre	382.50	1.0000	382.50	_____
HARVEST LABOR	acre	307.50	1.0000	307.50	_____
OPERATOR LABOR	hour	7.50	25.0810	188.11	_____
IRRIGATION LABOR	hour	7.50	6.0000	45.00	_____
DIESEL FUEL	gal	2.20	3.7791	8.31	_____
ELECTRICITY	kWh	0.15	36.0000	5.40	_____
GASOLINE	gal	2.40	38.5600	92.54	_____
REPAIR & MAINTENANCE	acre	72.96	1.0000	72.96	_____
INTEREST ON OP. CAP.	acre	35.37	1.0000	35.37	_____

TOTAL DIRECT EXPENSES				2024.61	_____
TOTAL FIXED EXPENSES				185.24	_____

TOTAL SPECIFIED EXPENSES				2209.84	_____

Table 8C. Effects of yields and prices on net returns per acre above total direct expenses, Cauliflower, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Boxes)	-----Price Per Box-----				
	7.00	8.50	10.00	11.50	13.00
	-----Net Returns Per Acre-----				
180.00	-505.07	-235.07	34.93	304.93	574.93
240.00	-214.84	145.16	505.16	865.16	1225.16
300.00	75.39	525.39	975.39	1425.39	1875.39
360.00	365.62	905.62	1445.62	1985.62	2525.62
420.00	655.85	1285.85	1915.85	2545.85	3175.85

Table 9.A Estimated resource use and costs per acre for field operations, Corn (Sweet), hybrid, fresh market, irrigated, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Feb	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Fertilizer buggy	30 ft	93	0.060	1.00	Mar	0.20	0.58		0.33	0.066	0.50				1.60
13-13-13	lb											750.0000	0.18	137.25	137.25
Disk 2R	6 ft	43	0.570	2.00	Mar	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Hipper 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Planter & herb 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	0.65	1.05	1.683	12.62				21.68
Sweet corn seed	lbs											12.0000	8.76	105.12	105.12
Lorsban 4E	pt											4.0000	4.49	17.96	17.96
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Lasso	qt											6.0000	3.05	18.30	18.30
Cultivator 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33%	lb											150.0000	0.13	19.50	19.50
Irrigation, furrow	acin			1.00	Apr			7.60	55.50	2.000	15.00	2.0000			78.10
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.5600	14.00	7.84	7.84
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.5600	14.00	7.84	7.84
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33%	lb											150.0000	0.13	19.50	19.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.5600	14.00	7.84	7.84
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.5600	14.00	7.84	7.84
Irrigation, furrow	acin			1.00	May			7.60		2.000	15.00	2.0000			22.60
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.5600	14.00	7.84	7.84
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.5600	14.00	7.84	7.84
Trailer utility	10 ft	23	1.000	1.00	Jun	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Packing sacks	each			1.00	Jun							130.0000	0.75	97.50	97.50
Harvest labor	hour			1.00	Jun							20.0000	7.50	150.00	150.00
Packing labor	hour			1.00	Jun							10.0000	7.50	75.00	75.00
Pickup truck	1/2 ton		1.000	12.60	Jun			122.85	112.98	12.600	94.50				330.33
Shredder 1R	5 ft	23	0.740	1.00	Jun	2.39	1.17	0.36	0.93	0.814	6.11				10.94
Disk 2R	6 ft	43	0.570	1.00	Jul	3.34	1.76	0.70	1.00	0.627	4.70				11.51
TOTALS						50.01	25.46	149.79	186.00	31.593	236.95			703.67	1351.88
INTEREST ON OPERATING CAPITAL															19.85
TOTAL SPECIFIED COST															1371.72

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 9.B Summary of estimated costs per acre, Corn (Sweet), hybrid, fresh market, irrigated, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	192.75	1.0000	192.75	_____
HERBICIDES	acre	18.30	1.0000	18.30	_____
INSECTICIDES	acre	65.00	1.0000	65.00	_____
PACK & HARVEST ITEMS	acre	97.50	1.0000	97.50	_____
SEED	acre	105.12	1.0000	105.12	_____
HARVEST LABOR	acre	225.00	1.0000	225.00	_____
OPERATOR LABOR	hour	7.50	27.5930	206.95	_____
IRRIGATION LABOR	hour	7.50	4.0000	30.00	_____
DIESEL FUEL	gal	2.20	5.0388	11.09	_____
ELECTRICITY	kWh	0.15	24.0000	3.60	_____
GASOLINE	gal	2.40	44.2577	106.22	_____
REPAIR & MAINTENANCE	acre	78.90	1.0000	78.90	_____
INTEREST ON OP. CAP.	acre	19.85	1.0000	19.85	_____

TOTAL DIRECT EXPENSES				1160.26	_____
TOTAL FIXED EXPENSES				211.46	_____

TOTAL SPECIFIED EXPENSES				1371.72	_____

Table 9C. Effects of yields and prices on net returns per acre above total direct expenses, Corn (Sweet), hybrid, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Dozen)	-----Price Per Dozen-----				
	2.00	2.50	3.00	3.50	4.00
	-----Net Returns Per Acre-----				
400.00	-200.26	-0.26	199.74	399.74	599.74
500.00	-80.26	169.74	419.74	669.74	919.74
600.00	39.74	339.74	639.74	939.74	1239.74
700.00	159.74	509.74	859.74	1209.74	1559.74
800.00	279.74	679.74	1079.74	1479.74	1879.74

Table 10.A Estimated resource use and costs per acre for field operations, Cucumber, hybrid, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jan	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk 2R	6 ft	43	0.570	2.00	Mar	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Middle buster 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	0.34	0.48	1.683	12.62				20.79
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											500.0000	0.11	56.50	56.50
Hipper 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Planter 1R	3 ft	23	1.500	1.00	Apr	4.84	2.37	0.35	0.56	1.650	12.38				20.50
Cucumber seed	lbs											1.0000	93.16	93.16	93.16
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Curbit	pt											3.0000	4.76	14.28	14.28
Irrigation, furrow	acin			1.00	Apr			7.60	55.50	2.000	15.00				78.10
Other labor	hour			1.00	Apr							10.0000	7.50	75.00	75.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Thiodan	lb											0.5000	6.50	3.25	3.25
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33% lb	lb											100.0000	0.13	13.00	13.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Quadris	pt											0.7000	33.60	23.52	23.52
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Quadris	pt											0.7000	33.60	23.52	23.52
Irrigation, furrow	acin			1.00	May			7.60		2.000	15.00				22.60
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											0.6000	5.43	3.26	3.26
Bravo	pt											1.5000	6.35	9.52	9.52
Other labor	hour			1.00	May							8.0000	7.50	60.00	60.00
Cultivator 1R	3 ft	23	1.530	1.00	May	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Irrigation, furrow	acin			1.00	May			7.60		2.000	15.00				22.60
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											0.6000	5.43	3.26	3.26
Bravo	pt											1.5000	6.35	9.52	9.52
Topsin M	lb											0.5000	16.60	8.30	8.30
Irrigation, furrow	acin			1.00	Jun			7.60		2.000	15.00				22.60
Harvest labor	bu			1.00	Jun							300.0000	1.00	300.00	300.00
Harvest container	each			1.00	Jun							8.0000	1.00	8.00	8.00
Packing labor	hour			1.00	Jun							30.0000	7.50	225.00	225.00
Packing boxes	each			1.00	Jun							300.0000	1.25	375.00	375.00
Pickup truck	1/2 ton		1.000	10.00	Jun			97.50	89.67	10.000	75.00				262.17
Shredder 1R	5 ft	23	0.740	1.00	Jun	2.39	1.17	0.36	0.93	0.814	6.11				10.94
Disk 2R	6 ft	43	0.570	2.00	Jul	6.69	3.52	1.40	2.00	1.254	9.40				23.02
TOTALS						54.57	27.34	140.16	162.46	34.038	255.29			1330.98	1970.79
INTEREST ON OPERATING CAPITAL															24.43
TOTAL SPECIFIED COST															1995.22

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 10.B Summary of estimated costs per acre, Cucumber, hybrid, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	86.00	1.0000	86.00	_____
FUNGICIDES	acre	74.39	1.0000	74.39	_____
HERBICIDES	acre	24.66	1.0000	24.66	_____
HIRED LABOR	acre	135.00	1.0000	135.00	_____
INSECTICIDES	acre	9.77	1.0000	9.77	_____
PACK & HARVEST ITEMS	acre	383.00	1.0000	383.00	_____
SEED	acre	93.16	1.0000	93.16	_____
HARVEST LABOR	acre	525.00	1.0000	525.00	_____
OPERATOR LABOR	hour	7.50	26.0380	195.29	_____
IRRIGATION LABOR	hour	7.50	8.0000	60.00	_____
DIESEL FUEL	gal	2.20	6.2985	13.86	_____
ELECTRICITY	kWh	0.15	48.0000	7.20	_____
GASOLINE	gal	2.40	38.2549	91.81	_____
REPAIR & MAINTENANCE	acre	81.86	1.0000	81.86	_____
INTEREST ON OP. CAP.	acre	24.43	1.0000	24.43	_____

TOTAL DIRECT EXPENSES				1805.42	_____
TOTAL FIXED EXPENSES				189.81	_____

TOTAL SPECIFIED EXPENSES				1995.22	_____

Table 10C. Effects of yields and prices on net returns per acre above total direct expenses, Cucumber, hybrid, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Bushels)	-----Price Per Bushel-----				
	6.50	7.50	8.50	9.50	10.50
	-----Net Returns Per Acre-----				
200.00	-283.42	-83.42	116.58	316.58	516.58
250.00	-69.42	180.58	430.58	680.58	930.58
300.00	144.58	444.58	744.58	1044.58	1344.58
350.00	358.58	708.58	1058.58	1408.58	1758.58
400.00	572.58	972.58	1372.58	1772.58	2172.58

Table 11.A Estimated resource use and costs per acre for field operations, Eggplant, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jan	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk 2R	6 ft	43	0.570	2.00	Mar	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											600.0000	0.11	67.80	67.80
Hipper 1R	3 ft	23	1.530	2.00	Mar	9.87	4.84	1.35	1.92	3.366	25.25				43.22
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Plastic layer	5 ft	23	1.500	1.00	Mar	4.84	2.37	2.16	4.51	4.650	34.88				48.75
Plastic	roll											5.0000	85.00	425.00	425.00
Transplanter vegtabl	1 row	23	4.000	1.00	Mar	12.91	6.32	1.25	3.26	16.400	123.00				146.73
Eggplant plants	100											80.0000	5.00	400.00	400.00
Irrigation, furrow	acin			1.00	Mar			3.80	55.50	1.000	7.50	1.0000			66.80
Cultivator 2R	6 ft	43	0.570	1.00	Mar	3.34	1.76	0.88	1.25	0.627	4.70				11.93
Other labor	hour			1.00	Apr							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Malathion	pt											1.0000	3.21	3.21	3.21
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33% lb												75.0000	0.13	9.75	9.75
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Malathion	pt											1.0000	3.21	3.21	3.21
Buffer	pt											1.0000	2.00	2.00	2.00
Irrigation, furrow	acin			1.00	Apr			3.80		1.000	7.50	1.0000			11.30
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.8000	14.00	11.20	11.20
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33% lb												75.0000	0.13	9.75	9.75
Irrigation, furrow	acin			1.00	May			3.80		1.000	7.50	1.0000			11.30
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Malathion	pt											1.0000	3.21	3.21	3.21
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.8000	14.00	11.20	11.20
Buffer	pt											1.0000	2.00	2.00	2.00
Harvest labor	hour			1.00	Jun							50.0000	7.50	375.00	375.00
Packing labor	hour											25.0000	7.50	187.50	187.50
Harvest container	each											8.0000	1.00	8.00	8.00
Packing boxes	each											225.0000	1.25	281.25	281.25
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33% lb												75.0000	0.13	9.75	9.75
Irrigation, furrow	acin			1.00	Jul			3.80		1.000	7.50	1.0000			11.30
Harvest labor	hour			1.00	Aug							50.0000	7.50	375.00	375.00
Packing boxes	each											225.0000	1.25	281.25	281.25
Packing labor	hour											25.0000	7.50	187.50	187.50
Pickup truck	1/2 ton		1.000	4.70	Aug			45.83	42.14	4.700	35.25				123.22
Coulter	1 row	23	1.500	1.00	Sep	4.84	2.37	0.64	0.94	1.650	12.38				21.16
Other labor	hour											15.0000	7.50	112.50	112.50
Shredder 1R	5 ft	23	0.740	1.00	Sep	2.39	1.17	0.36	0.93	0.814	6.11				10.94
Pickup truck	1/2 ton		1.000	1.00	Sep			9.75	8.97	1.000	7.50				26.22
Middle buster 1R	3 ft	23	1.530	1.00	Sep	4.94	2.42	0.34	0.48	1.683	12.62				20.79
Disk 2R	6 ft	43	0.570	1.00	Sep	3.34	1.76	0.70	1.00	0.627	4.70				11.51
TOTALS						82.09	40.83	89.52	136.09	50.121	375.91			2836.46	3560.89
INTEREST ON OPERATING CAPITAL															112.76
TOTAL SPECIFIED COST															3673.65

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 11.B Summary of estimated costs per acre, Eggplant, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	113.55	1.0000	113.55	_____
HERBICIDES	acre	10.38	1.0000	10.38	_____
HIRED LABOR	acre	150.00	1.0000	150.00	_____
INSECTICIDES	acre	42.03	1.0000	42.03	_____
PACK & HARVEST ITEMS	acre	570.50	1.0000	570.50	_____
PLASTIC	acre	425.00	1.0000	425.00	_____
PLANTS	acre	400.00	1.0000	400.00	_____
HARVEST LABOR	acre	1125.00	1.0000	1125.00	_____
OPERATOR LABOR	hour	7.50	34.1210	255.91	_____
HAND LABOR	hour	7.50	12.0000	90.00	_____
IRRIGATION LABOR	hour	7.50	4.0000	30.00	_____
DIESEL FUEL	gal	2.20	6.2985	13.86	_____
ELECTRICITY	kWh	0.15	24.0000	3.60	_____
GASOLINE	gal	2.40	37.1438	89.15	_____
REPAIR & MAINTENANCE	acre	65.01	1.0000	65.01	_____
INTEREST ON OP. CAP.	acre	112.76	1.0000	112.76	_____

TOTAL DIRECT EXPENSES				3496.73	_____
TOTAL FIXED EXPENSES				176.92	_____

TOTAL SPECIFIED EXPENSES				3673.65	_____

Table 11C. Effects of yields and prices on net returns per acre above total direct expenses, Eggplant, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Boxes)	-----Price Per Box-----				
	6.00	7.50	9.00	10.50	12.00
	-----Net Returns Per Acre-----				
300.00	-1063.73	-613.73	-163.73	286.27	736.27
375.00	-930.23	-367.73	194.77	757.27	1319.77
450.00	-796.73	-121.73	553.27	1228.27	1903.27
525.00	-663.23	124.27	911.77	1699.27	2486.77
600.00	-529.73	370.27	1270.27	2170.27	3070.27

Table 12.A Estimated resource use and costs per acre for field operations, Greens (Mustard), fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----						dollars		-----dollars-----	
Disk 2R	6 ft	43	0.570	2.00	Jul	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Disk & herb appl 2R	6 ft	23	0.590	1.00	Aug	1.90	0.93	0.83	1.18	0.649	4.87				9.72
Treflan	pt											1.2500	2.87	3.59	3.59
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Aug	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											300.0000	0.11	33.90	33.90
Hipper 1R	3 ft	23	1.530	2.00	Aug	9.87	4.84	1.35	1.92	3.366	25.25				43.22
Conditioner, row 1R	6 ft	23	0.410	1.00	Aug	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Planter 1R	3 ft	23	1.500	1.00	Aug	4.84	2.37	0.35	0.56	1.650	12.38				20.50
Mustard seed	lbs											2.5000	4.00	10.00	10.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Malathion	pt											1.0000	3.21	3.21	3.21
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Sep	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33%	lb											100.0000	0.13	13.00	13.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Confirm	lb											0.5000	24.00	12.00	12.00
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Malathion	pt											1.0000	3.21	3.21	3.21
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Pravado	pt											0.2300	58.40	13.43	13.43
Buffer	pt											1.0000	2.00	2.00	2.00
Harvest labor	doz			1.00	Oct							600.0000	2.00	1200.00	1200.00
Harvest container	each											8.0000	1.00	8.00	8.00
Packing crates	each			1.00	Oct							300.0000	1.10	330.00	330.00
String	lbs											6.0000	2.00	12.00	12.00
Pickup truck	1/2 ton		1.000	10.00	Oct			97.50	89.67	10.000	75.00				262.17
Disk 2R	6 ft	43	0.570	1.00	Oct	3.34	1.76	0.70	1.00	0.627	4.70				11.51
TOTALS						51.11	25.40	109.99	107.05	25.884	194.13				
INTEREST ON OPERATING CAPITAL														1660.72	2148.40
TOTAL SPECIFIED COST															18.39
															2166.79

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 12.B Summary of estimated costs per acre, Greens (Mustard),
fresh market, one-row equipment, average yield,
Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	46.90	1.0000	46.90	_____
HERBICIDES	acre	13.97	1.0000	13.97	_____
INSECTICIDES	acre	39.85	1.0000	39.85	_____
PACK & HARVEST ITEMS	acre	338.00	1.0000	338.00	_____
SEED	acre	10.00	1.0000	10.00	_____
STAKES & TWINE	acre	12.00	1.0000	12.00	_____
HARVEST LABOR	acre	1200.00	1.0000	1200.00	_____
OPERATOR LABOR	hour	7.50	25.8840	194.13	_____
DIESEL FUEL	gal	2.20	3.7791	8.31	_____
GASOLINE	gal	2.40	39.3849	94.52	_____
REPAIR & MAINTENANCE	acre	58.26	1.0000	58.26	_____
INTEREST ON OP. CAP.	acre	18.39	1.0000	18.39	_____

TOTAL DIRECT EXPENSES				2034.33	_____
TOTAL FIXED EXPENSES				132.45	_____

TOTAL SPECIFIED EXPENSES				2166.79	_____

Table 12C. Effects of yields and prices on net returns per acre above
total direct expenses, Greens (Mustard), fresh market, one-
row equipment, average yield, Louisiana, 2006.

Yield	-----Price Per Dozen Bunches-----				
(Doz Bunches)	3.00	3.50	4.00	4.50	5.00
	-----Net Returns Per Acre-----				
300.00	-204.33	-54.33	95.67	245.67	395.67
450.00	-219.33	5.67	230.67	455.67	680.67
600.00	-234.33	65.67	365.67	665.67	965.67
750.00	-249.33	125.67	500.67	875.67	1250.67
900.00	-264.33	185.67	635.67	1085.67	1535.67

Table 13.A Estimated resource use and costs per acre for field operations, Okra, fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Mar							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Mar	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk 2R	6 ft	43	0.570	1.00	Apr	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	1.90	0.93	0.83	1.18	0.649	4.87				9.72
Treflan	pt											1.5000	2.87	4.31	4.31
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											300.0000	0.11	33.90	33.90
Hipper 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Planter 1R	3 ft	23	1.500	1.00	Apr	4.84	2.37	0.35	0.56	1.650	12.38				20.50
Okra seed	lbs											6.0000	4.22	25.32	25.32
Other labor	hour			1.00	Apr							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											1.2500	5.43	6.79	6.79
Cultivator 1R	3 ft	23	1.530	1.00	May	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Other labor	hour			1.00	May							24.0000	7.50	180.00	180.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											1.2500	5.43	6.79	6.79
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33% lb												60.0000	0.13	7.80	7.80
Harvest labor	bu			1.00	Jul							120.0000	7.50	900.00	900.00
Packing labor	hour											7.0000	7.50	52.50	52.50
Packing boxes	each											40.0000	1.25	50.00	50.00
Pickup truck	1/2 ton		1.000	3.00	Jul			29.25	26.90	3.000	22.50				78.65
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											1.2500	5.43	6.79	6.79
Harvest labor	bu			1.00	Aug							120.0000	7.50	900.00	900.00
Packing labor	hour											7.0000	7.50	52.50	52.50
Harvest sacks	each											94.0000	0.75	70.50	70.50
Packing boxes	each											40.0000	1.25	50.00	50.00
Pickup truck	1/2 ton		1.000	3.00	Aug			29.25	26.90	3.000	22.50				78.65
Shredder 1R	5 ft	23	0.740	1.00	Sep	2.39	1.17	0.36	0.93	0.814	6.11				10.94
Middle buster 1R	3 ft	23	1.530	1.00	Sep	4.94	2.42	0.34	0.48	1.683	12.62				20.79
Disk 2R	6 ft	43	0.570	1.00	Sep	3.34	1.76	0.70	1.00	0.627	4.70				11.51
TOTALS						47.33	23.55	69.14	69.16	20.597	154.48				
INTEREST ON OPERATING CAPITAL														2401.19	2764.85
TOTAL SPECIFIED COST														59.31	2824.16

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 13.B Summary of estimated costs per acre, Okra, fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	58.20	1.0000	58.20	_____
HERBICIDES	acre	4.31	1.0000	4.31	_____
HIRED LABOR	acre	217.50	1.0000	217.50	_____
INSECTICIDES	acre	20.36	1.0000	20.36	_____
PACK & HARVEST ITEMS	acre	170.50	1.0000	170.50	_____
SEED	acre	25.32	1.0000	25.32	_____
HARVEST LABOR	acre	1905.00	1.0000	1905.00	_____
OPERATOR LABOR	hour	7.50	20.5970	154.48	_____
DIESEL FUEL	gal	2.20	3.7791	8.31	_____
GASOLINE	gal	2.40	28.0628	67.35	_____
REPAIR & MAINTENANCE	acre	40.81	1.0000	40.81	_____
INTEREST ON OP. CAP.	acre	59.31	1.0000	59.31	_____

TOTAL DIRECT EXPENSES				2731.45	_____
TOTAL FIXED EXPENSES				92.71	_____

TOTAL SPECIFIED EXPENSES				2824.16	_____

Table 13C. Effects of yields and prices on net returns per acre above total direct expenses, Okra, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Bushels)	-----Price Per Bushel-----				
	16.00	18.00	20.00	22.00	24.00
	-----Net Returns Per Acre-----				
160.00	526.15	846.15	1166.15	1486.15	1806.15
200.00	817.35	1217.35	1617.35	2017.35	2417.35
240.00	1108.55	1588.55	2068.55	2548.55	3028.55
280.00	1399.75	1959.75	2519.75	3079.75	3639.75
320.00	1690.95	2330.95	2970.95	3610.95	4250.95

Table 14.A Estimated resource use and costs per acre for field operations, Peas (Southern), nonvining, fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Feb	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk 2R	6 ft	43	0.570	2.00	Apr	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	1.90	0.93	0.83	1.18	0.649	4.87				9.72
Treflan	pt											1.2500	2.87	3.59	3.59
Dual	pt											1.5000	13.12	19.68	19.68
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											300.0000	0.11	33.90	33.90
Hipper 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Planter 1R	3 ft	23	1.500	1.00	Apr	4.84	2.37	0.35	0.56	1.650	12.38				20.50
Southern pea seed	lbs											30.0000	1.81	54.30	54.30
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Thiodan	lb											1.0000	6.50	6.50	6.50
Cultivator 1R	3 ft	23	1.530	1.00	May	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Other labor	hour			1.00	May							10.0000	7.50	75.00	75.00
Cultivator 1R	3 ft	23	1.530	1.00	May	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											1.2500	5.43	6.79	6.79
Cultivator 1R	3 ft	23	1.530	1.00	Jun	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Thiodan	lb											1.0000	6.50	6.50	6.50
Harvest labor	bu			1.00	Jul							100.0000	7.50	750.00	750.00
Harvest container	each											8.0000	1.00	8.00	8.00
Packing labor	hour											6.0000	7.50	45.00	45.00
Bushel hampers	each											27.0000	2.25	60.75	60.75
Pickup truck	1/2 ton		1.000	3.00	Jul			29.25	26.90	3.000	22.50				78.65
Disk 2R	6 ft	43	0.570	1.00	Jul	3.34	1.76	0.70	1.00	0.627	4.70				11.51
TOTALS						48.64	24.32	41.08	43.44	17.531	131.48			1096.89	1385.85
INTEREST ON OPERATING CAPITAL															17.70
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1403.55

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 14.B Estimated resource use and costs per acre for field operations, Peas (Southern), nonvining, fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	50.40	1.0000	50.40	_____
HERBICIDES	acre	33.65	1.0000	33.65	_____
HIRED LABOR	acre	75.00	1.0000	75.00	_____
INSECTICIDES	acre	19.79	1.0000	19.79	_____
PACK & HARVEST ITEMS	acre	68.75	1.0000	68.75	_____
SEED	acre	54.30	1.0000	54.30	_____
HARVEST LABOR	acre	795.00	1.0000	795.00	_____
OPERATOR LABOR	hour	7.50	17.5310	131.48	_____
DIESEL FUEL	gal	2.20	5.0388	11.09	_____
GASOLINE	gal	2.40	19.8509	47.64	_____
REPAIR & MAINTENANCE	acre	31.00	1.0000	31.00	_____
INTEREST ON OP. CAP.	acre	17.70	1.0000	17.70	_____

TOTAL DIRECT EXPENSES				1335.79	_____
TOTAL FIXED EXPENSES				67.76	_____

TOTAL SPECIFIED EXPENSES				1403.55	_____

Table 14C. Effects of yields and prices on net returns per acre above total direct expenses, Peas (Southern), nonvining, fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Bushels)	-----Price Per Bushel-----				
	16.00	18.00	20.00	22.00	24.00
	-----Net Returns Per Acre-----				
70.00	31.49	171.49	311.49	451.49	591.49
85.00	147.85	317.85	487.85	657.85	827.85
100.00	264.21	464.21	664.21	864.21	1064.21
115.00	380.57	610.57	840.57	1070.57	1300.57
130.00	496.94	756.94	1016.94	1276.94	1536.94

Table 15.A Estimated resource use and costs per acre for field operations, Peppers (Bell), irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----						dollars		-----dollars-----	
Lime (spread)	cwt			1.00	Sep							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Sep	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk 2R	6 ft	43	0.570	1.00	Oct	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Oct	5.00	2.45	1.82	2.59	1.705	12.79				24.64
13-13-13	lb											900.0000	0.18	164.70	164.70
Hipper 1R	3 ft	23	1.530	1.00	Oct	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Conditioner, row 1R	6 ft	23	0.410	1.00	Oct	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Plastic & fumigation	5 ft	23	1.500	1.00	Oct	4.84	2.37	2.39	4.98	4.650	34.88				49.45
Plastic	roll											5.0000	85.00	425.00	425.00
Methyl bromide	lbs											150.0000	3.00	450.00	450.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Gramoxone	pt											2.0000	5.40	10.80	10.80
Surfactant	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Mar	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Pepper plants	100											80.0000	8.10	648.00	648.00
Planting labor	hour											33.0000	7.50	247.50	247.50
Irrigation, furrow	acin			1.00	Mar			3.80	55.50	1.000	7.50	1.0000			66.80
Other labor	hour			1.00	Mar							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Orthene	lbs											0.6700	11.90	7.97	7.97
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.19	2.54	1.77	2.52	1.771	13.28				25.31
CaNO3, regular	lb											60.0000	0.35	21.00	21.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											1.2500	5.43	6.79	6.79
Kocide	lb											2.0000	3.00	6.00	6.00
Manzate	lb											1.0000	3.20	3.20	3.20
Irrigation, furrow	acin			1.00	Apr			3.80		1.000	7.50	1.0000			11.30
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											1.2500	5.43	6.79	6.79
Kocide	lb											2.0000	3.00	6.00	6.00
Manzate	lb											1.0000	3.20	3.20	3.20
Cultivate & herb 1R	3 ft	23	1.830	1.00	May	5.90	2.89	2.01	2.86	2.013	15.10				28.77
Gramoxone	pt											1.5000	5.40	8.10	8.10
Surfactant	pt											0.3000	2.00	0.60	0.60
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Malathion	pt											1.0000	3.21	3.21	3.21
Kocide	lb											2.0000	3.00	6.00	6.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	5.19	2.54	1.77	2.52	1.771	13.28				25.31
CaNO3, regular	lb											60.0000	0.35	21.00	21.00
Irrigation, furrow	acin			1.00	May			3.80		1.000	7.50	1.0000			11.30
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ridomil Gold	pt											1.0000	88.00	88.00	88.00
Other labor	hour			1.00	Jun							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Malathion	pt											1.0000	3.21	3.21	3.21
Trailer utility	10 ft	23	1.000	1.00	Jul	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Harvest labor	bu											900.0000	0.75	675.00	675.00
Harvest container	each											9.0000	1.00	9.00	9.00
Other labor	hour											13.0000	7.50	97.50	97.50
Packing labor	hour											66.0000	7.50	495.00	495.00
Packing boxes	each											900.0000	1.25	1125.00	1125.00
Pack line/wet/small	acre			1.00	Jul			2.79	12.52			1.0000			15.31
Pickup truck	1/2 ton		1.000	4.70	Jul			45.83	42.14	4.700	35.25				123.22
Shredder 1R	5 ft	23	0.740	1.00	Jul	2.39	1.17	0.36	0.93	0.814	6.11				10.94
Coulter	1 row	23	1.500	1.00	Jul	4.84	2.37	0.64	0.94	1.650	12.38				21.16
Other labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	1/2 ton		1.000	1.00	Jul			9.75	8.97	1.000	7.50				26.22
Disk 2R	6 ft	43	0.570	2.00	Jul	6.69	3.52	1.40	2.00	1.254	9.40				23.02
TOTALS						63.74	31.72	86.63	145.67	31.379	235.34			4744.57	5307.67
INTEREST ON OPERATING CAPITAL															150.56
TOTAL SPECIFIED COST															5458.23

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 15.B Summary of estimated costs per acre, Peppers (Bell), irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	223.20	1.0000	223.20	
FUNGICIDES	acre	112.40	1.0000	112.40	
HERBICIDES	acre	21.50	1.0000	21.50	
HIRED LABOR	acre	532.50	1.0000	532.50	
INSECTICIDES	acre	27.97	1.0000	27.97	
PACK & HARVEST ITEMS	acre	1134.00	1.0000	1134.00	
PLASTIC	acre	425.00	1.0000	425.00	
FUMIGANT	acre	450.00	1.0000	450.00	
PLANTS	acre	648.00	1.0000	648.00	
HARVEST LABOR	acre	1170.00	1.0000	1170.00	
OPERATOR LABOR	hour	7.50	28.3790	212.84	
IRRIGATION LABOR	hour	7.50	3.0000	22.50	
DIESEL FUEL	gal	2.20	5.0388	11.09	
ELECTRICITY	kWh	0.15	23.2500	3.49	
GASOLINE	gal	2.40	31.8893	76.53	
REPAIR & MAINTENANCE	acre	59.27	1.0000	59.27	
INTEREST ON OP. CAP.	acre	150.56	1.0000	150.56	

TOTAL DIRECT EXPENSES				5280.84	
TOTAL FIXED EXPENSES				177.39	

TOTAL SPECIFIED EXPENSES				5458.23	

Table 15C. Effects of yields and prices on net returns per acre above total direct expenses, Peppers (Bell), irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Bushels)	-----Price Per Bushel-----				
	5.00	6.50	8.00	9.50	11.00
	-----Net Returns Per Acre-----				
600.00	-1680.84	-780.84	119.16	1019.16	1919.16
750.00	-1230.84	-105.84	1019.16	2144.16	3269.16
900.00	-780.84	569.16	1919.16	3269.16	4619.16
1050.00	-330.84	1244.16	2819.16	4394.16	5969.16
1200.00	119.16	1919.16	3719.16	5519.16	7319.16

Table 16.A Estimated resource use and costs per acre for field operations, Pepper (Bell), irrigated, fresh wholesale market, four-row equipment, plastic mulch, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----						dollars			
Lime (spread)	cwt			1.00	Sep							6.6000	2.50	16.50	16.50
Disk 4R	13.3 ft	68	0.150	1.00	Sep	1.39	0.73	0.56	0.80	0.165	1.24				4.72
Disk 4R	13.3 ft	68	0.150	1.00	Oct	1.39	0.73	0.56	0.80	0.165	1.24				4.72
Fertilizer buggy	30 ft	93	0.060	1.00	Oct	0.20	0.58		0.33	0.066	0.50				1.60
13-13-13	lb											900.0000	0.18	164.70	164.70
Hipper 4R	13.3 ft	68	0.160	2.00	Oct	2.97	1.55	0.63	0.90	0.352	2.64				8.70
Conditioner, row 1R	6 ft	23	0.410	1.00	Oct	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Plastic & fumigation	5 ft	23	1.500	1.00	Oct	4.84	2.37	2.39	4.98	4.650	34.88				49.45
Plastic	roll											5.0000	85.00	425.00	425.00
Methyl bromide	lbs											200.0000	3.00	600.00	600.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Gramoxone	pt											2.0000	5.40	10.80	10.80
Surfactant	pt											1.0000	2.00	2.00	2.00
Hole puncher 4R	4 row	68	0.330	1.00	Mar			0.79	1.65						2.44
Trailer utility	10 ft	23	1.000	1.00	Mar	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Pepper plants	100											80.0000	8.10	648.00	648.00
Contract planting,	2 1000											8.0000	12.50	100.00	100.00
Irrigation, furrow	acin			1.00	Mar				55.50						55.50
Other labor	hour											0.6000	7.50	4.50	4.50
Other labor	hour			1.00	Mar							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Orthene	lbs											0.6700	11.90	7.97	7.97
Kocide	lb											2.0000	3.00	6.00	6.00
Manzate	lb											1.0000	3.20	3.20	3.20
Injection wheel 4R	4 row	68	0.330	1.00	Apr			1.16	1.65						2.81
CaNO3, regular	lb											125.0000	0.35	43.75	43.75
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Manzate	lb											1.0000	3.20	3.20	3.20
Kocide	lb											2.0000	3.00	6.00	6.00
Irrigation, furrow	acin			1.00	Apr			3.80		1.000	7.50	1.0000			11.30
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Manzate	lb											1.0000	3.20	3.20	3.20
Kocide	lb											2.0000	3.00	6.00	6.00
Cultivate & Herb 2R	6 ft	43	0.690	1.00	May	4.05	2.13	1.21	1.73	0.759	5.69				14.82
Gramoxone	pt											1.5000	5.40	8.10	8.10
Surfactant	pt											0.3000	2.00	0.60	0.60
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ridomil Gold	pt											1.0000	88.00	88.00	88.00
Irrigation, furrow	acin			1.00	May			11.40		3.000	22.50	3.0000			33.90
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Lannate	pt											1.0000	6.90	6.90	6.90
Irrigation, furrow	acin			1.00	Jun			3.80		1.000	7.50	1.0000			11.30
Other labor	hour			1.00	Jun							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.5000	14.00	7.00	7.00
Cultivator 4R	13.3 ft	68	0.140	1.00	Jun	1.30	0.68	0.28	0.39	0.154	1.16				3.80
Irrigation, furrow	acin			1.00	Jun			22.80		6.000	45.00	6.0000			67.80
Trailer utility	10 ft	23	1.000	1.00	Jul	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Harvest labor	bu											900.0000	0.75	675.00	675.00
Harvest container	each											15.0000	1.00	15.00	15.00
Other labor	hour											13.0000	7.50	97.50	97.50
Vegetable bin	each											4.0000	50.00	200.00	200.00
Pack line/wet/large	acre			1.00	Jul			3.25	15.65			1.0000			18.90
Packing labor	hour											45.0000	7.50	337.50	337.50
Packing boxes	each											900.0000	1.25	1125.00	1125.00
Fork lift			1.000	1.00	Jul			5.03	4.58	1.000	7.50				17.11
Pickup truck	1/2 ton		1.000	6.20	Jul			60.45	55.59	6.200	46.50				162.54
Shredder 2R	6.7 ft	43	0.390	1.00	Jul	2.29	1.20	0.31	0.81	0.429	3.22				7.84
Coulter	4 row	68	0.140	1.00	Jul	1.30	0.68	0.30	0.44	0.154	1.16				3.87
Other labor	hour											12.0000	7.50	90.00	90.00
Pickup truck	1/2 ton		1.000	1.00	Jul			9.75	8.97	1.000	7.50				26.22
Other labor	hour											1.0000	7.50	7.50	7.50
Disk 4R	13.3 ft	68	0.150	1.00	Jul	1.39	0.73	0.56	0.80	0.165	1.24				4.72
Cover crop	acre											1.0000	60.00	60.00	60.00
						33.19	17.28	131.67	159.82	30.373	227.80				
TOTALS														4843.92	5413.69
INTEREST ON OPERATING CAPITAL															154.79
TOTAL SPECIFIED COST															5568.48

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 16.B Summary of estimated costs per acre, Pepper (Bell),
irrigated, fresh wholesale market, four-row equipment,
plastic mulch, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	224.95	1.0000	224.95	_____
FUNGICIDES	acre	115.60	1.0000	115.60	_____
HERBICIDES	acre	21.50	1.0000	21.50	_____
HIRED LABOR	acre	374.50	1.0000	374.50	_____
INSECTICIDES	acre	21.87	1.0000	21.87	_____
PACK & HARVEST ITEMS	acre	1340.00	1.0000	1340.00	_____
SEED	acre	60.00	1.0000	60.00	_____
PLASTIC	acre	425.00	1.0000	425.00	_____
FUMIGANT	acre	600.00	1.0000	600.00	_____
PLANTS	acre	648.00	1.0000	648.00	_____
HARVEST LABOR	acre	1012.50	1.0000	1012.50	_____
OPERATOR LABOR	hour	7.50	19.3730	145.30	_____
IRRIGATION LABOR	hour	7.50	11.0000	82.50	_____
DIESEL FUEL	gal	2.20	6.0618	13.34	_____
ELECTRICITY	kWh	0.15	71.0000	10.65	_____
GASOLINE	gal	2.40	25.4212	61.01	_____
REPAIR & MAINTENANCE	acre	79.86	1.0000	79.86	_____
INTEREST ON OP. CAP.	acre	154.79	1.0000	154.79	_____

TOTAL DIRECT EXPENSES				5391.37	_____
TOTAL FIXED EXPENSES				177.11	_____

TOTAL SPECIFIED EXPENSES				5568.48	_____

Table 16C. Effects of yields and prices on net returns per acre above
total direct expenses, Peppers (Bell), irrigated, fresh
wholesale market, six-row equipment, average yield, Louisiana,
2006.

Yield (bushels)	-----Price Per Bushel-----				
	5.00	6.50	8.00	9.50	11.00
	-----Net Returns Per Acre-----				
600.00	-1791.37	-891.37	8.63	908.63	1808.63
750.00	-1341.37	-216.37	908.63	2033.63	3158.63
900.00	-891.37	458.63	1808.63	3158.63	4508.63
1050.00	-441.37	1133.63	2708.63	4283.63	5858.63
1200.00	8.63	1808.63	3608.63	5408.63	7208.63

Table 17.A Estimated resource use and costs per acre for field operations, Potato (Irish), fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 2R	6 ft	43	0.570	3.00	Jan	10.03	5.28	2.11	3.00	1.881	14.11				34.53
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jan	5.00	2.45	1.82	2.59	1.705	12.79				24.64
13-13-13	lb											800.0000	0.18	146.40	146.40
Hipper 1R	3 ft	23	1.530	1.00	Feb	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Conditioner, row 1R	6 ft	23	0.410	1.00	Feb	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Trailer utility	10 ft	23	1.000	1.00	Feb	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Planting labor	hour											14.0000	7.50	105.00	105.00
Irish potato seed	cwt											11.0000	22.00	242.00	242.00
Sprayer, boom	12 ft	23	0.190	1.00	Feb	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Dual	pt											2.0000	13.12	26.24	26.24
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Pounce	pt											0.5000	17.60	8.80	8.80
Cultivate & fert 1R	3 ft	23	1.610	1.00	Mar	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33% lb												150.0000	0.13	19.50	19.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Bravo	pt											0.7500	6.35	4.76	4.76
Cultivator 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Pounce	pt											0.5000	17.60	8.80	8.80
Dithane	lb											0.7500	3.00	2.25	2.25
Cultivator 1R	3 ft	23	1.530	1.00	May	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Shredder 1R	5 ft	23	0.740	1.00	Jun	2.39	1.17	0.36	0.93	0.814	6.11				10.94
Potato digger, chain	1 row	23	1.500	1.00	Jun	4.84	2.37	2.77	3.94	1.650	12.38				26.30
Trailer utility	10 ft	23	1.000	1.00	Jun	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Harvest labor	hour											28.0000	7.50	210.00	210.00
Harvest crate	each											30.0000	1.15	34.50	34.50
Packing labor	hour											22.0000	7.50	165.00	165.00
Packing sacks	each											150.0000	0.75	112.50	112.50
Pickup truck	1/2 ton		1.000	7.00	Jun			68.25	62.77	7.000	52.50				183.52
Disk 2R	6 ft	43	0.570	2.00	Jun	6.69	3.52	1.40	2.00	1.254	9.40				23.02
TOTALS						59.18	29.60	83.69	85.94	24.611	184.58				1528.76
INTEREST ON OPERATING CAPITAL														1085.75	31.91
TOTAL SPECIFIED COST															1560.67

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 17.B Summary of estimated costs per acre, Potato (Irish), fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	165.90	1.0000	165.90	_____
FUNGICIDES	acre	7.01	1.0000	7.01	_____
HERBICIDES	acre	26.24	1.0000	26.24	_____
HIRED LABOR	acre	105.00	1.0000	105.00	_____
INSECTICIDES	acre	17.60	1.0000	17.60	_____
PACK & HARVEST ITEMS	acre	147.00	1.0000	147.00	_____
SEED	acre	242.00	1.0000	242.00	_____
HARVEST LABOR	acre	375.00	1.0000	375.00	_____
OPERATOR LABOR	hour	7.50	24.6110	184.58	_____
DIESEL FUEL	gal	2.20	6.2985	13.86	_____
GASOLINE	gal	2.40	32.3708	77.69	_____
REPAIR & MAINTENANCE	acre	51.33	1.0000	51.33	_____
INTEREST ON OP. CAP.	acre	31.91	1.0000	31.91	_____

TOTAL DIRECT EXPENSES				1445.12	_____
TOTAL FIXED EXPENSES				115.54	_____

TOTAL SPECIFIED EXPENSES				1560.67	_____

Table 17C. Effects of yields and prices on net returns per acre above total direct expenses, Potato (Irish), fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Sack)	-----Price Per Sack-----				
	13.00	14.00	15.00	16.00	17.00
	-----Net Returns Per Acre-----				
100.00	-32.62	67.38	167.38	267.38	367.38
125.00	236.13	361.13	486.13	611.13	736.13
150.00	504.88	654.88	804.88	954.88	1104.88
175.00	773.63	948.63	1123.63	1298.63	1473.63
200.00	1042.38	1242.38	1442.38	1642.38	1842.38

Table 18.A Estimated resource use and costs per acre for field operations, Potato (Sweet), fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 2R	6 ft	43	0.570	1.00	Mar	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk 2R	6 ft	43	0.570	2.00	Apr	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Hipper 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Lorsban 4E	pt											2.0000	4.49	8.98	8.98
Fertilizer applicatr	1 row	23	0.500	1.00	Apr	1.61	0.79	0.15	0.25	0.550	4.13	500.0000	0.11	56.50	6.93
8-24-24	lb														56.50
Hipper 1R	3 ft	23	1.530	1.00	May	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Ditcher	1.5 ft	23	0.050	1.00	May	0.16	0.08	0.11	0.16	0.055	0.41				0.92
Hipper 1R	3 ft	23	1.530	1.00	May	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Trailer utility	10 ft	23	1.000	1.00	May	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Planting labor	hour											10.0000	7.50	75.00	75.00
Sweet potato slips	acre											1.0000	119.69	119.69	119.69
Cut slip labor	hour											5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Command	qt											1.3000	22.46	29.20	29.20
Trailer, water	10 ft	43	1.000	1.00	May	5.87	3.09	0.63	2.57	1.100	8.25				20.41
Other labor	hour											2.0000	7.50	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Pennncap M	pt											2.0000	3.46	6.92	6.92
Cultivator 1R	3 ft	23	1.530	1.00	Jun	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Imidan	lb.											1.3300	7.45	9.91	9.91
Ditcher	1.5 ft	23	0.050	1.00	Jun	0.16	0.08	0.11	0.16	0.055	0.41				0.92
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Pennncap M	pt											2.0000	3.46	6.92	6.92
Cultivator 1R	3 ft	23	1.530	1.00	Jul	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Imidan	lb.											1.3000	7.45	9.69	9.69
Cultivator 1R	3 ft	23	1.530	1.00	Jul	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Ditcher	1.5 ft	23	0.050	1.00	Jul	0.16	0.08	0.11	0.16	0.055	0.41				0.92
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Pennncap M	pt											2.0000	3.46	6.92	6.92
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Imidan	lb.											1.3000	7.45	9.69	9.69
Sprayer, boom	12 ft	23	0.190	1.00	Aug	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Pennncap M	pt											2.0000	3.46	6.92	6.92
Trailer utility	10 ft	23	1.000	2.00	Sep	6.45	3.16	0.53	1.90	2.200	16.50				28.55
Shredder 1R	5 ft	23	0.740	1.00	Sep	2.39	1.17	0.36	0.93	0.814	6.11				10.94
Coulter	1 row	23	1.500	1.00	Sep	4.84	2.37	0.64	0.94	1.650	12.38				21.16
Potato digger, chain	1 row	23	1.500	1.00	Sep	4.84	2.37	2.77	3.94	1.650	12.38				26.30
Harvest labor	hour											50.0000	7.50	375.00	375.00
Harvest crate	each											75.0000	1.15	86.25	86.25
Truck	2 ton		1.000	2.00	Sep			21.08	21.91	2.000	15.00				57.99
Other labor	hour											8.0000	7.50	60.00	60.00
TOTALS						74.27	36.96	37.01	47.73	24.880	186.60			920.08	1302.64
INTEREST ON OPERATING CAPITAL															26.11
TOTAL SPECIFIED COST															1328.75

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 18.B Summary of estimated costs per acre, Potato (Sweet), fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	56.50	1.0000	56.50	_____
HERBICIDES	acre	29.20	1.0000	29.20	_____
HIRED LABOR	acre	187.50	1.0000	187.50	_____
INSECTICIDES	acre	65.94	1.0000	65.94	_____
PACK & HARVEST ITEMS	acre	86.25	1.0000	86.25	_____
SEED	acre	119.69	1.0000	119.69	_____
HARVEST LABOR	acre	375.00	1.0000	375.00	_____
OPERATOR LABOR	hour	7.50	24.8800	186.60	_____
DIESEL FUEL	gal	2.20	11.9891	26.38	_____
GASOLINE	gal	2.40	20.4417	49.06	_____
REPAIR & MAINTENANCE	acre	35.84	1.0000	35.84	_____
INTEREST ON OP. CAP.	acre	26.11	1.0000	26.11	_____

TOTAL DIRECT EXPENSES				1244.06	_____
TOTAL FIXED EXPENSES				84.69	_____

TOTAL SPECIFIED EXPENSES				1328.75	_____

Table 18C. Effects of yields and prices on net returns per acre above total direct expenses, Potato (Sweet), fresh market one-row equipment, average yield, Louisiana, 2006.

Yield (Cwt)	-----Price Per Cwt-----				
	9.75	11.25	12.75	14.25	15.75
	-----Net Returns Per Acre-----				
75.00	-467.81	-400.31	-332.81	-265.31	-197.81
125.00	-291.56	-179.06	-66.56	45.94	158.44
175.00	-115.31	42.19	199.69	357.19	514.69
225.00	60.94	263.44	465.94	668.44	870.94
275.00	237.19	484.69	732.19	979.69	1227.19

Table 19.A Estimated resource use and costs per acre for field operations, Potato (Sweet), fresh market, four-row field equipment, one-row riding harvester, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk 4R	13.3 ft	68	0.150	1.00	Apr	1.39	0.73	0.56	0.80	0.165	1.24				4.72	
Disk 4R	13.3 ft	68	0.150	2.00	Apr	2.78	1.45	1.12	1.60	0.330	2.48				9.43	
Fertilizer buggy	30 ft	68	0.060	1.00	Apr	0.56	0.29	0.23	0.33	0.066	0.50				1.90	
8-24-24	lb											500.0000	0.11	56.50	56.50	
Hipper 4R	13.3 ft	68	0.160	1.00	Apr	1.48	0.78	0.32	0.45	0.176	1.32				4.35	
Lorsban 4E	pt											2.0000	4.49	8.98	8.98	
Hipper 4R	13.3 ft	68	0.160	2.00	May	2.97	1.55	0.63	0.90	0.352	2.64				8.70	
Trailer utility	10 ft	23	1.000	1.00	May	3.23	1.58	0.27	0.95	1.100	8.25				14.28	
Sweet potato slips	acre											1.0000	119.69	119.69	119.69	
Cut slip labor	hour											5.0000	7.50	37.50	37.50	
Planting labor	hour											12.0000	7.50	90.00	90.00	
Trailer, water	10 ft	43	1.000	1.00	May	5.87	3.09	0.63	2.57	1.100	8.25				20.41	
Other labor	hour											2.0000	7.50	15.00	15.00	
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Command	qt											1.3000	22.46	29.20	29.20	
Ditcher	1.5 ft	23	0.050	1.00	May	0.16	0.08	0.11	0.16	0.055	0.41				0.92	
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Pennncap M	pt											2.0000	3.46	6.92	6.92	
Cultivator 4R	13.3 ft	68	0.140	1.00	Jun	1.30	0.68	0.28	0.39	0.154	1.16				3.80	
Ditcher	1.5 ft	23	0.050	1.00	Jun	0.16	0.08	0.11	0.16	0.055	0.41				0.92	
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Imidan	lb.											1.3000	7.45	9.69	9.69	
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Pennncap M	pt											2.0000	3.46	6.92	6.92	
Cultivator 4R	13.3 ft	68	0.140	1.00	Jul	1.30	0.68	0.28	0.39	0.154	1.16				3.80	
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Imidan	lb.											1.3000	7.45	9.69	9.69	
Cultivator 4R	13.3 ft	68	0.140	1.00	Jul	1.30	0.68	0.28	0.39	0.154	1.16				3.80	
Ditcher	1.5 ft	23	0.050	1.00	Jul	0.16	0.08	0.11	0.16	0.055	0.41				0.92	
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Pennncap M	pt											2.0000	3.46	6.92	6.92	
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Imidan	lb.											1.3000	7.45	9.69	9.69	
Sprayer, boom	12 ft	23	0.190	1.00	Aug	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Pennncap M	pt											2.0000	3.46	6.92	6.92	
Coulter	4 row	68	0.140	1.00	Sep	1.30	0.68	0.30	0.44	0.154	1.16				3.87	
Shredder 2R	6.7 ft	43	0.390	1.00	Sep	2.29	1.20	0.31	0.81	0.429	3.22				7.84	
Trailer utility	10 ft	23	1.000	1.00	Sep	3.23	1.58	0.27	0.95	1.100	8.25				14.28	
Other labor	hour											1.0000	7.50	7.50	7.50	
Truck	2 ton		1.000	2.00	Sep			21.08	21.91	2.000	15.00				57.99	
Other labor	hour											7.0000	7.50	52.50	52.50	
Harvester, riding 1R	1 row	68	2.670	1.00	Sep	24.77	12.94	7.83	11.14	2.937	22.03				78.72	
Potato bins	each											3.0000	50.00	150.00	150.00	
Harvest labor	hour											33.0000	7.50	247.50	247.50	
Truck	2 ton		1.000	1.00	Sep			10.54	10.96	1.000	7.50				28.99	
Fork lift			1.000	1.00	Sep			5.03	4.58	1.000	7.50				17.11	
Packing Line	acre				Sep			6.01	9.11	20.000	150.00				165.12	
Packing boxes	each											1.0000				
Other labor	hour											180.0000	1.20	216.00	216.00	
												1.5000	7.50	11.25	11.25	
TOTALS						59.15	30.55	58.36	71.40	34.208	256.56					
INTEREST ON OPERATING CAPITAL															1098.35	1574.37
TOTAL SPECIFIED COST																25.28
																1599.65

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 19.B Summary of estimated costs per acre, Potato (Sweet), fresh market, four-row field equipment, one-row riding harvester, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	56.50	1.0000	56.50	_____
HERBICIDES	acre	29.20	1.0000	29.20	_____
HIRED LABOR	acre	213.75	1.0000	213.75	_____
INSECTICIDES	acre	65.72	1.0000	65.72	_____
PACK & HARVEST ITEMS	acre	366.00	1.0000	366.00	_____
SEED	acre	119.69	1.0000	119.69	_____
HARVEST LABOR	acre	247.50	1.0000	247.50	_____
OPERATOR LABOR	hour	7.50	14.2080	106.56	_____
HAND LABOR	hour	7.50	20.0000	150.00	_____
DIESEL FUEL	gal	2.20	26.8419	59.05	_____
ELECTRICITY	kWh	0.15	7.7000	1.16	_____
GASOLINE	gal	2.40	5.6471	13.55	_____
REPAIR & MAINTENANCE	acre	43.75	1.0000	43.75	_____
INTEREST ON OP. CAP.	acre	25.28	1.0000	25.28	_____

TOTAL DIRECT EXPENSES				1497.71	_____
TOTAL FIXED EXPENSES				101.95	_____

TOTAL SPECIFIED EXPENSES				1599.65	_____

Table 19C. Effects of yields and prices on net returns per acre above total direct expenses, Potato (Sweet), fresh market four-row equipment, one-row riding harvester, average yield, Louisiana, 2006.

Yield (Cwt)	-----Price Per Cwt-----				
	12.75	14.25	15.75	17.25	18.75
	-----Net Returns Per Acre-----				
75.00	-514.46	-446.96	-379.46	-311.96	-244.46
125.00	-284.21	-171.71	-59.21	53.29	165.79
175.00	-53.96	103.54	261.04	418.54	576.04
225.00	176.29	378.79	581.29	783.79	986.29
275.00	406.54	654.04	901.54	1149.04	1396.54

Table 20.A Estimated resource use and costs per acre for field operations, Potato (Sweet), fresh market, six-row field equipment, two-row riding harvester, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----						dollars		-----dollars-----	
Disk 6R	20 ft	143	0.100	3.00	Apr	6.13	3.91	2.31	3.29	0.330	2.48				18.11
Fertilizer buggy	30 ft	68	0.060	1.00	Apr	0.56	0.29	0.23	0.33	0.066	0.50				1.90
8-24-24	lb											500.0000	0.11	56.50	56.50
Hipper 6R	20 ft	143	0.090	1.00	Apr	1.84	1.17	0.29	0.41	0.099	0.74				4.44
Lorsban 4E	pt											2.0000	4.49	8.98	8.98
Hipper 6R	20 ft	143	0.090	2.00	May	3.68	2.34	0.57	0.81	0.198	1.49				8.89
Trailer utility	10 ft	23	1.000	1.00	May	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Sweet potato slips	acre											1.0000	119.69	119.69	119.69
Cut slip labor	hour											5.0000	7.50	37.50	37.50
Transplanter 4R	12 ft	68	0.600	1.00	May	5.57	2.91	1.52	5.01	0.660	4.95				19.95
Planting labor	hour											12.0000	7.50	90.00	90.00
Harvest crate	each											3.0000	1.15	3.45	3.45
Sprayer, boom	20 ft	93	0.120	1.00	May	1.67	1.15	0.26	0.28	0.132	0.99				4.36
Command	qt											1.3000	22.46	29.20	29.20
Ditcher	1.5 ft	23	0.050	1.00	May	0.16	0.08	0.11	0.16	0.055	0.41				0.92
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.67	1.15	0.26	0.28	0.132	0.99				4.36
Pennncap M	pt											2.0000	3.46	6.92	6.92
Cultivator 6R	20 ft	143	0.100	1.00	Jun	2.04	1.30	0.29	0.41	0.110	0.83				4.87
Ditcher	1.5 ft	23	0.050	1.00	Jun	0.16	0.08	0.11	0.16	0.055	0.41				0.92
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.67	1.15	0.26	0.28	0.132	0.99				4.36
Imidan	lb.											1.3000	7.45	9.69	9.69
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.67	1.15	0.26	0.28	0.132	0.99				4.36
Pennncap M	pt											2.0000	3.46	6.92	6.92
Cultivator 6R	20 ft	143	0.100	1.00	Jul	2.04	1.30	0.29	0.41	0.110	0.83				4.87
Sprayer, boom	20 ft	93	0.120	1.00	Jul	1.67	1.15	0.26	0.28	0.132	0.99				4.36
Imidan	lb.											1.3000	7.45	9.69	9.69
Cultivator 6R	20 ft	143	0.100	1.00	Jul	2.04	1.30	0.29	0.41	0.110	0.83				4.87
Ditcher	1.5 ft	23	0.050	1.00	Jul	0.16	0.08	0.11	0.16	0.055	0.41				0.92
Sprayer, boom	20 ft	93	0.120	1.00	Jul	1.67	1.15	0.26	0.28	0.132	0.99				4.36
Pennncap M	pt											2.0000	3.46	6.92	6.92
Sprayer, boom	20 ft	93	0.120	1.00	Jul	1.67	1.15	0.26	0.28	0.132	0.99				4.36
Imidan	lb.											1.3000	7.45	9.69	9.69
Sprayer, boom	20 ft	93	0.120	1.00	Aug	1.67	1.15	0.26	0.28	0.132	0.99				4.36
Pennncap M	pt											2.0000	3.46	6.92	6.92
Coulter	4 row	0	0.140	1.00	Sep			0.30	0.44						0.74
Shredder 2R	6.7 ft	43	0.390	1.00	Sep	2.29	1.20	0.31	0.81	0.429	3.22				7.84
Trailer utility	10 ft	23	1.000	1.00	Sep	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Other labor	hour											1.0000	7.50	7.50	7.50
Truck	2 ton		1.000	2.00	Sep			21.08	21.91	2.000	15.00				57.99
Other labor	hour											7.0000	7.50	52.50	52.50
Harvester, riding 2R	2 row	0	2.000	1.00	Sep			5.48	8.89						14.36
Harvest labor	hour											32.0000	7.50	240.00	240.00
Potato bins	each											3.0000	50.00	150.00	150.00
Truck	2 ton		1.000	1.00	Sep			10.54	10.96	1.000	7.50				28.99
Fork lift	each		1.000	1.00	Sep			5.03	4.58	1.000	7.50				17.11
Packing Line	acre			1.00	Sep			6.01	9.11	20.000	150.00	1.0000			165.12
Packing boxes	each											180.0000	1.20	216.00	216.00
Other labor	hour											1.5000	7.50	11.25	11.25
TOTALS						46.51	28.36	57.49	72.40	29.533	221.50			1079.30	1505.56
INTEREST ON OPERATING CAPITAL															24.46
TOTAL SPECIFIED COST															1530.02

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 20.B Summary of estimated costs per acre, Potato (Sweet), fresh market, six-row field equipment, two-row riding harvester, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	56.50	1.0000	56.50	_____
HERBICIDES	acre	29.20	1.0000	29.20	_____
HIRED LABOR	acre	198.75	1.0000	198.75	_____
INSECTICIDES	acre	65.72	1.0000	65.72	_____
PACK & HARVEST ITEMS	acre	369.45	1.0000	369.45	_____
SEED	acre	119.69	1.0000	119.69	_____
HARVEST LABOR	acre	240.00	1.0000	240.00	_____
OPERATOR LABOR	hour	7.50	9.5330	71.50	_____
HAND LABOR	hour	7.50	20.0000	150.00	_____
DIESEL FUEL	gal	2.20	23.1735	50.98	_____
ELECTRICITY	kWh	0.15	7.7000	1.16	_____
GASOLINE	gal	2.40	3.9295	9.43	_____
REPAIR & MAINTENANCE	acre	42.43	1.0000	42.43	_____
INTEREST ON OP. CAP.	acre	24.46	1.0000	24.46	_____

TOTAL DIRECT EXPENSES				1429.26	_____
TOTAL FIXED EXPENSES				100.77	_____

TOTAL SPECIFIED EXPENSES				1530.02	_____

Table 20C. Effects of yields and prices on net returns per acre above total direct expenses, Potato (Sweet), fresh market , four-row equipment, two-row riding harvester, average yield, Louisiana, 2006.

Yield (bu)	-----Price Per Bushel-----				
	12.75	14.25	15.75	17.25	18.75
	-----Net Returns Per Acre-----				
75.00	-398.01	-330.51	-263.01	-195.51	-128.01
125.00	-191.76	-79.26	33.24	145.74	258.24
175.00	14.49	171.99	329.49	486.99	644.49
225.00	220.74	423.24	625.74	828.24	1030.74
275.00	426.99	674.49	921.99	1169.49	1416.99

Table 21.A Estimated resource use and costs per acre for field operations, Shallots, fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 2R	6 ft	43	0.570	3.00	Aug	10.03	5.28	2.11	3.00	1.881	14.11				34.53
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Aug	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											400.0000	0.11	45.20	45.20
Hipper 1R	3 ft	23	1.530	2.00	Aug	9.87	4.84	1.35	1.92	3.366	25.25				43.22
Trailer utility	10 ft	23	1.000	1.00	Aug	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Planting labor	hour											20.0000	7.50	150.00	150.00
Shallots sets	lbs											300.0000	2.00	600.00	600.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Malathion	pt											0.6000	3.21	1.93	1.93
Buffer	pt											1.0000	2.00	2.00	2.00
Ridomil + Bravo	lb											1.0000	17.75	17.75	17.75
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Prowl	pt											1.5000	2.63	3.95	3.95
Cultivator 1R	3 ft	23	1.530	1.00	Sep	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Cultivate & fert 1R	3 ft	23	1.610	1.00	Oct	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33%	lb											100.0000	0.13	13.00	13.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Malathion	pt											0.6000	3.21	1.93	1.93
Buffer	pt											1.0000	2.00	2.00	2.00
Ridomil + Bravo	lb											1.0000	17.75	17.75	17.75
Cultivator 1R	3 ft	23	1.530	1.00	Oct	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Cultivator 1R	3 ft	23	1.530	1.00	Nov	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Malathion	pt											0.6000	3.21	1.93	1.93
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Dec	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Malathion	pt											0.6000	3.21	1.93	1.93
Buffer	pt											1.0000	2.00	2.00	2.00
Lifter blade	1 row	43	1.500	1.00	Jan	8.80	4.63	1.17	2.44	1.650	12.38				29.42
Harvest labor	hour			1.00	Jan							25.0000	7.50	187.50	187.50
Harvest container	each			1.00	Jan							4.0000	1.00	4.00	4.00
Packing labor	hour			1.00	Jan							140.0000	7.50	1050.00	1050.00
Rubber bands	lbs			1.00	Jan							2.0000	5.00	10.00	10.00
Packing crates	each			1.00	Jan							400.0000	1.10	440.00	440.00
Ice	cwt			1.00	Jan							40.0000	7.10	284.00	284.00
Pickup truck	1/2 ton		1.000	6.00	Jan			58.50	53.80	6.000	45.00				157.30
Middle buster 1R	3 ft	23	1.530	1.00	Jan	4.94	2.42	0.34	0.48	1.683	12.62				20.79
Disk 2R	6 ft	43	0.570	2.00	Jan	6.69	3.52	1.40	2.00	1.254	9.40				23.02
TOTALS						76.57	38.44	75.41	78.76	28.187	211.40				3319.43
INTEREST ON OPERATING CAPITAL															61.56
TOTAL SPECIFIED COST															3380.99

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 21.B Summary of estimated costs per acre, Shallots, fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	58.20	1.0000	58.20	_____
FUNGICIDES	acre	35.50	1.0000	35.50	_____
HERBICIDES	acre	3.95	1.0000	3.95	_____
HIRED LABOR	acre	150.00	1.0000	150.00	_____
INSECTICIDES	acre	15.70	1.0000	15.70	_____
PACK & HARVEST ITEMS	acre	738.00	1.0000	738.00	_____
SEED	acre	600.00	1.0000	600.00	_____
HARVEST LABOR	acre	1237.50	1.0000	1237.50	_____
OPERATOR LABOR	hour	7.50	28.1870	211.40	_____
DIESEL FUEL	gal	2.20	9.6135	21.15	_____
GASOLINE	gal	2.40	32.8766	78.90	_____
REPAIR & MAINTENANCE	acre	51.93	1.0000	51.93	_____
INTEREST ON OP. CAP.	acre	61.56	1.0000	61.56	_____

TOTAL DIRECT EXPENSES				3263.79	_____
TOTAL FIXED EXPENSES				117.20	_____

TOTAL SPECIFIED EXPENSES				3380.99	_____

Table 21C. Effects of yields and prices on net returns per acre above total direct expenses, Shallots, fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Doz Bunches)	-----Price Per Dozen Bunches-----				
	1.20	1.60	2.00	2.40	2.80
	-----Net Returns Per Acre-----				
1000.00	-345.04	54.96	454.96	854.96	1254.96
1500.00	-604.42	-4.41	595.59	1195.59	1795.59
2000.00	-863.79	-63.79	736.21	1536.21	2336.21
2500.00	-1123.17	-123.17	876.84	1876.84	2876.84
3000.00	-1382.54	-182.54	1017.46	2217.46	3417.46

Table 22.A Estimated resource use and costs per acre for field operations, Squash (Yellow Summer), hybrid, fresh market, one-row equipment, average yield, Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Feb	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Disk 2R	6 ft	43	0.570	1.00	Mar	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk 2R	6 ft	43	0.570	2.00	Mar	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											500.0000	0.11	56.50	56.50
Hipper 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Planter 1R	3 ft	23	1.500	1.00	Mar	4.84	2.37	0.35	0.56	1.650	12.38				20.50
Yellow squash seed	lbs											4.0000	42.00	168.00	168.00
Other labor	hour			1.00	Apr							15.0000	7.50	112.50	112.50
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33%	lb											100.0000	0.13	13.00	13.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Thiodan	lb											0.5000	6.50	3.25	3.25
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Quadris	pt											0.7000	33.60	23.52	23.52
Cultivator 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Quadris	pt											0.7000	33.60	23.52	23.52
Cultivator 1R	3 ft	23	1.530	1.00	May	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											0.6000	5.43	3.26	3.26
Bravo	pt											1.5000	6.35	9.52	9.52
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											0.6000	5.43	3.26	3.26
Topsin M	lb											0.5000	16.60	8.30	8.30
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											0.6000	5.43	3.26	3.26
Trailer utility	10 ft	23	1.000	1.00	Jun	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Harvest labor	hour											110.0000	7.50	825.00	825.00
Harvest container	each											8.0000	1.00	8.00	8.00
Pack line/wet/small	acre			1.00	Jun					12.52					12.52
Packing labor	hour											12.0000	7.50	90.00	90.00
Packing boxes	each											375.0000	0.95	356.25	356.25
Pickup truck	1/2 ton		1.000	10.00	Jun			97.50	89.67	10.000	75.00				262.17
Shredder 1R	5 ft	23	0.740	1.00	Jun	2.39	1.17	0.36	0.93	0.814	6.11				10.94
Disk 2R	6 ft	43	0.570	1.00	Jun	3.34	1.76	0.70	1.00	0.627	4.70				11.51
TOTALS						61.14	30.69	111.74	122.87	27.765	208.24				2268.69
INTEREST ON OPERATING CAPITAL															27.47
TOTAL SPECIFIED COST															2296.16

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 22.B Summary of estimated costs per acre, Squash (Yellow Summer), hybrid, fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	86.00	1.0000	86.00	_____
FUNGICIDES	acre	64.86	1.0000	64.86	_____
HERBICIDES	acre	10.38	1.0000	10.38	_____
HIRED LABOR	acre	112.50	1.0000	112.50	_____
INSECTICIDES	acre	13.02	1.0000	13.02	_____
PACK & HARVEST ITEMS	acre	364.25	1.0000	364.25	_____
SEED	acre	168.00	1.0000	168.00	_____
HARVEST LABOR	acre	915.00	1.0000	915.00	_____
OPERATOR LABOR	hour	7.50	27.7650	208.24	_____
DIESEL FUEL	gal	2.20	7.5582	16.63	_____
GASOLINE	gal	2.40	39.3849	94.52	_____
REPAIR & MAINTENANCE	acre	61.73	1.0000	61.73	_____
INTEREST ON OP. CAP.	acre	27.47	1.0000	27.47	_____

TOTAL DIRECT EXPENSES				2142.61	_____
TOTAL FIXED EXPENSES				153.55	_____

TOTAL SPECIFIED EXPENSES				2296.16	_____

Table 22C. Effects of yields and prices on net returns per acre above total direct expenses, Squash (Yellow Summer), hybrid, fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Boxes)	-----Price Per Box-----				
	5.50	6.50	7.50	8.50	9.50
	-----Net Returns Per Acre-----				
275.00	-254.57	20.43	295.43	570.43	845.43
325.00	-167.34	157.66	482.66	807.66	1132.66
375.00	-80.11	294.89	669.89	1044.89	1419.89
425.00	7.12	432.12	857.12	1282.12	1707.12
475.00	94.35	569.35	1044.35	1519.35	1994.35

Table 23.A Estimated resource use and costs per acre for field operations, Strawberries, drip irrigated, fresh market, plastic mulch, row covers, four row equipment, high yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----						dollars		-----dollars-----	
Lime (spread)	cwt			1.00	May							6.6700	2.50	16.68	16.68
Disk 6R	20 ft	143	0.100	2.00	May	4.09	2.61	1.54	2.19	0.220	1.65				12.07
Hipper 4R	13.3 ft	68	0.160	1.00	Jun	1.48	0.78	0.32	0.45	0.176	1.32				4.35
Fertilizer dist(PTO)	20 ft	23	0.110	1.00	Jun	0.35	0.17	0.10	0.15	0.121	0.91				1.69
Southern pea seed	lbs											40.0000	1.81	72.40	72.40
Harrow, spike	18 ft	68	0.080	1.00	Jun	0.74	0.39	0.07	0.10	0.088	0.66				1.96
Shredder 2R	6.7 ft	43	0.390	1.00	Aug	2.29	1.20	0.31	0.81	0.429	3.22				7.84
Middle buster 4R	4R	93	0.300	1.00	Aug	4.18	2.88	0.46	0.66	0.330	2.48				10.66
Ditcher	1.5 ft	23	0.050	1.00	Aug	0.16	0.08	0.11	0.16	0.055	0.41				0.92
Fertilizer applicatr	20 ft	93	0.090	1.00	Sep	0.31	0.86	0.24	0.34	0.099	0.74				2.49
Nitrogen	lb											75.0000	0.13	9.75	9.75
Phosphorus	lb											170.0000	0.14	23.80	23.80
Potash	lb											160.0000	0.13	20.80	20.80
Hipper 4R	13.3 ft	68	0.160	1.00	Sep	1.48	0.78	0.32	0.45	0.176	1.32				4.35
Ditcher	1.5 ft	23	0.050	1.00	Sep	0.16	0.08	0.11	0.16	0.055	0.41				0.92
Row shaper	4R	68	0.300	1.00	Sep	2.78	1.45	0.79	1.13	0.330	2.48				8.63
Ditcher	1.5 ft	23	0.050	1.00	Sep	0.16	0.08	0.11	0.16	0.055	0.41				0.92
Plastic & fumigation	5 ft	23	1.500	1.00	Sep	4.84	2.37	2.39	4.98	4.650	34.88				49.45
Pickup truck	1/2 ton		1.000					9.75	8.97	1.000	7.50				26.22
Plastic	roll											5.0000	85.00	425.00	425.00
Methyl bromide	lbs											175.0000	3.00	525.00	525.00
Other labor	hour											13.0000	7.50	97.50	97.50
T-tape, drip irrig.	roll											3.0000	111.00	333.00	333.00
Hose, lay flat	roll											1.0000	90.00	90.00	90.00
Irrigation/sprinkler	acin			8.00	Sep			331.52	74.65	64.000	480.00	64.0000			886.17
Trailer utility	10 ft	23	1.000	1.00	Sep	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Other labor	hour											12.0000	7.50	90.00	90.00
Hole Puncher 1R	3 ft	23	0.750	1.00	Oct	2.42	1.19	0.63	1.03	0.825	6.19				11.45
Trailer small	8 ft	23	1.000	1.00	Oct	3.23	1.58	0.24	0.86	1.100	8.25				14.15
Pickup truck	1/2 ton		1.000					9.75	8.97	1.000	7.50				26.22
Strawberry plants	1000											15.0000	90.00	1350.00	1350.00
Contract planting,	1 1000											15.0000	18.75	281.25	281.25
Irrigate/fert, drip	acin			4.00	Oct			11.60	60.00			1.0000			71.60
CAN03, water sol.	lb											80.0000	0.45	36.00	36.00
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Princep	lb											0.7000	3.73	2.61	2.61
Gramoxone	pt											2.0000	5.40	10.80	10.80
Surfactant	pt											1.0000	2.00	2.00	2.00
Irrigate/fert, drip	acin			4.00	Nov			11.60				1.0000			11.60
CAN03, water sol.	lb											80.0000	0.45	36.00	36.00
Trailer utility	10 ft	23	1.000	1.00	Dec	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Pickup truck	1/2 ton		1.000					9.75	8.97	1.000	7.50				26.22
Row covers	roll											2.0000	435.00	870.00	870.00
Rice Bags	100											2.0000	20.00	40.00	40.00
Other labor	hour											12.0000	7.50	90.00	90.00
Sprayer, boom	12 ft	23	0.190	4.00	Dec	2.45	1.20	1.05	1.12	0.836	6.27				12.09
Kocide	lb											6.0000	3.00	18.00	18.00
Irrigate/fert, drip	acin			4.00	Dec			11.60				1.0000			11.60
CAN03, water sol.	lb											80.0000	0.45	36.00	36.00
Sprayer, boom	12 ft	23	0.190	4.00	Dec	2.45	1.20	1.05	1.12	0.836	6.27				12.09
Kocide	lb											6.0000	3.00	18.00	18.00
Irrigate/fert, drip	acin			4.00	Jan			11.60				1.0000			11.60
CAN03, water sol.	lb											80.0000	0.45	36.00	36.00
Other labor	hour			1.00	Jan							18.0000	7.50	135.00	135.00
Sprayer, boom	12 ft	23	0.190	3.00	Jan	1.84	0.90	0.78	0.84	0.627	4.70				9.07
Topsin M	lb											1.5000	16.60	24.90	24.90
Captan	lb											6.0000	3.02	18.12	18.12
Nova	oz											72.0000	4.25	306.00	306.00
Pickup truck	1/2 ton		1.000	1.00	Feb			9.75	8.97	1.000	7.50				26.22
Clean berry plants	hour											60.0000	7.50	450.00	450.00
Sprayer, boom	12 ft	23	0.190	1.00	Feb	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Gramoxone	pt											2.0000	5.40	10.80	10.80
Surfactant	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	4.00	Feb	2.45	1.20	1.05	1.12	0.836	6.27				12.09
Elevate	lb											8.0000	32.00	256.00	256.00
Captan	lb											8.0000	3.02	24.16	24.16
Irrigate/fert, drip	acin			4.00	Feb			11.60				1.0000			11.60
CAN03, water sol.	lb											80.0000	0.45	36.00	36.00
Other labor	hour			1.00	Feb							18.0000	7.50	135.00	135.00
Pickup truck	1/2 ton		1.000	1.00	Mar			9.75	8.97	1.000	7.50				26.22
Strip berry labor	hour											15.0000	7.50	112.50	112.50
Irrigate/fert, drip	acin			4.00	Mar			23.20	289.00			2.0000			23.20
CAN03, water sol.	lb											80.0000	0.45	36.00	36.00
Sprayer, boom	12 ft	23	0.190	3.00	Mar	1.84	0.90	0.78	0.84	0.627	4.70				9.07
Switch	oz											42.0000	4.57	191.94	191.94
AgriMek	pt											1.5000	83.50	125.25	125.25
Truck	1 ton		1.000	1.00	Mar			10.58	9.39	1.100	8.25				28.22
Harvest labor	flat											1100.0000	1.50	1650.00	1650.00
Flats w/ clamshells	each											1100.0000	2.29	2519.00	2519.00
Packing labor	hour											9.0000	7.50	67.50	67.50
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.23	0.60	0.52	0.56	0.418	3.14				6.05
Quadris	pt											1.2000	33.60	40.32	40.32
AgriMek	pt											2.0000	83.50	167.00	167.00
Irrigate/fert, drip	each			4.00	Apr			23.20	289.00			2.0000			312.20
CAN03, water sol.	lb											80.0000	0.45	36.00	36.00
Truck	1 ton		1.000	1.00	Apr			10.58	9.39	1.100	8.25				28.22
Harvest labor	flat											1100.0000	1.50	1650.00	1650.00
Flats w/ clamshells	each											1100.0000	2.29	2519.00	2519.00
Packing labor	hour											9.0000	7.50	67.50	67.50
Irrigate/fert, drip	acin			4.00	May			23.20				2.0000			23.20
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Gramoxone	pt											2.0000	5.40	10.80	10.80
Surfactant	pt											1.0000	2.00	2.00	2.00

Strawberries continued

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	TOTAL COST
-----dollars-----															
Trailer utility	10 ft	23	1.000	1.00	Jun	3.23	1.58	0.27	0.95	1.100	dollars 8.25				14.28
Truck	1 ton		1.000					10.58	9.39	1.100	8.25				28.22
Other labor	hour														
Coulter	1 row	23	1.500	1.00	Jun	4.84	2.37	0.64	0.94	1.650	12.38	15.0000	7.50	112.50	112.50

TOTALS						57.30	30.52	554.77	520.51	90.766	680.74				15235.8817079.73
INTEREST ON OPERATING CAPITAL															455.40
TOTAL SPECIFIED COST															17535.13

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 23.B Summary of estimated costs per acre, Strawberries, drip irrigated, fresh market, plastic mulch, row covers, four-row equipment, high yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	323.03	1.0000	323.03	_____
FUNGICIDES	acre	897.44	1.0000	897.44	_____
HERBICIDES	acre	41.01	1.0000	41.01	_____
HIRED LABOR	acre	1503.75	1.0000	1503.75	_____
INSECTICIDES	acre	292.25	1.0000	292.25	_____
PACK & HARVEST ITEMS	acre	5038.00	1.0000	5038.00	_____
SEED	acre	72.40	1.0000	72.40	_____
PLASTIC	acre	848.00	1.0000	848.00	_____
FUMIGANT	acre	525.00	1.0000	525.00	_____
PLANTS	acre	1350.00	1.0000	1350.00	_____
HARVEST LABOR	acre	3435.00	1.0000	3435.00	_____
ROW COVERS	acre	910.00	1.0000	910.00	_____
OPERATOR LABOR	hour	7.50	26.7660	200.75	_____
IRRIGATION LABOR	hour	7.50	64.0000	480.00	_____
DIESEL FUEL	gal	2.20	6.2209	13.69	_____
ELECTRICITY	kwh	0.15	1295.2000	194.28	_____
GASOLINE	gal	2.40	35.4894	85.17	_____
REPAIR & MAINTENANCE	acre	318.93	1.0000	318.93	_____
INTEREST ON OP. CAP.	acre	455.40	1.0000	455.40	_____

TOTAL DIRECT EXPENSES				16984.10	_____
TOTAL FIXED EXPENSES				551.03	_____

TOTAL SPECIFIED EXPENSES				17535.13	_____

Table 23C. Effects of yields and prices on net returns per acre above total direct expenses, Strawberries, drip irrigated, fresh market four-row equipment, high yield, Louisiana, 2006.

Yield (Flat)	-----Price Per Flat-----				
	6.00	7.50	9.00	10.50	12.00
-----Net Returns Per Acre-----					
1700.00	-4889.10	-2339.10	210.90	2760.90	5310.90
1950.00	-4336.60	-1411.60	1513.40	4438.40	7363.40
2200.00	-3784.10	-484.10	2815.90	6115.90	9415.90
2450.00	-3231.60	443.40	4118.40	7793.40	11468.40
2700.00	-2679.10	1370.90	5420.90	9470.90	13520.90

Table 24.A Estimated resource use and costs per acre for field operations, Tomatoes, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Feb	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Hipper 1R	3 ft	23	1.530	1.00	Feb	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											600.0000	0.11	67.80	67.80
Hipper 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Plastic layer	5 ft	23	1.500	1.00	Mar	4.84	2.37	2.16	4.51	4.650	34.88				48.75
Plastic	roll											5.0000	85.00	425.00	425.00
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	2.42	1.19	0.63	1.03	0.825	6.19				11.45
Trailer utility	10 ft	23	1.000	1.00	Mar	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Planting labor	hour											40.0000	7.50	300.00	300.00
Tomato plants	100											40.0000	7.60	304.00	304.00
Irrigation, furrow	acin			1.00	Mar			15.20	55.50	4.000	30.00	4.0000			100.70
Cultivator 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Trailer small	8 ft	23	1.000	1.00	Apr	3.23	1.58	0.24	0.86	1.100	8.25				14.15
Other labor	hour											36.0000	7.50	270.00	270.00
Twine	roll											2.0000	25.00	50.00	50.00
Stake replacement	100											8.0000	10.50	84.00	84.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Lannate	pt											1.0000	6.90	6.90	6.90
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Gramoxone	pt											1.5000	5.40	8.10	8.10
Surfactant	pt											0.3000	2.00	0.60	0.60
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.19	2.54	1.77	2.52	1.771	13.28				25.31
CaNO3, regular	lb											300.0000	0.35	105.00	105.00
Irrigation, furrow	acin			1.00	Apr			7.60	2.000	15.00		2.0000			22.60
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Bravo	pt											1.0000	6.35	6.35	6.35
Pounce	pt											0.5000	17.60	8.80	8.80
Buffer	pt											1.0000	2.00	2.00	2.00
Irrigation, furrow	acin			1.00	Apr			7.60	2.000	15.00		2.0000			22.60
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Bravo	pt											1.0000	6.35	6.35	6.35
Ambush	pt											0.5000	14.00	7.00	7.00
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	May	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Quadris	pt											0.3000	33.60	10.08	10.08
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	5.19	2.54	1.77	2.52	1.771	13.28				25.31
CaNO3, regular	lb											300.0000	0.35	105.00	105.00
Irrigation, furrow	acin			1.00	May			7.60	2.000	15.00		2.0000			22.60
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Bravo	pt											1.0000	6.35	6.35	6.35
Ambush	pt											0.5000	14.00	7.00	7.00
Buffer	pt											1.0000	2.00	2.00	2.00
Other labor	hour			1.00	May							23.0000	7.50	172.50	172.50
Twine	roll											2.0000	25.00	50.00	50.00
Sprayer, boom	12 ft	23	0.190	2.00	May	1.23	0.60	0.52	0.56	0.418	3.14				6.05
Pounce	pt											1.0000	17.60	17.60	17.60
Bravo	pt											4.0000	6.35	25.40	25.40
Buffer	pt											4.0000	2.00	8.00	8.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33% lb												100.0000	0.13	13.00	13.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Quadris	pt											0.3000	33.60	10.08	10.08
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Pounce	pt											0.5000	17.60	8.80	8.80
Buffer	pt											1.0000	2.00	2.00	2.00
Pickup truck	1/2 ton		1.000	9.30	Jun			90.68	83.39	9.300	69.75				243.82
Trailer small	8 ft	23	1.000	1.00	Jun	3.23	1.58	0.24	0.86	1.100	8.25				14.15
Harvest labor	hour											200.0000	7.50	1500.00	1500.00
Harvest container	each											8.0000	1.00	8.00	8.00
Other labor	hour											3.0000	7.50	22.50	22.50
Packing labor	hour											120.0000	7.50	900.00	900.00
Lug boxes	each											900.0000	1.11	999.00	999.00
Shredder 1R	5 ft	23	0.740	1.00	Jun	2.39	1.17	0.36	0.93	0.814	6.11				10.94
Coulter	1 row	23	1.500	1.00	Jun	4.84	2.37	0.64	0.94	1.650	12.38				21.16
Other labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	1/2 ton		1.000	1.00	Jun			9.75	8.97	1.000	7.50				26.22
Middle buster 1R	3 ft	23	1.530	1.00	Jun	4.94	2.42	0.34	0.48	1.683	12.62				20.79
Disk 2R	6 ft	43	0.570	1.00	Jun	3.34	1.76	0.70	1.00	0.627	4.70				11.51
TOTALS						86.92	42.95	159.45	180.49	51.394	385.46				6507.47
INTEREST ON OPERATING CAPITAL															90.31
TOTAL SPECIFIED COST															6597.78

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 24.B Summary of estimated costs per acre, Tomatoes, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	307.30	1.0000	307.30	_____
FUNGICIDES	acre	64.61	1.0000	64.61	_____
HERBICIDES	acre	8.70	1.0000	8.70	_____
HIRED LABOR	acre	877.50	1.0000	877.50	_____
INSECTICIDES	acre	74.10	1.0000	74.10	_____
PACK & HARVEST ITEMS	acre	1007.00	1.0000	1007.00	_____
STAKES & TWINE	acre	184.00	1.0000	184.00	_____
PLASTIC	acre	425.00	1.0000	425.00	_____
PLANTS	acre	304.00	1.0000	304.00	_____
HARVEST LABOR	acre	2400.00	1.0000	2400.00	_____
OPERATOR LABOR	hour	7.50	41.3940	310.46	_____
IRRIGATION LABOR	hour	7.50	10.0000	75.00	_____
DIESEL FUEL	gal	2.20	3.7791	8.31	_____
ELECTRICITY	kWh	0.15	60.0000	9.00	_____
GASOLINE	gal	2.40	52.6779	126.43	_____
REPAIR & MAINTENANCE	acre	102.63	1.0000	102.63	_____
INTEREST ON OP. CAP.	acre	90.31	1.0000	90.31	_____

TOTAL DIRECT EXPENSES				6374.34	_____
TOTAL FIXED EXPENSES				223.44	_____

TOTAL SPECIFIED EXPENSES				6597.78	_____

Table 24C. Effects of yields and prices on net returns per acre above total direct expenses, Tomatoes, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Boxes)	7.00	8.00	9.00	10.00	11.00
	-----Price Per Box-----				
	-----Net Returns Per Acre-----				
500.00	-1350.34	-850.34	-350.34	149.66	649.66
700.00	-712.34	-12.34	687.66	1387.66	2087.66
900.00	-74.34	825.66	1725.66	2625.66	3525.66
1100.00	563.66	1663.66	2763.66	3863.66	4963.66
1300.00	1201.66	2501.66	3801.66	5101.66	6401.66

Table 25.A Estimated resource use and costs per acre for field operations, Tomato, drip irrigated, fresh market, one-row equipment, trellis, plastic mulch, 60" skip rows, high yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Jan	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Hipper 1R	3 ft	23	1.530	1.00	Feb	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Feb	5.00	2.45	1.82	2.59	1.705	12.79				24.64
13-13-13	lb											700.0000	0.18	128.10	128.10
Conditioner, row 1R	6 ft	23	0.410	1.00	Feb	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Plastic layer	5 ft	23	1.500	1.00	Feb	4.84	2.37	2.16	4.51	4.650	34.88				48.75
Plastic	roll											3.0000	85.00	255.00	255.00
T-tape, drip irrig.	roll											2.0000	111.00	222.00	222.00
Hose, lay flat	roll											1.0000	90.00	90.00	90.00
Other labor	hour											10.0000	7.50	75.00	75.00
Methyl bromide	lbs											175.0000	3.00	525.00	525.00
Transplanter mod 900	1 row	23	3.000	1.00	Mar	9.68	4.74	3.17	8.26	9.300	69.75				95.60
Tomato plants	100											25.0000	7.60	190.00	190.00
Planting labor	hour											2.0000	7.50	15.00	15.00
Trailer, water	10 ft	43	1.000	1.00	Mar	5.87	3.09	0.63	2.57	1.100	8.25				20.41
Trailer utility	10 ft	23	1.000	1.00	Mar	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Irrigation, drip	acin			1.00	Mar			9.98	60.00	0.200	1.50	1.0000			71.49
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sencor	pt											1.0000	2.25	2.25	2.25
Irrigation, drip	acin			1.00	Apr			9.98		0.200	1.50	1.0000			11.49
Admire	pt											1.0000	94.00	94.00	94.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Stake replacement	100											12.0000	10.50	126.00	126.00
Other labor	hour											15.0000	7.50	112.50	112.50
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.23	0.60	0.52	0.56	0.418	3.14				6.05
Manzate	lb											4.0000	3.20	12.80	12.80
Kocide	lb											4.0000	3.00	12.00	12.00
Buffer	pt											2.0000	2.00	4.00	4.00
Irrigation, drip	acin			1.00	Apr			9.98		0.200	1.50	1.0000			11.49
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Trailer utility	10 ft	23	1.000	1.00	Apr	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Twine	roll											1.0000	25.00	25.00	25.00
Other labor	hour											10.0000	7.50	75.00	75.00
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.23	0.60	0.52	0.56	0.418	3.14				6.05
Bravo	pt											8.0000	6.35	50.80	50.80
Lannate	pt											6.0000	6.90	41.40	41.40
Buffer	pt											2.0000	2.00	4.00	4.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.5000	14.00	7.00	7.00
Bravo	pt											2.0000	6.35	12.70	12.70
Buffer	pt											1.0000	2.00	2.00	2.00
Irrigation, drip	acin			1.00	Apr			9.98		0.200	1.50	1.0000			11.49
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Gramoxone	pt											2.5000	5.40	13.50	13.50
Surfactant	pt											0.5000	2.00	1.00	1.00
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.23	0.60	0.52	0.56	0.418	3.14				6.05
Quadris	pt											0.6000	33.60	20.16	20.16
Trailer utility	10 ft	23	1.000	1.00	Apr	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	7.50	75.00	75.00
Irrigation, drip	acin			1.00	Apr			9.98		0.200	1.50	1.0000			11.49
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Bravo	pt											4.0000	6.35	25.40	25.40
Pounce	pt											0.5000	17.60	8.80	8.80
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	May	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	7.50	75.00	75.00
Irrigation, drip	acin			1.00	May			9.98		0.200	1.50	1.0000			11.49
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Admire	pt											1.0000	94.00	94.00	94.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Quadris	pt											0.3000	33.60	10.08	10.08
Sprayer, boom	12 ft	23	0.190	3.00	May	1.84	0.90	0.78	0.84	0.627	4.70				9.07
Bravo	pt											6.0000	6.35	38.10	38.10
Sevin	lbs											3.7500	5.43	20.36	20.36
Buffer	pt											3.7500	2.00	7.50	7.50
Irrigation, drip	acin			1.00	May			19.97		0.400	3.00	2.0000			22.97
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Irrigation, drip	acin			1.00	Jun			19.97		0.400	3.00	2.0000			22.97
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Trailer utility	10 ft	23	1.000	1.00	Jun	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Harvest labor	hour											160.0000	7.50	1200.00	1200.00
Harvest container	each											8.0000	1.00	8.00	8.00

Tomatoes continued

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Pack line/wet/small	acre			1.00	Jun			2.79	12.52			1.0000			15.31
Packing labor	hour											110.0000	7.50	825.00	825.00
Other labor	hour											8.0000	7.50	60.00	60.00
Lug boxes	each											2000.0000	1.11	2220.00	2220.00
Trailer utility	10 ft	23	1.000	1.00	Jul	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Other labor	hour											8.0000	7.50	60.00	60.00
Shredder 1R	5 ft	23	0.740	1.00	Jul	2.39	1.17	0.36	0.93	0.814	6.11				10.94
Coulter	1 row	23	1.500	1.00	Jul	4.84	2.37	0.64	0.94	1.650	12.38				21.16
Other labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	1/2 ton		1.000	1.00	Jul			9.75	8.97	1.000	7.50				26.22
Disk 2R	6 ft	43	0.570	2.00	Jul	6.69	3.52	1.40	2.00	1.254	9.40				23.02
TOTALS						83.42	41.57	130.43	117.21	37.487	281.15			7261.20	7914.99
INTEREST ON OPERATING CAPITAL															182.23
TOTAL SPECIFIED COST															8097.22

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 25.B Summary of estimated costs per acre, Tomato, drip irrigated, fresh market, one-row equipment, trellis, plastic mulch, 60" skip rows, high yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	302.10	1.0000	302.10	_____
FUNGICIDES	acre	182.04	1.0000	182.04	_____
HERBICIDES	acre	16.75	1.0000	16.75	_____
HIRED LABOR	acre	660.00	1.0000	660.00	_____
INSECTICIDES	acre	285.06	1.0000	285.06	_____
PACK & HARVEST ITEMS	acre	2228.00	1.0000	2228.00	_____
STAKES & TWINE	acre	251.00	1.0000	251.00	_____
PLASTIC	acre	567.00	1.0000	567.00	_____
FUMIGANT	acre	525.00	1.0000	525.00	_____
PLANTS	acre	190.00	1.0000	190.00	_____
CUSTOM	acre	29.25	1.0000	29.25	_____
HARVEST LABOR	acre	2025.00	1.0000	2025.00	_____
OPERATOR LABOR	hour	7.50	29.4870	221.15	_____
HAND LABOR	hour	7.50	6.0000	45.00	_____
IRRIGATION LABOR	hour	7.50	2.0000	15.00	_____
DIESEL FUEL	gal	2.20	7.2488	15.95	_____
ELECTRICITY	kwh	0.15	522.2500	78.34	_____
GASOLINE	gal	2.40	24.9757	59.94	_____
REPAIR & MAINTENANCE	acre	59.63	1.0000	59.63	_____
INTEREST ON OP. CAP.	acre	182.23	1.0000	182.23	_____
TOTAL DIRECT EXPENSES				7938.44	_____
TOTAL FIXED EXPENSES				158.78	_____
TOTAL SPECIFIED EXPENSES				8097.22	_____

Table 25C. Effects of yields and prices on net returns per acre above total direct expenses, Tomatoes, drip irrigated, fresh market, one-row equipment, trellis, 60" skip row, high yield, Louisiana, 2006.

Yield (Boxes)	-----Price Per 20 Lb. Box-----				
	6.00	7.50	9.00	10.50	12.00
-----Net Returns Per Acre-----					
1100.00	-156.66	1493.34	3143.34	4793.34	6443.34
1350.00	765.84	2790.84	4815.84	6840.84	8865.84
1600.00	1688.34	4088.34	6488.34	8888.34	11288.34
1850.00	2610.84	5385.84	8160.84	10935.84	13710.84
2100.00	3533.34	6683.34	9833.34	12983.34	16133.34

Table 26.A Estimated resource use and costs per acre for field operations, Watermelons, fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Feb	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Middle buster 1R	3 ft	23	1.530	1.00	Feb	4.94	2.42	0.34	0.48	1.683	12.62				20.79
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.00	2.45	1.82	2.59	1.705	12.79				24.64
10-20-20	lb											500.0000	0.12	57.50	57.50
Hipper 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Planter 1R	3 ft	23	1.500	1.00	Mar	4.84	2.37	0.35	0.56	1.650	12.38				20.50
Watermelon seed	lbs											1.0000	26.63	26.63	26.63
Other labor	hour											2.0000	7.50	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Curbit	pt											3.0000	4.76	14.28	14.28
Cultivator 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Other labor	hour			1.00	Apr							10.0000	7.50	75.00	75.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33%	lb											75.0000	0.13	9.75	9.75
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Thiodan	lb											0.5000	6.50	3.25	3.25
Quadris	pt											0.7000	33.60	23.52	23.52
Cultivator 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Thiodan	lb											0.5000	6.50	3.25	3.25
Quadris	pt											0.7000	33.60	23.52	23.52
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	May	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											0.6000	5.43	3.26	3.26
Bravo	pt											1.5000	6.35	9.52	9.52
Other labor	hour			1.00	Jun							10.0000	7.50	75.00	75.00
Trailer utility	10 ft	23	1.000	5.00	Jul	16.13	7.90	1.33	4.76	5.500	41.25				71.38
Harvest labor	hour			1.00	Jul							40.0000	7.50	300.00	300.00
Pickup truck	1/2 ton		1.000	5.00	Jul			48.75	44.83	5.000	37.50				131.08
Shredder 1R	5 ft	23	0.740	1.00	Jul	2.39	1.17	0.36	0.93	0.814	6.11				10.94
Disk 2R	6 ft	43	0.570	1.00	Jul	3.34	1.76	0.70	1.00	0.627	4.70				11.51
TOTALS						71.34	35.31	62.84	67.77	27.781	208.36			666.36	1111.98
INTEREST ON OPERATING CAPITAL															20.54
TOTAL SPECIFIED COST															1132.52

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 26.B Summary of estimated costs per acre, Watermelons, fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	83.75	1.0000	83.75	_____
FUNGICIDES	acre	56.57	1.0000	56.57	_____
HERBICIDES	acre	24.66	1.0000	24.66	_____
HIRED LABOR	acre	165.00	1.0000	165.00	_____
INSECTICIDES	acre	9.76	1.0000	9.76	_____
SEED	acre	26.63	1.0000	26.63	_____
HARVEST LABOR	acre	300.00	1.0000	300.00	_____
OPERATOR LABOR	hour	7.50	27.7810	208.36	_____
DIESEL FUEL	gal	2.20	3.7791	8.31	_____
GASOLINE	gal	2.40	33.9700	81.53	_____
REPAIR & MAINTENANCE	acre	44.33	1.0000	44.33	_____
INTEREST ON OP. CAP.	acre	20.54	1.0000	20.54	_____

TOTAL DIRECT EXPENSES				1029.44	_____
TOTAL FIXED EXPENSES				103.09	_____

TOTAL SPECIFIED EXPENSES				1132.52	_____

Table 26C. Effects of yields and prices on net returns per acre above total direct expenses, Watermelons, fresh market, one-row equipment, average yield, Louisiana, 2006.

Yield (Cwt)	-----Price Per Cwt-----				
	5.00	6.00	7.00	8.00	9.00
	-----Net Returns Per Acre-----				
120.00	-309.44	-189.44	-69.44	50.56	170.56
160.00	-169.44	-9.44	150.56	310.56	470.56
200.00	-29.44	170.56	370.56	570.56	770.56
240.00	110.56	350.56	590.56	830.56	1070.56
280.00	250.56	530.56	810.56	1090.56	1370.56

Table 27.A Estimated resource use and costs per acre for field operations, Beans (Butter), shelled fresh market, one-row equipment average yield, machine harvest, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jan	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk 2R	6 ft	43	0.570	2.00	Mar	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	1.90	0.93	0.83	1.18	0.649	4.87				9.72
Treflan	pt											1.2500	2.87	3.59	3.59
Dual	pt											1.5000	13.12	19.68	19.68
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											400.0000	0.11	45.20	45.20
Hipper 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Planter 1R	3 ft	23	1.500	1.00	Apr	4.84	2.37	0.35	0.56	1.650	12.38				20.50
Butter bean seed	lbs											60.0000	1.50	90.00	90.00
Cultivator 1R	3 ft	23	1.530	1.00	May	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Basagran	pt											1.0000	10.03	10.03	10.03
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Bravo	pt											1.5000	6.35	9.52	9.52
Orthene	lbs											0.5000	11.90	5.95	5.95
Cultivator 1R	3 ft	23	1.530	1.00	May	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											1.0000	5.43	5.43	5.43
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											1.0000	5.43	5.43	5.43
Harvester, bean 1R	3 ft	68	1.000	1.00	Jul	9.28	4.85	8.03	12.49	1.100	8.25				42.89
Harvest sacks	each											75.0000	0.75	56.25	56.25
Other labor	hour											1.0000	7.50	7.50	7.50
Trailer utility	10 ft	23	1.000	1.00	Jul	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Sheller, bean/pea	acre							5.51	7.55	6.500	48.75				61.81
Other labor	hour											15.0000	7.50	112.50	112.50
plastic bag, sealing	each											50.0000	0.10	5.00	5.00
Pickup truck	1/2 ton		1.000	5.00	Jul			48.75	44.83	5.000	37.50				131.08
Disk 2R	6 ft	43	0.570	2.00	Jul	6.69	3.52	1.40	2.00	1.254	9.40				23.02
TOTALS						61.40	30.99	74.53	82.29	27.802	208.52			414.86	872.58
INTEREST ON OPERATING CAPITAL															42.82
TOTAL SPECIFIED COST															915.40

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 27.B Summary of estimated costs per acre, Beans (Butter),
shelled fresh market, one-row equipment, average yield,
machine harvest, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	61.70	1.0000	61.70	_____
FUNGICIDES	acre	9.52	1.0000	9.52	_____
HERBICIDES	acre	43.68	1.0000	43.68	_____
HIRED LABOR	acre	120.00	1.0000	120.00	_____
INSECTICIDES	acre	28.71	1.0000	28.71	_____
PACK & HARVEST ITEMS	acre	61.25	1.0000	61.25	_____
SEED	acre	90.00	1.0000	90.00	_____
OPERATOR LABOR	hour	7.50	21.3020	159.77	_____
HAND LABOR	hour	7.50	6.5000	48.75	_____
DIESEL FUEL	gal	2.20	9.7985	21.56	_____
ELECTRICITY	kWh	0.15	12.7500	1.91	_____
GASOLINE	gal	2.40	24.8961	59.75	_____
REPAIR & MAINTENANCE	acre	52.70	1.0000	52.70	_____
INTEREST ON OP. CAP.	acre	42.82	1.0000	42.82	_____

TOTAL DIRECT EXPENSES				802.12	_____
TOTAL FIXED EXPENSES				113.28	_____

TOTAL SPECIFIED EXPENSES				915.40	_____

Table 27C. Effects of yields and prices on net returns per acre above
total direct expenses, Beans (Butter), fresh market, one-row
equipment, machine harvest, production parameters specified
by Extension Horticulture Specialist, Louisiana, 2006.

Yield (Bushels)	-----Price Per Bushel-----				
	16.00	18.00	20.00	22.00	24.00
	-----Net Returns Per Acre-----				
35.00	-225.72	-155.72	-85.72	-15.72	54.28
55.00	86.08	196.08	306.08	416.08	526.08
75.00	397.88	547.88	697.88	847.88	997.88
95.00	709.68	899.68	1089.68	1279.68	1469.68
115.00	1021.48	1251.48	1481.48	1711.48	1941.48

Table 28.A Estimated resource use and costs per acre for field operations, Beans (Snap), fresh market, one-row equipment, average yield, machine harvest, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50	
Disk 2R	6 ft	43	0.570	1.00	Feb	3.34	1.76	0.70	1.00	0.627	4.70				11.51	
Disk 2R	6 ft	43	0.570	2.00	Mar	6.69	3.52	1.40	2.00	1.254	9.40				23.02	
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Treflan	pt											1.2500	2.87	3.59	3.59	
Dual	pt											1.5000	13.12	19.68	19.68	
Disk 2R	6 ft	43	0.570	1.00	Mar	3.34	1.76	0.70	1.00	0.627	4.70				11.51	
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.00	2.45	1.82	2.59	1.705	12.79				24.64	
8-24-24	lb											400.0000	0.11	45.20	45.20	
Hipper 1R	3 ft	23	1.530	2.00	Mar	9.87	4.84	1.35	1.92	3.366	25.25				43.22	
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.32	0.65	0.27	0.38	0.451	3.38				6.01	
Planter 1R	3 ft	23	1.500	1.00	Mar	4.84	2.37	0.35	0.56	1.650	12.38				20.50	
Snap bean seeds	lbs											60.0000	1.50	90.00	90.00	
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Orthene	lbs											0.5000	11.90	5.95	5.95	
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Orthene	lbs											0.5000	11.90	5.95	5.95	
Bravo	pt											1.5000	6.35	9.52	9.52	
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Basagran	pt											1.0000	10.03	10.03	10.03	
Cultivator 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	1.35	1.92	1.683	12.62				23.24	
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Poast	pt											1.0000	8.38	8.38	8.38	
Crop oil	pt											2.0000	1.00	2.00	2.00	
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Diazinon	pt											0.5000	3.80	1.90	1.90	
Topsin M	lb											1.0000	16.60	16.60	16.60	
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Sevin	lbs											1.0000	5.43	5.43	5.43	
Topsin M	lb											1.0000	16.60	16.60	16.60	
Harvester, bean 1R	3 ft	68	1.000	1.00	Jun	9.28	4.85	8.03	12.49	1.100	8.25				42.89	
Packing sacks	each											50.0000	0.75	37.50	37.50	
Trailer utility	10 ft	23	1.000	1.00	Jun	3.23	1.58	0.27	0.95	1.100	8.25				14.28	
Packing line, dry	acre			1.00	Jun			1.57	8.76			1.0000			10.33	
Packing labor	hour											15.0000	7.50	112.50	112.50	
Bushel hampers	each			1.00	Jun							125.0000	2.25	281.25	281.25	
Pickup truck	1/2 ton		1.000	5.00	Jun			48.75	44.83	5.000	37.50				131.08	
Fork lift			1.000	1.00	Jun			5.03	4.58	1.000	7.50				17.11	
Disk 2R	6 ft	43	0.570	1.00	Jun	3.34	1.76	0.70	1.00	0.627	4.70				11.51	
TOTALS						59.49	30.06	74.11	85.94	21.653	162.40			688.58	1100.59	
INTEREST ON OPERATING CAPITAL															15.42	
TOTAL SPECIFIED COST																1116.01

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 28.B Summary of estimated costs per acre, Beans (Snap), fresh market, one-row equipment, average yield, machine harvest, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	61.70	1.0000	61.70	_____
FUNGICIDES	acre	42.73	1.0000	42.73	_____
HERBICIDES	acre	43.68	1.0000	43.68	_____
INSECTICIDES	acre	19.23	1.0000	19.23	_____
PACK & HARVEST ITEMS	acre	318.75	1.0000	318.75	_____
SEED	acre	90.00	1.0000	90.00	_____
HARVEST LABOR	acre	112.50	1.0000	112.50	_____
OPERATOR LABOR	hour	7.50	21.6530	162.40	_____
DIESEL FUEL	gal	2.20	9.7985	21.56	_____
ELECTRICITY	kWh	0.15	1.1500	0.17	_____
GASOLINE	gal	2.40	25.7294	61.75	_____
REPAIR & MAINTENANCE	acre	50.13	1.0000	50.13	_____
INTEREST ON OP. CAP.	acre	15.42	1.0000	15.42	_____

TOTAL DIRECT EXPENSES				1000.01	_____
TOTAL FIXED EXPENSES				116.00	_____

TOTAL SPECIFIED EXPENSES				1116.01	_____

Table 28C. Effects of yields and prices on net returns per acre above total direct expenses, Beans (Snap), fresh market, one-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 2006.

Yield (Bushels)	-----Price Per Bushel-----				
	8.00	10.00	12.00	14.00	16.00
	-----Net Returns Per Acre-----				
60.00	-485.53	-365.53	-245.53	-125.53	-5.53
80.00	-342.77	-182.77	-22.77	137.23	297.23
100.00	-200.01	-0.01	199.99	399.99	599.99
120.00	-57.25	182.75	422.75	662.75	902.75
140.00	85.51	365.51	645.51	925.51	1205.51

Table 29.A Estimated resource use and costs per acre for field operations, Cabbage, hybrid, double drilled seedbed, irrigated, fresh market, six-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----						dollars		-----dollars-----	
Disk 6R	20 ft	143	0.100	2.00	Jul	4.09	2.61	1.54	2.19	0.220	1.65				12.07
Disk & herb appl 6R	20 ft	143	0.100	1.00	Aug	2.04	1.30	0.82	1.17	0.110	0.83				6.16
Treflan	pt											1.0000	2.87	2.87	2.87
Fertilizer buggy	30 ft	93	0.060	1.00	Aug	0.20	0.58		0.33	0.066	0.50	700.0000	0.12	84.00	1.60
7-21-21	lb														8.89
Hipper 6R	20 ft	143	0.090	2.00	Aug	3.68	2.34	0.57	0.81	0.198	1.49				20.99
Planter, precision2R	4 unit	68	0.600	1.00	Aug	5.57	2.91	3.06	4.51	0.660	4.95				20.99
Cabbage seed	lbs											0.7500	272.00	204.00	204.00
Irrig. Sys. 2 pipe	acin			1.00	Aug			7.38	27.70	0.740	5.55	2.0000			40.63
Other labor	hour			1.00	Aug							4.0000	7.50	30.00	30.00
Fertilizer applicatr	20 ft	93	0.090	1.00	Sep	0.31	0.86	0.24	0.34	0.099	0.74				2.49
Ammonium Nitrate 33% lb												150.0000	0.13	19.50	19.50
Cultivator 6R	20 ft	143	0.100	1.00	Sep	2.04	1.30	0.29	0.41	0.110	0.83				4.87
Irrig. Sys. 2 pipe	acin			1.00	Sep			7.38	0.740	0.740	5.55	2.0000			12.93
Sprayer, boom	20 ft	93	0.120	1.00	Sep	1.67	1.15	0.26	0.28	0.132	0.99				4.36
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Fertilizer applicatr	20 ft	93	0.090	1.00	Sep	0.31	0.86	0.24	0.34	0.099	0.74				2.49
Ammonium Nitrate 33% lb												150.0000	0.13	19.50	19.50
Cultivator 6R	20 ft	143	0.100	1.00	Sep	2.04	1.30	0.29	0.41	0.110	0.83				4.87
Irrig. Sys. 2 pipe	acin			1.00	Sep			7.38	0.740	0.740	5.55	2.0000			12.93
Sprayer, boom	20 ft	93	0.120	1.00	Sep	1.67	1.15	0.26	0.28	0.132	0.99				4.36
Confirm	lb											0.5000	24.00	12.00	12.00
Dipel	pt											1.0000	4.47	4.47	4.47
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	20 ft	93	0.120	1.00	Oct	1.67	1.15	0.26	0.28	0.132	0.99				4.36
Confirm	lb											0.5000	24.00	12.00	12.00
Dipel	pt											1.0000	4.47	4.47	4.47
Penncap M	pt											1.0000	3.46	3.46	3.46
Buffer	pt											1.0000	2.00	2.00	2.00
Fertilizer applicatr	20 ft	93	0.090	1.00	Oct	0.31	0.86	0.24	0.34	0.099	0.74				2.49
Ammonium Nitrate 33% lb												150.0000	0.13	19.50	19.50
Cultivator 6R	20 ft	143	0.100	1.00	Oct	2.04	1.30	0.29	0.41	0.110	0.83				4.87
Irrig. Sys. 2 pipe	acin			1.00	Oct			7.38	0.740	0.740	5.55	2.0000			12.93
Sprayer, boom	20 ft	93	0.120	2.00	Oct	3.35	2.31	0.53	0.57	0.264	1.98				8.73
Confirm	lb											1.0000	24.00	24.00	24.00
Dipel	pt											2.0000	4.47	8.94	8.94
Bravo	pt											1.5000	6.35	9.52	9.52
Buffer	pt											2.0000	2.00	4.00	4.00
Irrig. Sys. 2 pipe	acin			1.00	Oct			7.38		0.740	5.55	2.0000			12.93
Sprayer, boom	20 ft	93	0.120	1.00	Nov	1.67	1.15	0.26	0.28	0.132	0.99				4.36
Confirm	lb											0.5000	24.00	12.00	12.00
Dipel	pt											1.0000	4.47	4.47	4.47
Bravo	pt											0.7500	6.35	4.76	4.76
Buffer	pt											1.0000	2.00	2.00	2.00
Irrig. Sys. 2 pipe	acin			1.00	Nov			7.38		0.740	5.55	2.0000			12.93
Sprayer boom	20 ft	93	0.120	1.00	Nov	1.67	1.15	0.26	0.28	0.132	0.99				4.36
Ambush	pt											0.2500	14.00	3.50	3.50
Dipel	pt											1.0000	4.47	4.47	4.47
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Nov	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Harvest labor	hour											12.0000	7.50	90.00	90.00
Packing sacks	each											700.0000	0.75	525.00	525.00
Packing labor	hour											8.0000	7.50	60.00	60.00
Trailer utility	10 ft	23	1.000	2.00	Dec	6.45	3.16	0.53	1.90	2.200	16.50				28.55
Harvest labor	hour			1.00	Dec							36.0000	7.50	270.00	270.00
Packing labor	hour											15.0000	7.50	112.50	112.50
Disk 6R	20 ft	143	0.100	1.00	Dec	2.04	1.30	0.77	1.10	0.110	0.83				6.04
TOTALS						46.06	30.36	55.29	44.89	10.655	79.91				
INTEREST ON OPERATING CAPITAL														1567.32	1823.83
TOTAL SPECIFIED COST															34.00
															1857.83

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 29.B Summary of estimated costs per acre, Cabbage, hybrid, double drilled seedbed, irrigated, fresh market, six-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	142.50	1.0000	142.50	_____
FUNGICIDES	acre	14.29	1.0000	14.29	_____
HERBICIDES	acre	13.25	1.0000	13.25	_____
HIRED LABOR	acre	30.00	1.0000	30.00	_____
INSECTICIDES	acre	105.78	1.0000	105.78	_____
PACK & HARVEST ITEMS	acre	525.00	1.0000	525.00	_____
SEED	acre	204.00	1.0000	204.00	_____
HARVEST LABOR	acre	532.50	1.0000	532.50	_____
OPERATOR LABOR	hour	7.50	6.2150	46.61	_____
IRRIGATION LABOR	hour	7.50	4.4400	33.30	_____
DIESEL FUEL	gal	2.20	29.5204	64.94	_____
GASOLINE	gal	2.40	3.3900	8.14	_____
REPAIR & MAINTENANCE	acre	28.27	1.0000	28.27	_____
INTEREST ON OP. CAP.	acre	34.00	1.0000	34.00	_____

TOTAL DIRECT EXPENSES				1782.58	_____
TOTAL FIXED EXPENSES				75.24	_____

TOTAL SPECIFIED EXPENSES				1857.83	_____

Table 29C. Effects of yields and prices on net returns per acre above total direct expenses, Cabbage, hybrid, direct seeded, fresh market, double drilled, irrigated, six-row equipment, production parameters specified by Extension Horticulture Specialist, Louisiana, 2006.

Yield (Sacks)	-----Price Per Sack-----				
	2.25	3.00	3.75	4.50	5.25
	-----Net Returns Per Acre-----				
400.00	-275.08	24.92	324.92	624.92	924.92
550.00	-241.33	171.17	583.67	996.17	1408.67
700.00	-207.58	317.42	842.42	1367.42	1892.42
850.00	-173.83	463.67	1101.17	1738.67	2376.17
1000.00	-140.08	609.92	1359.92	2109.92	2859.92

Table 30.A Estimated resource use and costs per acre for field operations, Cucumber, hybrid, trellis, skip row, fresh market, one-row equipment, irrigated, average yield, Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----						dollars		-----dollars-----	
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	3.00	Feb	10.03	5.28	2.11	3.00	1.881	14.11				34.53
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Feb	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											600.0000	0.11	67.80	67.80
Hipper 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Planter 1R	3 ft	23	1.500	1.00	Mar	4.84	2.37	0.35	0.56	1.650	12.38				20.50
Cucumber seed	lbs											1.0000	93.16	93.16	93.16
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Curbit	pt											3.5000	4.76	16.66	16.66
Irrig. Sys. 2 pipe	acin			1.00	Mar			7.38	27.70	0.740	5.55	2.0000			40.63
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33%	lb											150.0000	0.13	19.50	19.50
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.23	0.60	0.52	0.56	0.418	3.14				6.05
Ambush	pt											1.0000	14.00	14.00	14.00
Buffer	pt											2.0000	2.00	4.00	4.00
Topsin M	lb											1.0000	16.60	16.60	16.60
Trailer utility	10 ft	23	1.000	1.00	Apr	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Stake replacement	100											10.0000	10.50	105.00	105.00
Twine, poly	roll											3.0000	4.50	13.50	13.50
Other labor	hour											30.0000	7.50	225.00	225.00
Plant tie machine	hour			1.00	Apr				1.00			10.0000			1.00
Tape	roll											3.0000	0.80	2.40	2.40
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.5000	14.00	7.00	7.00
Bravo	pt											1.5000	6.35	9.52	9.52
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Twine, poly	roll			1.00	Apr							3.0000	4.50	13.50	13.50
Other labor	hour											10.0000	7.50	75.00	75.00
Plant tie machine	hour			1.00	Apr				1.40			14.0000			1.40
Other labor	hour											14.0000	7.50	105.00	105.00
Tape	roll											5.0000	0.80	4.00	4.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.5000	14.00	7.00	7.00
Bravo	pt											1.5000	6.35	9.52	9.52
Topsin M	lb											0.5000	16.60	8.30	8.30
Buffer	pt											1.0000	2.00	2.00	2.00
Twine, poly	roll			1.00	Apr							3.0000	4.50	13.50	13.50
Other labor	hour											10.0000	7.50	75.00	75.00
Plant tie machine	hour			1.00	Apr				1.00			10.0000			1.00
Other labor	hour											10.0000	7.50	75.00	75.00
Tape	roll											3.0000	0.80	2.40	2.40
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Quadris	pt											0.7000	33.60	23.52	23.52
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Twine, poly	roll			1.00	May							10.0000	4.50	45.00	45.00
Other labor	hour											3.0000	7.50	22.50	22.50
Plant tie machine	hour			1.00	May				0.60			6.0000			0.60
Other labor	hour											6.0000	7.50	45.00	45.00
Tape	roll											2.0000	0.80	1.60	1.60
Irrig. Sys. 2 pipe	acin			1.00	May			7.38		0.740	5.55	2.0000			12.93
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											0.6000	5.43	3.26	3.26
Bravo	pt											1.5000	6.35	9.52	9.52
Topsin M	lb											0.5000	16.60	8.30	8.30
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Quadris	pt											0.7000	33.60	23.52	23.52
Irrig. Sys. 2 pipe	acin			1.00	May			7.38		0.740	5.55	2.0000			12.93
Sprayer, boom	12 ft	23	0.190	2.00	Jun	1.23	0.60	0.52	0.56	0.418	3.14				6.05
Sevin	lbs											1.2000	5.43	6.52	6.52
Bravo	pt											3.0000	6.35	19.05	19.05
Topsin M	lb											1.0000	16.60	16.60	16.60
Buffer	pt											2.0000	2.00	4.00	4.00
Irrig. Sys. 2 pipe	acin			1.00	Jun			7.38		0.740	5.55	2.0000			12.93
Trailer utility	10 ft	23	1.000	1.00	Jun	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Harvest labor	hour											65.0000	7.50	487.50	487.50
Packing boxes	each											250.0000	1.25	312.50	312.50
Harvest container	each											8.0000	1.00	8.00	8.00
Pack line/wet/small	acre			1.00	Jun			2.79	12.52			1.0000			15.31
Packing labor	hour											15.0000	7.50	112.50	112.50
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											0.6000	5.43	3.26	3.26
Bravo	pt											1.5000	6.35	9.52	9.52
Topsin M	lb											0.5000	16.60	8.30	8.30
Irrig. Sys. 2 pipe	acin			1.00	Jul			7.38		0.740	5.55	2.0000			12.93
Trailer utility	10 ft	23	1.000	1.00	Jul	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Harvest labor	hour											65.0000	7.50	487.50	487.50
Packing boxes	each											190.0000	1.25	237.50	237.50
Pack line/wet/small	acre			1.00	Jul			2.79				1.0000			2.79
Packing labor	hour											15.0000	7.50	112.50	112.50
Trailer utility	10 ft	23	1.000	1.00	Jul	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Other labor	hour											15.0000	7.50	112.50	112.50
Disk 2R	6 ft	43	0.570	2.00	Jul	6.69	3.52	1.40	2.00	1.254	9.40				23.02
TOTALS						61.89	30.93	56.16	64.93	22.235	166.76				3515.91
INTEREST ON OPERATING CAPITAL															66.19
TOTAL SPECIFIED COST															3582.10

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 30.B Summary of estimated costs per acre, Cucumber, hybrid, trellis, skip row, fresh market, one-row equipment, irrigated, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	103.80	1.0000	103.80	_____
FUNGICIDES	acre	162.29	1.0000	162.29	_____
HERBICIDES	acre	27.04	1.0000	27.04	_____
HIRED LABOR	acre	735.00	1.0000	735.00	_____
INSECTICIDES	acre	55.03	1.0000	55.03	_____
PACK & HARVEST ITEMS	acre	558.00	1.0000	558.00	_____
SEED	acre	93.16	1.0000	93.16	_____
STAKES & TWINE	acre	190.50	1.0000	190.50	_____
CUSTOM	acre	10.40	1.0000	10.40	_____
HARVEST LABOR	acre	1200.00	1.0000	1200.00	_____
OPERATOR LABOR	hour	7.50	18.5350	139.01	_____
IRRIGATION LABOR	hour	7.50	3.7000	27.75	_____
DIESEL FUEL	gal	2.20	20.3985	44.88	_____
ELECTRICITY	kWh	0.15	10.5000	1.58	_____
GASOLINE	gal	2.40	15.8200	37.97	_____
REPAIR & MAINTENANCE	acre	33.64	1.0000	33.64	_____
INTEREST ON OP. CAP.	acre	66.19	1.0000	66.19	_____

TOTAL DIRECT EXPENSES				3486.23	_____
TOTAL FIXED EXPENSES				95.87	_____

TOTAL SPECIFIED EXPENSES				3582.10	_____

Table 30C. Effects of yields and prices on net returns per acre above total direct expenses, Cucumber, trellis, hybrid, skip row, fresh market, one-row equipment, irrigated, production parameters specified by Extension Horticulture Specialist, Louisiana, 2006.

Yield (Bushels)	-----Price Per Bushel-----				
	6.00	7.50	9.00	10.50	12.00
	-----Net Returns Per Acre-----				
300.00	-1156.23	-706.23	-256.23	193.77	643.77
400.00	-821.23	-221.23	378.77	978.77	1578.77
500.00	-486.23	263.77	1013.77	1763.77	2513.77
600.00	-151.23	748.77	1648.77	2548.77	3448.77
700.00	183.77	1233.77	2283.77	3333.77	4383.77

Table 31.A Estimated resource use and costs per acre for field operations, Eggplant, bare soil, trellis, one-row equipment, 60" skip rows, 2500 plants/acre, fresh market, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----						dollars		-----dollars-----	
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jan	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk 2R	6 ft	43	0.570	2.00	Feb	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Hipper 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.00	2.45	1.82	2.59	1.705	12.79				24.64
13-13-13	lb											700.0000	0.18	128.10	128.10
Disk & herb appl 6R	20 ft	143	0.100	1.00	Mar	2.04	1.30	0.82	1.17	0.110	0.83				6.16
Devrinol	lb											3.0000	8.39	25.17	25.17
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	2.42	1.19	0.63	1.03	0.825	6.19				11.45
Trailer utility	10 ft	23	1.000	1.00	Mar	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Eggplant plants	100											25.0000	5.00	125.00	125.00
Planting labor	hour											30.0000	7.50	225.00	225.00
Trailer, water	10 ft	43	1.000	1.00	Mar	5.87	3.09	0.63	2.57	1.100	8.25				20.41
Cultivator 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Cultivator 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Trailer utility	10 ft	23	1.000	1.00	Apr	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Stake replacement	100											12.0000	10.50	126.00	126.00
Other labor	hour											15.0000	7.50	112.50	112.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Malathion	pt											1.0000	3.21	3.21	3.21
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33% lb	lb											150.0000	0.13	19.50	19.50
Trailer utility	10 ft	23	1.000	1.00	Apr	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Twine	roll											1.0000	25.00	25.00	25.00
Other labor	hour											10.0000	7.50	75.00	75.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.8000	14.00	11.20	11.20
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	7.50	75.00	75.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33% lb	lb											75.0000	0.13	9.75	9.75
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Vendex	lb											3.0000	23.00	69.00	69.00
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Jun	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Harvest labor	hour											44.0000	7.50	330.00	330.00
Harvest container	each											8.0000	1.00	8.00	8.00
Packing labor	hour											22.0000	7.50	165.00	165.00
Other labor	hour											1.5000	7.50	11.25	11.25
Packing boxes	each											225.0000	1.25	281.25	281.25
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33% lb	lb											75.0000	0.13	9.75	9.75
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Pravado	pt											0.2300	58.40	13.43	13.43
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Pravado	pt											0.2300	58.40	13.43	13.43
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Jul	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Harvest labor	hour											44.0000	7.50	330.00	330.00
Packing labor	hour											20.0000	7.50	150.00	150.00
Other labor	hour											1.5000	7.50	11.25	11.25
Packing boxes	each											225.0000	1.25	281.25	281.25
Trailer utility	10 ft	23	1.000	1.00	Aug	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Other labor	hour											8.0000	7.50	60.00	60.00
Pickup truck	1/2 ton		1.000	1.00	Aug			9.75	8.97	1.000	7.50				26.22
Shredder 1R	5 ft	23	0.740	1.00	Aug	2.39	1.17	0.36	0.93	0.814	6.11				10.94
Disk 2R	6 ft	43	0.570	2.00	Aug	6.69	3.52	1.40	2.00	1.254	9.40				23.02
TOTALS						92.42	46.40	29.90	43.33	28.456	213.42				
INTEREST ON OPERATING CAPITAL														2780.92	3206.40
TOTAL SPECIFIED COST															86.58
															3292.98

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 31.B Summary of estimated costs per acre, Eggplant, bare soil, trellis, one-row equipment, 60" skip rows, 2500 plants/acre, fresh market, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	183.60	1.0000	183.60	_____
HERBICIDES	acre	35.55	1.0000	35.55	_____
HIRED LABOR	acre	570.00	1.0000	570.00	_____
INSECTICIDES	acre	120.27	1.0000	120.27	_____
PACK & HARVEST ITEMS	acre	570.50	1.0000	570.50	_____
STAKES & TWINE	acre	201.00	1.0000	201.00	_____
PLANTS	acre	125.00	1.0000	125.00	_____
HARVEST LABOR	acre	975.00	1.0000	975.00	_____
OPERATOR LABOR	hour	7.50	28.4560	213.42	_____
DIESEL FUEL	gal	2.20	9.2445	20.34	_____
GASOLINE	gal	2.40	26.2413	62.98	_____
REPAIR & MAINTENANCE	acre	39.00	1.0000	39.00	_____
INTEREST ON OP. CAP.	acre	86.58	1.0000	86.58	_____

TOTAL DIRECT EXPENSES				3203.24	_____
TOTAL FIXED EXPENSES				89.73	_____

TOTAL SPECIFIED EXPENSES				3292.98	_____

Table 31C. Effects of yields and prices on net returns per acre above total direct expenses, Eggplant, bare soil, trellis, one-row equipment, 60" skip rows, fresh market, production parameters specified by Extension Horticulture Specialist, Louisiana, 2006.

Yield (Bushels)	-----Price Per Bushel-----				
	7.00	8.00	9.00	10.00	11.00
	-----Net Returns Per Acre-----				
300.00	-582.74	-282.74	17.26	317.26	617.26
375.00	-317.99	57.01	432.01	807.01	1182.01
450.00	-53.24	396.76	846.76	1296.76	1746.76
525.00	211.51	736.51	1261.51	1786.51	2311.51
600.00	476.26	1076.26	1676.26	2276.26	2876.26

Table 32.A Estimated resource use and costs per acre for field operations, Eggplant, plastic mulch, drip irrigation, trellis, fresh market, one-row equipment, 60" skip rows, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 2R	6 ft	43	0.570	1.00	Jan	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Lime (spread)	6 cwt											6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Feb	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Hipper 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.00	2.45	1.82	2.59	1.705	12.79				24.64
13-13-13	lb											700.0000	0.18	128.10	128.10
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Plastic layer	5 ft	23	1.500	1.00	Mar	4.84	2.37	2.16	4.51	4.650	34.88				48.75
Plastic	roll											3.0000	85.00	255.00	255.00
T-tape, drip irrig.	roll											2.0000	111.00	222.00	222.00
Hose, lay flat	roll											1.0000	90.00	90.00	90.00
Other labor	hour											10.0000	7.50	75.00	75.00
Transplanter mod 900	1 row	23	3.000	1.00	Mar	9.68	4.74	3.17	8.26	9.300	69.75				95.60
Eggplant plants	100											25.0000	5.00	125.00	125.00
Planting labor	hour											2.0000	7.50	15.00	15.00
Trailer, water	10 ft	43	1.000	1.00	Mar	5.87	3.09	0.63	2.57	1.100	8.25				20.41
Trailer utility	10 ft	23	1.000	1.00	Mar	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Irrigation, drip	acin			1.00	Mar			9.98	60.00	0.200	1.50	1.0000			71.49
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Trailer utility	10 ft	23	1.000	1.00	Apr	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Stake replacement	100											12.0000	10.50	126.00	126.00
Other labor	hour											15.0000	7.50	112.50	112.50
Irrigation, drip	acin			1.00	Apr			9.98		0.200	1.50	1.0000			11.49
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Admire	pt	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57	1.0000	94.00	94.00	94.00
Sprayer, boom	12 ft	23										1.0000	3.21	3.21	3.02
Malathion	pt											1.0000	2.00	2.00	3.21
Buffer	pt														2.00
Trailer utility	10 ft	23	1.000	2.00	Apr	6.45	3.16	0.53	1.90	2.200	16.50				28.55
Twine	roll											3.0000	25.00	75.00	75.00
Other labor	hour											20.0000	7.50	150.00	150.00
Irrigation, drip	acin			1.00	Apr			9.98		0.200	1.50	1.0000			11.49
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57	2.5000	5.40	13.50	13.50
Gramoxone	pt											0.5000	2.00	1.00	1.00
Surfactant	pt														6.05
Sprayer, boom	12 ft	23	0.190	2.00	May	1.23	0.60	0.52	0.56	0.418	3.14	1.6000	14.00	22.40	22.40
Ambush	pt											2.0000	2.00	4.00	4.00
Buffer	pt											2.0000			22.97
Irrigation, drip	acin			1.00	May			19.97		0.400	3.00	2.0000	3.25	6.50	6.50
Water (from hydrant)	acin											50.0000	0.45	22.50	22.50
CAN03, water sol.	lb											1.0000			11.49
Irrigation, drip	acin			1.00	May			9.98		0.200	1.50	1.0000	3.25	3.25	3.25
Water (from hydrant)	acin											50.0000	0.45	22.50	22.50
CAN03, water sol.	lb														6.05
Sprayer, boom	12 ft	23	0.190	2.00	May	1.23	0.60	0.52	0.56	0.418	3.14	0.4600	58.40	26.86	26.86
Pravado	pt											2.0000	25.00	50.00	50.00
Trailer utility	10 ft	23	1.000	1.00	Jun	3.23	1.58	0.27	0.95	1.100	8.25	10.0000	7.50	75.00	75.00
Twine	roll											2.0000			22.97
Other labor	hour											2.0000	3.25	6.50	6.50
Irrigation, drip	acin			1.00	Jun			19.97		0.400	3.00	2.0000			22.97
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Trailer utility	10 ft	23	1.000	1.00	Jun	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Harvest labor	hour											50.0000	7.50	375.00	375.00
Packing labor	hour											22.0000	7.50	165.00	165.00
Packing boxes	each											300.0000	1.25	375.00	375.00
Sprayer, boom	12 ft	23	0.190	2.00	Jun	1.23	0.60	0.52	0.56	0.418	3.14				6.05
Pravado	pt											0.4600	58.40	26.86	26.86
Irrigation, drip	acin			1.00	Jun			9.98		0.200	1.50	1.0000			11.49
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.61	0.30	0.26	0.28	0.209	1.57	3.0000	23.00	69.00	69.00
Vendex	lb											2.0000			22.97
Irrigation, drip	acin			1.00	Jul			19.97		0.400	3.00	2.0000	3.25	6.50	6.50
Water (from hydrant)	acin											2.0000			14.28
CAN03, water sol.	lb											50.0000	7.50	375.00	375.00
Trailer utility	10 ft	23	1.000	1.00	Jul	3.23	1.58	0.27	0.95	1.100	8.25	20.0000	7.50	150.00	150.00
Harvest labor	hour											300.0000	1.25	375.00	375.00
Packing labor	hour														3.02
Packing boxes	each											2.5000	7.50	18.75	18.75
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.61	0.30	0.26	0.28	0.209	1.57				10.94
Other labor	hour														14.28
Shredder 1R	5 ft	23	0.740	1.00	Aug	2.39	1.17	0.36	0.93	0.814	6.11	8.0000	7.50	60.00	60.00
Trailer utility	10 ft	23	1.000	1.00	Aug	3.23	1.58	0.27	0.95	1.100	8.25				21.16
Other labor	hour											15.0000	7.50	112.50	112.50
Coulter	1 row	23	1.500	1.00	Sep	4.84	2.37	0.64	0.94	1.650	12.38				26.22
Other labor	hour														26.22
Pickup truck	1/2 ton		1.000	1.00	Sep			9.75	8.97	1.000	7.50				23.02
Disk 2R	6 ft	43	0.570	2.00	Sep	6.69	3.52	1.40	2.00	1.254	9.40				
TOTALS						87.54	43.71	137.56	105.52	38.578	289.33				4641.10
INTEREST ON OPERATING CAPITAL															160.60
TOTAL SPECIFIED COST															4801.70

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 32.B Summary of estimated costs per acre, Eggplant, plastic mulch, drip irrigation, trellis, fresh market, one-row equipment, 60" skip rows, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	302.10	1.0000	302.10	_____
HERBICIDES	acre	14.50	1.0000	14.50	_____
HIRED LABOR	acre	618.75	1.0000	618.75	_____
INSECTICIDES	acre	248.34	1.0000	248.34	_____
PACK & HARVEST ITEMS	acre	750.00	1.0000	750.00	_____
STAKES & TWINE	acre	251.00	1.0000	251.00	_____
PLASTIC	acre	567.00	1.0000	567.00	_____
PLANTS	acre	125.00	1.0000	125.00	_____
CUSTOM	acre	35.75	1.0000	35.75	_____
HARVEST LABOR	acre	1065.00	1.0000	1065.00	_____
OPERATOR LABOR	hour	7.50	30.3780	227.84	_____
HAND LABOR	hour	7.50	6.0000	45.00	_____
IRRIGATION LABOR	hour	7.50	2.2000	16.50	_____
DIESEL FUEL	gal	2.20	8.5085	18.72	_____
ELECTRICITY	kWh	0.15	568.7000	85.31	_____
GASOLINE	gal	2.40	25.2469	60.59	_____
REPAIR & MAINTENANCE	acre	60.48	1.0000	60.48	_____
INTEREST ON OP. CAP.	acre	160.60	1.0000	160.60	_____

TOTAL DIRECT EXPENSES				4652.47	_____
TOTAL FIXED EXPENSES				149.23	_____

TOTAL SPECIFIED EXPENSES				4801.70	_____

Table 32C. Effects of yields and prices on net returns per acre above total direct expenses, Eggplant, plastic mulch, irrigation, high yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 2006.

Yield (Bushels)	-----Price Per Bushel-----				
	7.00	8.00	9.00	10.00	11.00
	-----Net Returns Per Acre-----				
400.00	-1152.47	-752.47	-352.47	47.53	447.53
500.00	-802.47	-302.47	197.53	697.53	1197.53
600.00	-452.47	147.53	747.53	1347.53	1947.53
700.00	-102.47	597.53	1297.53	1997.53	2697.53
800.00	247.53	1047.53	1847.53	2647.53	3447.53

Table 33.A Estimated resource use and costs per acre for field operations, Peas (Southern), fresh market, one-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Feb	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Disk 2R	6 ft	43	0.570	1.00	Mar	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											300.0000	0.11	33.90	33.90
Hipper 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Planter 1R	3 ft	23	1.500	1.00	Apr	4.84	2.37	0.35	0.56	1.650	12.38				20.50
Southern pea seed	lbs											45.0000	1.81	81.45	81.45
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Dual	pt											1.5000	13.12	19.68	19.68
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Thiodan	lb											1.0000	6.50	6.50	6.50
Cultivator 1R	3 ft	23	1.530	1.00	May	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Pursuit	oz											2.0000	11.49	22.98	22.98
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											1.2500	5.43	6.79	6.79
Cultivator 1R	3 ft	23	1.530	1.00	Jun	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Thiodan	lb											1.0000	6.50	6.50	6.50
Harvester, bean 1R	3 ft	68	1.000	1.00	Jul	9.28	4.85	8.03	12.49	1.100	8.25				42.89
Packing sacks	each											25.0000	0.75	18.75	18.75
Trailer utility	10 ft	23	1.000	1.00	Jul	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Sheller, bean/pea	acre			1.00	Jul			5.51	7.55	6.500	48.75	1.0000			61.81
Packing labor	hour											12.0000	7.50	90.00	90.00
plastic bag, sealing each												75.0000	0.10	7.50	7.50
Pickup truck	1/2 ton		1.000	3.00	Jul			29.25	26.90	3.000	22.50				78.65
Disk 2R	6 ft	43	0.570	1.00	Jul	3.34	1.76	0.70	1.00	0.627	4.70				11.51
TOTALS						54.92	27.70	52.97	61.62	24.108	180.81			310.55	688.56
INTEREST ON OPERATING CAPITAL															31.79
TOTAL SPECIFIED COST															720.35

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 33.B Summary of estimated costs per acre, Peas (southern), fresh market, one-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	50.40	1.0000	50.40	_____
HERBICIDES	acre	42.66	1.0000	42.66	_____
INSECTICIDES	acre	19.79	1.0000	19.79	_____
PACK & HARVEST ITEMS	acre	26.25	1.0000	26.25	_____
SEED	acre	81.45	1.0000	81.45	_____
HARVEST LABOR	acre	90.00	1.0000	90.00	_____
OPERATOR LABOR	hour	7.50	17.6080	132.06	_____
HAND LABOR	hour	7.50	6.5000	48.75	_____
DIESEL FUEL	gal	2.20	8.5388	18.79	_____
ELECTRICITY	kWh	0.15	12.7500	1.91	_____
GASOLINE	gal	2.40	18.8000	45.12	_____
REPAIR & MAINTENANCE	acre	42.08	1.0000	42.08	_____
INTEREST ON OP. CAP.	acre	31.79	1.0000	31.79	_____

TOTAL DIRECT EXPENSES				631.04	_____
TOTAL FIXED EXPENSES				89.31	_____

TOTAL SPECIFIED EXPENSES				720.35	_____

Table 33C. Effects of yields and prices on net returns per acre above total direct expenses, Peas (Southern), fresh market, one-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 2006.

Yield (Bushels)	-----Price Per Bushel-----				
	16.00	18.00	20.00	22.00	24.00
	-----Net Returns Per Acre-----				
35.00	-46.64	23.36	93.36	163.36	233.36
55.00	261.16	371.16	481.16	591.16	701.16
75.00	568.96	718.96	868.96	1018.96	1168.96
95.00	876.76	1066.76	1256.76	1446.76	1636.76
115.00	1184.56	1414.56	1644.56	1874.56	2104.56

Table 34.A Estimated resource use and costs per acre for field operations, Pepper (Bell), double row, drip irrigated, wholesale market, four-row equipment, plastic mulch, high yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----						dollars			
Lime (spread)	cwt			1.00	Sep							6.6000	2.50	16.50	16.50
Disk 4R	13.3 ft	68	0.150	1.00	Sep	1.39	0.73	0.56	0.80	0.165	1.24				4.72
Disk 4R	13.3 ft	68	0.150	1.00	Oct	1.39	0.73	0.56	0.80	0.165	1.24				4.72
Fertilizer buggy	30 ft	93	0.060	1.00	Oct	0.20	0.58		0.33	0.066	0.50				1.60
13-13-13	lb											900.0000	0.18	164.70	164.70
Hipper 4R	13.3 ft	68	0.160	2.00	Oct	2.97	1.55	0.63	0.90	0.352	2.64				8.70
Conditioner, row 1R	6 ft	23	0.410	1.00	Oct	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Plastic & fumigation	5 ft	23	1.500	1.00	Oct	4.84	2.37	2.39	4.98	4.650	34.88				49.45
Plastic	roll											5.0000	85.00	425.00	425.00
Methyl bromide	lbs											200.0000	3.00	600.00	600.00
Other labor	hour											13.0000	7.50	97.50	97.50
T-tape, drip irrig.	roll											3.0000	111.00	333.00	333.00
Hose, lay flat	roll											1.0000	90.00	90.00	90.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Gramoxone	pt											2.0000	5.40	10.80	10.80
Surfactant	pt											1.0000	2.00	2.00	2.00
Hole puncher 4R	4 row	68	0.330	1.00	Mar			0.79	1.65						2.44
Trailer utility	10 ft	23	1.000	1.00	Mar	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Pepper plants	100											160.0000	8.10	1296.00	1296.00
Contract planting, 2	1000											16.0000	12.50	200.00	200.00
Irrigate/fert, drip	acin			2.00	Mar			23.20	60.00			2.0000			83.20
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Other labor	hour			1.00	Mar							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Orthene	lbs											0.6700	11.90	7.97	7.97
Kocide	lb											2.0000	3.00	6.00	6.00
Manzate	lb											1.0000	3.20	3.20	3.20
Irrigate/fert, drip	acin			2.00	Apr			23.20				2.0000			23.20
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Trailer utility	10 ft	23	1.000	1.00	Apr	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Stake replacement	100											12.0000	10.50	126.00	126.00
Other labor	hour											15.0000	7.50	112.50	112.50
Irrigation, drip	acin			1.00	Apr			9.98	60.00	0.200	1.50	1.0000			71.49
Admire	pt											1.0000	94.00	94.00	94.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Manzate	lb											1.0000	3.20	3.20	3.20
Kocide	lb											2.0000	3.00	6.00	6.00
Irrigate/fert, drip	acin			2.00	Apr			23.20				2.0000			23.20
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Manzate	lb											1.0000	3.20	3.20	3.20
Kocide	lb											2.0000	3.00	6.00	6.00
Cultivate & Herb 2R	6 ft	43	0.690	1.00	May	4.05	2.13	1.21	1.73	0.759	5.69				14.82
Gramoxone	pt											1.5000	5.40	8.10	8.10
Surfactant	pt											0.3000	2.00	0.60	0.60
Irrigate/fert, drip	acin			2.00	May			23.20				2.0000			23.20
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Manzate	lb											1.0000	3.20	3.20	3.20
Kocide	lb											2.0000	3.00	6.00	6.00
Cultivate & Herb 2R	6 ft	43	0.690	1.00	May	4.05	2.13	1.21	1.73	0.759	5.69				14.82
Gramoxone	pt											1.5000	5.40	8.10	8.10
Surfactant	pt											0.3000	2.00	0.60	0.60
Irrigate/fert, drip	acin			2.00	May			23.20				2.0000			23.20
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CAN03, water sol.	lb											50.0000	0.45	22.50	22.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Lannate	pt											1.0000	6.90	6.90	6.90
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ambush	pt											0.5000	14.00	7.00	7.00
Other labor	hour			1.00	Jun							5.0000	7.50	37.50	37.50
Cultivator 4R	13.3 ft	68	0.140	1.00	Jun	1.30	0.68	0.28	0.39	0.154	1.16				3.80
Irrigation, furrow	acin			1.00	Jun			22.80	55.50	6.000	45.00	6.0000			123.30
Trailer utility	10 ft	23	1.000	1.00	Jun	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Harvest labor	bu											1600.0000	0.75	1200.00	1200.00
Harvest container	each											30.0000	1.00	30.00	30.00
Other labor	hour											25.0000	7.50	187.50	187.50
Vegetable bin	each											8.0000	50.00	400.00	400.00
Pack line/wet/large	acre			1.00	Jun			3.25	15.65			1.0000			18.90
Packing labor	hour											80.0000	7.50	600.00	600.00
Packing boxes	each											1600.0000	1.25	2000.00	2000.00
Fork lift			1.000	1.00	Jun			5.03	4.58	1.000	7.50				17.11
Pickup truck	1/2 ton		1.000	6.20	Jun			60.45	55.59	6.200	46.50				162.54
Shredder 2R	6.7 ft	43	0.390	1.00	Jul	2.29	1.20	0.31	0.81	0.429	3.22				7.84
Coulter	4 row	68	0.140	1.00	Jul	1.30	0.68	0.30	0.44	0.154	1.16				3.87
Other labor	hour											12.0000	7.50	90.00	90.00
Pickup truck	1/2 ton		1.000	1.00	Jul			9.75	8.97	1.000	7.50				26.22
Other labor	hour											1.0000	7.50	7.50	7.50
Disk 4R	13.3 ft	68	0.150	1.00	Jul	1.39	0.73	0.56	0.80	0.165	1.24				4.72
Cover crop	acre											1.0000	60.00	60.00	60.00
TOTALS						39.64	20.45	238.02	280.08	27.773	208.30			8664.67	9451.16
INTEREST ON OPERATING CAPITAL															290.00
TOTAL SPECIFIED COST															9741.16

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 34.B Summary of estimated costs per acre, Pepper (Bell), double row, drip irrigated, wholesale four-row equipment, plastic mulch, high yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	293.70	1.0000	293.70	_____
FUNGICIDES	acre	115.60	1.0000	115.60	_____
HERBICIDES	acre	21.50	1.0000	21.50	_____
HIRED LABOR	acre	890.00	1.0000	890.00	_____
INSECTICIDES	acre	115.87	1.0000	115.87	_____
PACK & HARVEST ITEMS	acre	2430.00	1.0000	2430.00	_____
SEED	acre	60.00	1.0000	60.00	_____
STAKES & TWINE	acre	161.50	1.0000	161.50	_____
PLASTIC	acre	848.00	1.0000	848.00	_____
FUMIGANT	acre	600.00	1.0000	600.00	_____
PLANTS	acre	1296.00	1.0000	1296.00	_____
CUSTOM	acre	32.50	1.0000	32.50	_____
HARVEST LABOR	acre	1800.00	1.0000	1800.00	_____
OPERATOR LABOR	hour	7.50	21.5730	161.80	_____
IRRIGATION LABOR	hour	7.50	6.2000	46.50	_____
DIESEL FUEL	gal	2.20	6.0618	13.34	_____
ELECTRICITY	kWh	0.15	164.7000	24.71	_____
GASOLINE	gal	2.40	27.6812	66.43	_____
REPAIR & MAINTENANCE	acre	173.19	1.0000	173.19	_____
INTEREST ON OP. CAP.	acre	290.00	1.0000	290.00	_____

TOTAL DIRECT EXPENSES				9440.64	_____
TOTAL FIXED EXPENSES				300.52	_____

TOTAL SPECIFIED EXPENSES				9741.16	_____

Table 34.C Effects of yields and prices on net returns per acre above total direct expenses, Peppers (Bell), drip irrigated, fresh market, four-row equipment, high yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 2006.

Yield (Bushels)	-----Price Per Bushel-----				
	4.00	5.50	7.00	8.50	10.00
	-----Net Returns Per Acre-----				
1200.00	-3840.64	-2040.64	-240.64	1559.36	3359.36
1400.00	-3440.64	-1340.64	759.36	2859.36	4959.36
1600.00	-3040.64	-640.64	1759.36	4159.36	6559.36
1800.00	-2640.64	59.36	2759.36	5459.36	8159.36
2000.00	-2240.64	759.36	3759.36	6759.36	9759.36

Table 35.A Estimated resource use and costs per acre for field operations, Pumpkins, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jun							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jun	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk 2R	6 ft	43	0.570	1.00	Jul	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk & herb appl 2R	6 ft	23	0.590	1.00	Jul	1.90	0.93	0.83	1.18	0.649	4.87				9.72
Command	qt											1.0000	22.46	22.46	22.46
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jul	5.00	2.45	1.82	2.59	1.705	12.79				24.64
8-24-24	lb											500.0000	0.11	56.50	56.50
Hipper 1R	3 ft	23	1.530	1.00	Jul	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Conditioner, row 1R	6 ft	23	0.410	1.00	Jul	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Planter 1R	3 ft	23	1.500	1.00	Jul	4.84	2.37	0.35	0.56	1.650	12.38				20.50
Pumpkin seed	lbs											2.5000	32.25	80.63	80.63
Irrigation, furrow	acin			1.00	Jul			7.60	55.50	2.000	15.00	2.0000			78.10
Ditcher	1.5 ft	23	0.050	0.50	Jul	0.08	0.04	0.06	0.08	0.028	0.21				0.46
Cultivator 1R	3 ft	23	1.530	1.00	Aug	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	1.00	Aug	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Thiodan	lb											0.5000	6.50	3.25	3.25
Cultivate & fert 1R	3 ft	23	1.610	1.00	Aug	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33%	lb											100.0000	0.13	13.00	13.00
Irrigation, furrow	acin			1.00	Aug			7.60		2.000	15.00	2.0000			22.60
Cultivator 1R	3 ft	23	1.530	1.00	Aug	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Ditcher	1.5 ft	23	0.050	1.00	Aug	0.16	0.08	0.11	0.16	0.055	0.41				0.92
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											0.6000	5.43	3.26	3.26
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Ridomil + Bravo	lb											2.0000	17.75	35.50	35.50
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Irrigation, furrow	acin			1.00	Sep			7.60		2.000	15.00	2.0000			22.60
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											0.6000	5.43	3.26	3.26
Ridomil + Bravo	lb											2.0000	17.75	35.50	35.50
Irrigation, furrow	acin			1.00	Oct			7.60		2.000	15.00	2.0000			22.60
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sevin	lbs											0.6000	5.43	3.26	3.26
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Topsin M	lb											0.5000	16.60	8.30	8.30
Ridomil + Bravo	lb											2.0000	17.75	35.50	35.50
Harvest labor	hour			1.00	Oct							30.0000	7.50	225.00	225.00
Trailer utility	10 ft	23	1.000	2.00	Oct	6.45	3.16	0.53	1.90	2.200	16.50				28.55
Pickup truck	1/2 ton		1.000	10.00	Oct			97.50	89.67	10.000	75.00				262.17
Shredder 2R	6.7 ft	43	0.390	1.00	Oct	2.29	1.20	0.31	0.81	0.429	3.22				7.84
Disk 2R	6 ft	43	0.570	1.00	Oct	3.34	1.76	0.70	1.00	0.627	4.70				11.51
TOTALS						61.32	30.49	142.60	167.02	37.014	277.60			552.29	1231.31
INTEREST ON OPERATING CAPITAL															16.89
TOTAL SPECIFIED COST															1248.20

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 35.B Summary of estimated costs per acre, Pumpkins, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	86.00	1.0000	86.00	_____
FUNGICIDES	acre	114.80	1.0000	114.80	_____
HERBICIDES	acre	32.84	1.0000	32.84	_____
INSECTICIDES	acre	13.02	1.0000	13.02	_____
SEED	acre	80.63	1.0000	80.63	_____
HARVEST LABOR	acre	225.00	1.0000	225.00	_____
OPERATOR LABOR	hour	7.50	29.0135	217.60	_____
IRRIGATION LABOR	hour	7.50	8.0000	60.00	_____
DIESEL FUEL	gal	2.20	4.6410	10.21	_____
ELECTRICITY	kWh	0.15	48.0000	7.20	_____
GASOLINE	gal	2.40	42.1591	101.18	_____
REPAIR & MAINTENANCE	acre	85.32	1.0000	85.32	_____
INTEREST ON OP. CAP.	acre	16.89	1.0000	16.89	_____

TOTAL DIRECT EXPENSES				1050.69	_____
TOTAL FIXED EXPENSES				197.51	_____

TOTAL SPECIFIED EXPENSES				1248.20	_____

Table 35C. Effects of yields and prices on net returns per acre above total direct expenses, Pumpkins, irrigated, fresh, one-row equipment, production parameters specified by Extension Horticulture Specialist, Louisiana, 2006.

Yield (Cwt)	-----Price Per Cwt-----				
	5.00	6.00	7.00	8.00	9.00
	-----Net Returns Per Acre-----				
110.00	-433.19	-323.19	-213.19	-103.19	6.81
140.00	-316.94	-176.94	-36.94	103.06	243.06
170.00	-200.69	-30.69	139.31	309.31	479.31
200.00	-84.44	115.56	315.56	515.56	715.56
230.00	31.81	261.81	491.81	721.81	951.81

Table 36.A Estimated resource use and costs per acre for field operations, Tomatoes, fresh market, bare soil, trellis, one-row equipment, 60" skip rows, 2500 plants/acre, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jan	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Disk 2R	6 ft	43	0.570	2.00	Feb	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Hipper 1R	3 ft	23	1.530	1.00	Feb	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.00	2.45	1.82	2.59	1.705	12.79				24.64
13-13-13	lb											700.0000	0.18	128.10	128.10
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sencor	pt											1.0000	2.25	2.25	2.25
Treflan	pt											1.0000	2.87	2.87	2.87
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.32	0.65	0.27	0.38	0.451	3.38				6.01
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	2.42	1.19	0.63	1.03	0.825	6.19				11.45
Trailer utility	10 ft	23	1.000	1.00	Mar	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Tomato plants	100											25.0000	7.60	190.00	190.00
Planting labor	hour											30.0000	7.50	225.00	225.00
Trailer, water	10 ft	43	1.000	1.00	Mar	5.87	3.09	0.63	2.57	1.100	8.25				20.41
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Sencor	pt											1.0000	2.25	2.25	2.25
Trailer utility	10 ft	23	1.000	1.00	Mar	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Stake replacement	100											12.0000	10.50	126.00	126.00
Other labor	hour											15.0000	7.50	112.50	112.50
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Bravo	pt											2.0000	6.35	12.70	12.70
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	7.50	75.00	75.00
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.23	0.60	0.52	0.56	0.418	3.14				6.05
Manzate	lb											4.0000	3.20	12.80	12.80
Kocide	lb											4.0000	3.00	12.00	12.00
Lannate	pt											6.0000	6.90	41.40	41.40
Buffer	pt											2.0000	2.00	4.00	4.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33%	lb											150.0000	0.13	19.50	19.50
Trailer utility	10 ft	23	1.000	1.00	Apr	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	7.50	75.00	75.00
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.23	0.60	0.52	0.56	0.418	3.14				6.05
Bravo	pt											4.0000	6.35	25.40	25.40
Buffer	pt											2.0000	2.00	4.00	4.00
Ambush	pt											1.0000	14.00	14.00	14.00
Trailer utility	10 ft	23	1.000	1.00	May	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Twine	roll											1.0000	25.00	25.00	25.00
Other labor	hour											10.0000	7.50	75.00	75.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Manzate	lb											2.0000	3.20	6.40	6.40
Kocide	lb											2.0000	3.00	6.00	6.00
Lannate	pt											3.0000	6.90	20.70	20.70
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	5.19	2.54	1.77	2.52	1.771	13.28				25.31
Ammonium Nitrate 33%	lb											150.0000	0.13	19.50	19.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Quadris	pt											0.2500	33.60	8.40	8.40
Sprayer, boom	12 ft	23	0.190	1.00	May	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Bravo	pt											2.0000	6.35	12.70	12.70
Sevin	lbs											1.2500	5.43	6.79	6.79
Buffer	pt											1.2500	2.00	2.50	2.50
Sprayer, boom	12 ft	23	0.190	2.00	May	1.23	0.60	0.52	0.56	0.418	3.14				6.05
Ridomil + Bravo	lb											4.0000	17.75	71.00	71.00
Sevin	lbs											2.5000	5.43	13.58	13.58
Buffer	pt											2.5000	2.00	5.00	5.00
Cultivator 1R	3 ft	23	1.530	1.00	May	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Sprayer, boom	12 ft	23	0.190	2.00	Jun	1.23	0.60	0.52	0.56	0.418	3.14				6.05
Quadris	pt											0.5000	33.60	16.80	16.80
Trailer utility	10 ft	23	1.000	2.00	Jun	6.45	3.16	0.53	1.90	2.200	16.50				28.55
Harvest labor	hour				Jun							40.0000	7.50	300.00	300.00
Harvest container	each				Jun							4.0000	1.00	4.00	4.00
Other labor	hour				Jun							2.5000	7.50	18.75	18.75
Pack line/wet/small	acre				Jun							1.0000			15.31
Packing labor	hour							2.79	12.52			40.0000	7.50	300.00	300.00
Lug boxes	each											700.0000	1.11	777.00	777.00
Pickup truck	1/2 ton		1.000	1.00	Jun			9.75	8.97	1.000	7.50				26.22
Trailer utility	10 ft	23	1.000	1.00	Jul	3.23	1.58	0.27	0.95	1.100	8.25				14.28
Other labor	hour											8.0000	7.50	60.00	60.00
Shredder 1R	5 ft	23	0.740	1.00	Jul	2.39	1.17	0.36	0.93	0.814	6.11				10.94
Disk 2R	6 ft	43	0.570	2.00	Jul	6.69	3.52	1.40	2.00	1.254	9.40				23.02
TOTALS						88.38	44.12	31.10	53.44	27.664	207.48				3378.91
INTEREST ON OPERATING CAPITAL															79.45
TOTAL SPECIFIED COST															3458.36

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 36.B Summary of estimated costs per acre, Tomatoes, fresh market, bare soil, trellis, one-row equipment, 60" skip rows, 2500 plants/acre, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	183.60	1.0000	183.60	_____
FUNGICIDES	acre	184.20	1.0000	184.20	_____
HERBICIDES	acre	7.37	1.0000	7.37	_____
HIRED LABOR	acre	641.25	1.0000	641.25	_____
INSECTICIDES	acre	115.96	1.0000	115.96	_____
PACK & HARVEST ITEMS	acre	781.00	1.0000	781.00	_____
STAKES & TWINE	acre	251.00	1.0000	251.00	_____
PLANTS	acre	190.00	1.0000	190.00	_____
HARVEST LABOR	acre	600.00	1.0000	600.00	_____
OPERATOR LABOR	hour	7.50	27.6640	207.48	_____
DIESEL FUEL	gal	2.20	8.5085	18.72	_____
ELECTRICITY	kWh	0.15	5.2500	0.79	_____
GASOLINE	gal	2.40	25.5407	61.30	_____
REPAIR & MAINTENANCE	acre	38.68	1.0000	38.68	_____
INTEREST ON OP. CAP.	acre	79.45	1.0000	79.45	_____

TOTAL DIRECT EXPENSES				3360.80	_____
TOTAL FIXED EXPENSES				97.56	_____

TOTAL SPECIFIED EXPENSES				3458.36	_____

Table 36C. Effects of yields and prices on net returns per acre above total direct expenses, Tomatoes, fresh market, one-row equipment, bare soil, trellis, 60" skip row, production parameters specified by Extension Horticulture Specialist, Louisiana, 2006.

Yield (Boxes)	-----Price Per 20 Lb. Box-----				
	7.00	8.00	9.00	10.00	11.00
	-----Net Returns Per Acre-----				
400.00	-59.80	340.20	740.20	1140.20	1540.20
550.00	739.70	1289.70	1839.70	2389.70	2939.70
700.00	1539.20	2239.20	2939.20	3639.20	4339.20
850.00	2338.70	3188.70	4038.70	4888.70	5738.70
1000.00	3138.20	4138.20	5138.20	6138.20	7138.20

Table 37.A Estimated resource use and costs per greenhouse for field operations, Greenhouse Tomatoes, fall fresh market, 660 plants in grow bags, drip irrigated and fertilized, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Greenhouse	each			1.00	Aug			66.85	1337.00			1.0000			1403.85
Greenhouse prep.	hour											2.0000	7.50	15.00	15.00
Grow bags	each											165.0000	1.70	280.50	280.50
Tomato plant	each			1.00	Aug							660.0000	0.40	264.00	264.00
Planting labor	hour											5.0000	7.50	37.50	37.50
Fan, greenhouse	hour			15.00	Aug			41.04	191.50			180.0000			232.54
Clip, tie and prune	hour			1.00	Aug							5.0000	7.50	37.50	37.50
Plant clips	box											0.3400	102.50	34.85	34.85
Twine, plastic	box											1.0000	15.00	15.00	15.00
Tomato hooks	1000											0.6700	186.00	124.62	124.62
Sprayer, backpack	each			2.00	Aug			25.00	2.000	15.00		2.0000			40.00
Exotherm	lb											6.0000	4.00	24.00	24.00
Ambush	pt											0.1000	14.00	1.40	1.40
Kelthane	qt											0.0500	11.46	0.57	0.57
Thiodan	lb											0.0250	6.50	0.16	0.16
Pollinator	hour			15.00	Sep			4.50	20.00	15.000	112.50	15.0000			137.00
Sprayer, backpack	each			4.00	Sep					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	4.00	48.00	48.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Fan, greenhouse	hour			30.00	Sep			82.08				360.0000			82.08
Clip, tie and prune	hour			4.00	Sep							20.0000	7.50	150.00	150.00
Plant clips	box											0.3320	102.50	34.03	34.03
Bee pollination	hive			1.00	Oct							1.0000	250.00	250.00	250.00
Leaf pruning	hour			1.00	Oct							5.0000	7.50	37.50	37.50
Cluster prune	hour			2.00	Oct							7.0000	7.50	52.50	52.50
Sprayer, backpack	each			4.00	Oct					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	4.00	48.00	48.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Fan, greenhouse	hour			30.00	Oct			54.72				240.0000			54.72
Clip, tie and prune	hour			4.00	Oct							20.0000	7.50	150.00	150.00
Harvest labor	hour			2.00	Oct							10.0000	7.50	75.00	75.00
Boxes, lug	each											1320.0000	1.25	1650.00	1650.00
Monitor	hour			150.00	Oct							150.0000	7.50	1125.00	1125.00
Irrigate/fert, drip	each			1.00	Oct			11.60	289.00			1.0000			300.60
3-13-29	lb											300.0000	1.10	330.00	330.00
CAN03, water sol.	lb											300.0000	0.45	135.00	135.00
Leaf pruning	hour			1.00	Nov							5.0000	7.50	37.50	37.50
Cluster prune	hour			2.00	Nov							7.0000	7.50	52.50	52.50
Sprayer, backpack	each			4.00	Nov					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	4.00	48.00	48.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Fan, greenhouse	hour			30.00	Nov			54.72				240.0000			54.72
Clip, tie and prune	hour			4.00	Nov							20.0000	7.50	150.00	150.00
Plant clips	box											0.3280	102.50	33.62	33.62
Harvest labor	hour			8.00	Nov							34.0000	7.50	255.00	255.00
Pollinator	hour			15.00	Dec			4.50		15.000	112.50	15.0000			117.00
Leaf pruning	hour			1.00	Dec							5.0000	7.50	37.50	37.50
Cluster prune	hour			2.00	Dec							7.0000	7.50	52.50	52.50
Sprayer, backpack	each			4.00	Dec					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	4.00	48.00	48.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Fan, greenhouse	hour			30.00	Dec			34.20				150.0000			34.20
Clip, tie and prune	hour			4.00	Dec							20.0000	7.50	150.00	150.00
Harvest labor	hour			8.00	Dec							34.0000	7.50	255.00	255.00
Heater, greenhouse	hour			30.00	Dec			340.50	126.00			150.0000			466.50
Sprayer, backpack	each			2.00	Jan					2.000	15.00	2.0000			15.00
Exotherm	lb											6.0000	4.00	24.00	24.00
Ambush	pt											0.1000	14.00	1.40	1.40
Kelthane	qt											0.0500	11.46	0.57	0.57
Thiodan	lb											0.0250	6.50	0.16	0.16
Fan, greenhouse	hour			15.00	Jan			34.20				150.0000			34.20
Harvest labor	hour			2.00	Jan							10.0000	7.50	75.00	75.00
Heater, greenhouse	hour			15.00	Jan			340.50				150.0000			340.50
Greenhouse prep.	hour			1.00	Jan							9.0000	7.50	67.50	67.50
TOTALS						0.00	0.00	1069.41	1988.50	50.000	375.00			6225.47	9658.39
INTEREST ON OPERATING CAPITAL															214.37
TOTAL SPECIFIED COST															9872.75

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 37.B Summary of estimated costs per greenhouse, Greenhouse Tomatoes, fall fresh market, 660 plants in grow bags, drip irrigated and fertilized, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	465.00	1.0000	465.00	_____
FUNGICIDES	acre	240.00	1.0000	240.00	_____
HIRED LABOR	acre	2152.50	1.0000	2152.50	_____
INSECTICIDES	acre	21.36	1.0000	21.36	_____
PACK & HARVEST ITEMS	acre	1650.00	1.0000	1650.00	_____
STAKES & TWINE	acre	242.12	1.0000	242.12	_____
PLANTS	acre	544.50	1.0000	544.50	_____
CUSTOM	acre	250.00	1.0000	250.00	_____
HARVEST LABOR	acre	660.00	1.0000	660.00	_____
OPERATOR LABOR	hour	7.50	50.0000	375.00	_____
DIESEL FUEL	gal	2.20	300.0000	660.00	_____
ELECTRICITY	kWh	0.15	1855.2000	278.28	_____
REPAIR & MAINTENANCE	acre	131.13	1.0000	131.13	_____
INTEREST ON OP. CAP.	acre	214.37	1.0000	214.37	_____

TOTAL DIRECT EXPENSES				7884.25	_____
TOTAL FIXED EXPENSES				1988.50	_____

TOTAL SPECIFIED EXPENSES				9872.75	_____

COST AND RETURN CALCULATION IS COMBINED WITH FALL CROP, AND PRESENTED IN TABLE 38C.

Table 38.A Estimated resource use and costs per greenhouse for field operations, Greenhouse Tomatoes, spring fresh market, 660 plants in grow bags, drip irrigated and fertilized, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----						dollars		-----dollars-----	
Greenhouse prep.	hour			1.00	Jan							10.0000	7.50	75.00	75.00
Tomato plant	each			1.00	Jan							660.0000	0.40	264.00	264.00
Planting labor	hour											5.0000	7.50	37.50	37.50
Heater, greenhouse	hour			15.00	Jan			340.50	126.00			150.0000			466.50
Sprayer, backpack	each			2.00	Jan				25.00	2.000	15.00	2.0000			40.00
Exotherm	lb											6.0000	4.00	24.00	24.00
Ambush	pt											0.1000	14.00	1.40	1.40
Kelthane	qt											0.0500	11.46	0.57	0.57
Thiodan	lb											0.0250	6.50	0.16	0.16
Fan, greenhouse	hour			15.00	Jan			13.68	191.50			60.0000			205.18
Clip, tie and prune	hour			1.00	Jan							5.0000	7.50	37.50	37.50
Plant clips	box											0.3300	102.50	33.83	33.83
Twine, plastic	box											1.0000	15.00	15.00	15.00
Clip, tie and prune	hour			4.00	Feb							20.0000	7.50	150.00	150.00
Pollinator	hour			14.00	Feb			4.20	20.00	14.000	105.00	14.0000			129.20
Sprayer, backpack	each			4.00	Feb					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	4.00	48.00	48.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Fan, greenhouse	hour			30.00	Feb			68.40				300.0000			68.40
Heater, greenhouse	hour			30.00	Feb			681.00				300.0000			681.00
Sprayer, backpack	each			4.00	Mar					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	4.00	48.00	48.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Bee pollination	hive			1.00	Mar							1.0000	250.00	250.00	250.00
Leaf pruning	hour			1.00	Mar							5.0000	7.50	37.50	37.50
Cluster prune	hour			2.00	Mar							7.0000	7.50	52.50	52.50
Fan, greenhouse	hour			30.00	Mar			54.72				240.0000			54.72
Heater, greenhouse	hour			30.00	Mar			454.23				200.1000			454.23
Clip, tie and prune	hour			6.00	Mar							21.0000	7.50	157.50	157.50
Plant clips	box											0.3300	102.50	33.83	33.83
Harvest labor	hour			2.00	Mar							10.6000	7.50	79.50	79.50
Irrigate/fert, drip	each			1.00	Apr			11.60	289.00			1.0000			300.60
3-13-29	lb											500.0000	1.10	550.00	550.00
CAN03, water sol.	lb											500.0000	0.45	225.00	225.00
Monitor	hour			165.00	Apr							165.0000	7.50	1237.50	1237.50
Sprayer, backpack	each			4.00	Apr					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	4.00	48.00	48.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Clip, tie and prune	hour			4.00	Apr							20.0000	7.50	150.00	150.00
Leaf pruning	hour			1.00	Apr							5.0000	7.50	37.50	37.50
Cluster prune	hour			2.00	Apr							7.0000	7.50	52.50	52.50
Harvest labor	hour			8.00	Apr							44.8000	7.50	336.00	336.00
Fan, greenhouse	hour			30.00	Apr			54.72				240.0000			54.72
Heater, greenhouse	hour			30.00	Apr			115.77				51.0000			115.77
Sprayer, backpack	each			4.00	May					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	4.00	48.00	48.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Clip, tie and prune	hour			4.00	Apr							20.0000	7.50	150.00	150.00
Leaf pruning	hour			1.00	Apr							5.0000	7.50	37.50	37.50
Cluster prune	hour			2.00	Apr							7.0000	7.50	52.50	52.50
Harvest labor	hour			8.00	Apr							44.8000	7.50	336.00	336.00
Fan, greenhouse	hour			30.00	Apr			54.72				240.0000			54.72
Heater, greenhouse	hour			30.00	Apr			115.77				51.0000			115.77
Sprayer, backpack	each			4.00	May					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	4.00	48.00	48.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Pollinator	hour			15.00	May			4.50		15.000	112.50	15.0000			117.00
Leaf pruning	hour			1.00	May							5.0000	7.50	37.50	37.50
Cluster prune	hour			1.00	May							7.0000	7.50	52.50	52.50
Harvest labor	hour			8.00	May							44.8000	7.50	336.00	336.00
Fan, greenhouse	hour			30.00	May			54.72				240.0000			54.72
Clip, tie and prune	hour			4.00	May							20.0000	7.50	150.00	150.00
Plant clips	box											0.3300	102.50	33.83	33.83
Clip, tie and prune	hour			4.00	Jun							20.0000	7.50	150.00	150.00
Sprayer, backpack	each			4.00	Jun					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	4.00	48.00	48.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Harvest labor	hour			6.00	Jun							31.2000	7.50	234.00	234.00
Fan, greenhouse	hour			30.00	Jun			54.72				240.0000			54.72
TOTALS						0.00	0.00	1912.76	651.50	51.000	382.50			5093.47	8040.22
INTEREST ON OPERATING CAPITAL															196.64
TOTAL SPECIFIED COST															8236.86

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 38.B Summary of estimated costs per greenhouse, Greenhouse Tomatoes, spring fresh market, 660 plants in grow bags, drip irrigated and fertilized, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	775.00	1.0000	775.00	_____
FUNGICIDES	acre	264.00	1.0000	264.00	_____
HIRED LABOR	acre	2415.00	1.0000	2415.00	_____
INSECTICIDES	acre	23.49	1.0000	23.49	_____
STAKES & TWINE	acre	116.48	1.0000	116.48	_____
PLANTS	acre	264.00	1.0000	264.00	_____
CUSTOM	acre	250.00	1.0000	250.00	_____
HARVEST LABOR	acre	985.50	1.0000	985.50	_____
OPERATOR LABOR	hour	7.50	51.0000	382.50	_____
DIESEL FUEL	gal	2.20	701.1000	1542.42	_____
ELECTRICITY	kWh	0.15	1855.2000	278.28	_____
REPAIR & MAINTENANCE	acre	92.06	1.0000	92.06	_____
INTEREST ON OP. CAP.	acre	196.64	1.0000	196.64	_____

TOTAL DIRECT EXPENSES				7585.36	_____
TOTAL FIXED EXPENSES				651.50	_____

TOTAL SPECIFIED EXPENSES				8236.86	_____

Table 38C. Effects of yields and prices on net returns per greenhouse above total direct expenses, Greenhouse Tomatoes, fresh market, 660 pl in grow bags, drip irrigated and fertilized, production parameters specified by Extension Horticulture Specialist, Louisiana, 2006.

Yield (Boxes)	-----Price Per 20 Lb. Box-----				
	21.00	24.00	27.00	30.00	33.00
	-----Net Returns Per Acre-----				
460.00	-5437.61	-4057.61	-2677.61	-1297.61	82.39
560.00	-3523.61	-1843.61	-163.61	1516.39	3196.39
660.00	-1609.61	370.39	2350.39	4330.39	6310.39
760.00	304.39	2584.39	4864.39	7144.39	9424.39
860.00	2218.39	4798.39	7378.39	9958.39	12538.39

Table 39.A Estimated resource use and costs per acre for field operations, Watermelons (early), hybrid varieties, transplants, plastic mulch, one-row equipment, Louisiana, 2006

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Lime (spread)	cwt			1.00	Oct							6.6000	2.50	16.50	16.50	
Disk 4R	13.3 ft	68	0.150	2.00	Oct	2.78	1.45	1.12	1.60	0.330	2.48				9.43	
Disk 4R	13.3 ft	68	0.150	1.00	Mar	1.39	0.73	0.56	0.80	0.165	1.24				4.72	
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.00	2.45	1.82	2.59	1.705	12.79				24.64	
8-24-24	lb											400.0000	0.11	45.20	45.20	
Plastic layer	5 ft	23	1.500	1.00	Mar	4.84	2.37	2.16	4.51	4.650	34.88				48.75	
Plastic	roll											3.0000	85.00	255.00	255.00	
T-tape, drip irrig.	roll											2.0000	111.00	222.00	222.00	
Hose, lay flat	roll											1.0000	90.00	90.00	90.00	
Other labor	hour											10.0000	7.50	75.00	75.00	
Irrigate/fert, drip	acin			4.00	Mar			23.20	60.00			2.0000			83.20	
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50	
Transplanter, plug	1 row	23	1.000	1.00	Apr	3.23	1.58	1.06	2.75	3.100	23.25				31.87	
Watermelon plants	100											10.0000	8.50	85.00	85.00	
Trailer utility	10 ft	23	1.000	1.00	Apr	3.23	1.58	0.27	0.95	1.100	8.25				14.28	
Other labor	hour											1.0000	7.50	7.50	7.50	
Sprayer, boom	20 ft	93	0.120	1.00	Apr	1.67	1.15	0.26	0.28	0.132	0.99				4.36	
Curbit	pt											2.0000	4.76	9.52	9.52	
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02	
Sevin	lbs											1.0000	5.43	5.43	5.43	
Quadris	pt											0.7000	33.60	23.52	23.52	
Cultivator 4R	13.3 ft	68	0.140	1.00	Apr	1.30	0.68	0.28	0.39	0.154	1.16				3.80	
Irrigate/fert, drip	acin			4.00	Apr			46.40				4.0000			46.40	
Water (from hydrant)	acin											4.0000	3.25	13.00	13.00	
Sprayer, boom	20 ft	93	0.120	1.00	Apr	1.67	1.15	0.26	0.28	0.132	0.99				4.36	
Quadris	pt											0.7000	33.60	23.52	23.52	
Cultivator 4R	13.3 ft	68	0.140	1.00	Apr	1.30	0.68	0.28	0.39	0.154	1.16				3.80	
Sprayer, boom	20 ft	93	0.120	1.00	May	1.67	1.15	0.26	0.28	0.132	0.99				4.36	
Malathion	pt											2.0000	3.21	6.42	6.42	
Bravo	pt											2.5000	6.35	15.88	15.88	
Cultivator 4R	13.3 ft	68	0.140	1.00	May	1.30	0.68	0.28	0.39	0.154	1.16				3.80	
Irrigate/fert, drip	acin			4.00	May			46.40				4.0000			46.40	
Water (from hydrant)	acin											4.0000	3.25	13.00	13.00	
Sprayer, boom	20 ft	93	0.120	1.00	May	1.67	1.15	0.26	0.28	0.132	0.99				4.36	
Topsin M	lb											0.5000	16.60	8.30	8.30	
Other labor	hour			1.00	May							2.0000	7.50	15.00	15.00	
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.67	1.15	0.26	0.28	0.132	0.99				4.36	
Bravo	pt											2.5000	6.35	15.88	15.88	
Sevin	lbs											1.0000	5.43	5.43	5.43	
Trailer utility	10 ft	23	1.000	1.00	Jun	3.23	1.58	0.27	0.95	1.100	8.25				14.28	
Harvest labor	hour											15.0000	7.50	112.50	112.50	
Irrigate/fert, drip	acin			4.00	Jun			34.80				3.0000			34.80	
Water (from hydrant)	acin											3.0000	3.25	9.75	9.75	
Pickup truck	1/2 ton		1.000	1.00	Jun			9.75	8.97	1.000	7.50				26.22	
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.67	1.15	0.26	0.28	0.132	0.99				4.36	
Bravo	pt											2.5000	6.35	15.88	15.88	
Trailer utility	10 ft	23	1.000	1.00	Jun	3.23	1.58	0.27	0.95	1.100	8.25				14.28	
Harvest labor	hour											15.0000	7.50	112.50	112.50	
Pickup truck	1/2 ton		1.000	1.00	Jun			9.75	8.97	1.000	7.50				26.22	
Trailer utility	10 ft	23	1.000	1.00	Jul	3.23	1.58	0.27	0.95	1.100	8.25				14.28	
Harvest labor	hour											10.0000	7.50	75.00	75.00	
Pickup truck	1/2 ton		1.000	1.00	Jul			9.75	8.97	1.000	7.50				26.22	
Irrigate/fert, drip	acin			4.00	Jul			34.80				3.0000			34.80	
Coulter	1 row	23	1.500	1.00	Aug	4.84	2.37	0.64	0.94	1.650	12.38				21.16	
Other labor	hour											17.0000	7.50	127.50	127.50	
Trailer utility	10 ft	23	1.000	1.00	Aug	3.23	1.58	0.27	0.95	1.100	8.25				14.28	
Pickup truck	1/2 ton		1.000	1.00	Aug			9.75	8.97	1.000	7.50				26.22	
Disk 4R	13.3 ft	68	0.150	1.00	Aug	1.39	0.73	0.56	0.80	0.165	1.24				4.72	
TOTALS						54.15	28.84	236.53	117.77	22.728	170.46				1410.72	2018.47
INTEREST ON OPERATING CAPITAL																62.23
TOTAL SPECIFIED COST																2080.66

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Table 39.B Summary of estimated costs per acre, Watermelons (early), hybrid varieties, transplants, plastic mulch, one-row equipment, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	61.70	1.0000	61.70	_____
FUNGICIDES	acre	102.97	1.0000	102.97	_____
HERBICIDES	acre	9.52	1.0000	9.52	_____
HIRED LABOR	acre	225.00	1.0000	225.00	_____
INSECTICIDES	acre	17.28	1.0000	17.28	_____
PLASTIC	acre	567.00	1.0000	567.00	_____
PLANTS	acre	85.00	1.0000	85.00	_____
CUSTOM	acre	42.25	1.0000	42.25	_____
HARVEST LABOR	acre	300.00	1.0000	300.00	_____
OPERATOR LABOR	hour	7.50	22.7280	170.46	_____
DIESEL FUEL	gal	2.20	7.0188	15.44	_____
ELECTRICITY	kWh	0.15	115.2000	17.28	_____
GASOLINE	gal	2.40	22.1362	53.13	_____
REPAIR & MAINTENANCE	acre	204.83	1.0000	204.83	_____
INTEREST ON OP. CAP.	acre	62.23	1.0000	62.23	_____

TOTAL DIRECT EXPENSES				1934.08	_____
TOTAL FIXED EXPENSES				146.61	_____

TOTAL SPECIFIED EXPENSES				2080.69	_____

Table 39C. Effects of yields and prices on net returns per acre above total direct expenses, Watermelons (early), fresh market, one-row equipment, hybrid, transplant, plastic mulch, production parameters specified by Extension Horticulture Specialist, Louisiana, 2006.

Yield (Cwt)	-----Price Per Cwt-----				
	5.00	5.50	6.00	6.50	7.00
	-----Net Returns Per Acre-----				
200.00	-84.17	115.83	315.83	515.83	715.83
250.00	167.08	417.08	667.08	917.08	1167.08
300.00	418.33	718.33	1018.33	1318.33	1618.33
350.00	669.58	1019.58	1369.58	1719.58	2069.58
400.00	920.83	1320.83	1720.83	2120.83	2520.83

Appendix Table 1. Powered Equipment: estimated useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour Louisiana, 2006.

ITEM NAME	SIZE	USEFUL LIFE	ANNUAL USE	PURCHASE PRICE	REPAIR COST	FUEL CONS RATE	DIRECT COST		FIXED COST	
		years	hours	dollars	percent	/hour	\$/hr	\$/ac	\$/hr	\$/ac
Double hitch	0	10	1000	0	100	0.00	0.00		0.00	
Pickup truck	1/2 ton	5	600	25,000	45	2.50	9.75		8.97	
Small 4-wheel drive	225	10	600	104,362	25	11.58	29.82		18.70	
Tractor 106-130HP	118	10	600	60,457	35	6.07	16.88		10.83	
Tractor 131-155HP	143	10	600	72,690	35	7.36	20.43		13.03	
Tractor 15-30HP	23	10	600	8,820	35	1.13	3.23		1.58	
Tractor 156-180	168	10	600	83,266	35	8.65	23.89		14.92	
Tractor 31-55HP	43	10	600	17,240	35	2.21	5.87		3.09	
Tractor 56-80HP	68	10	600	27,049	35	3.50	9.28		4.85	
Tractor 80-105HP	93	8	600	46,683	35	4.79	13.94		9.61	
Tractor hi clearance	68	10	600	43,000	25	4.20	11.03		7.71	
Fork lift		20	350	20,000	50	1.50	5.03	5.03	4.58	4.58
High cycle spray	60 ft	12	250	60,000	60	2.90	18.38	0.55	26.45	0.79
Pickup truck	1/2 ton	5	600	25,000	45	2.50	9.75	9.75	8.97	8.97
Truck	1 ton	10	400	30,000	45	3.00	10.58	10.58	9.39	9.39
Truck	2 ton	10	400	35,000	45	3.00	10.54	10.54	10.96	10.96
Truck	5 ton	10	400	54,000	70	4.50	19.35	19.35	16.90	16.90

Appendix Table 2. Other durable inputs: estimated repair cost, fuel consumption rate, Direct cost per unit of measure, and fixed cost per unit of measure or per acre Louisiana, 2006.

ITEM NAME	UNIT	REPAIR COST	FUEL CONS RATE	DIRECT COST	----FIXED COST----	
		\$/U of M	/U of M	\$/U of M	\$/U of M	\$/acre
Cool pad, greenhouse	hour	10.000	1.000	10.150		350.00
Cutter, potato seed	cwt	0.010	0.450	0.078		1.92
Fan, greenhouse	hour	0.018	1.400	0.228		191.50
Greenhouse	each	66.850	0.000	66.850		1337.00
Heater, greenhouse	hour	0.070	1.000	2.270		126.00
Irrig. sys. 1 pivot	acin	0.610	2.140	5.318		33.80
Irrig. Sys. 2 pipe	acin	0.590	1.410	3.692		27.70
Irrig. sys. 3 gun	acin	0.970	2.260	5.942		44.00
Irrig. sys. 7 pivot	acin	0.910	2.110	5.552		47.33
Irrig. sys. 8 pipe	acin	13.000	6.630	13.995		23.04
Irrigate/fert, drip	acin	10.520	7.200	11.600		60.00
Irrigate/fert, drip	each	10.520	7.200	11.600		289.00
Irrigation, drip	acin	2.230	51.700	9.985		60.00
Irrigation, drip	each	72.500	0.100	72.515		126.00
Irrigation, furrow	acin	2.900	6.000	3.800		55.50
Irrigation/sprinkler	acin	2.330	19.000	5.180		74.65
Loader, bulk	acre	0.500	1.000	2.700		3.84
Pack line/wet/large	acre	2.500	5.000	3.250		15.65
Pack line/wet/small	acre	2.000	5.250	2.788		12.52
Packing Line	acre	4.850	7.700	6.005		9.11
Packing line, dry	acre	1.400	1.150	1.573		8.76
Plant tie machine	hour	0.000	0.000	0.000		0.10
Pollinator	hour	0.300	0.000	0.300		20.00
Sheller, bean/pea	acre	3.600	12.750	5.513		7.55
Sprayer, backpack	each	0.000	0.000	0.000		25.00

Appendix Table 3. Implements: estimated performance rate, useful life, annual use, purchase price, repair cost, and direct and fixed cost per hour and per acre Louisiana, 2006.

ITEM NAME	SIZE	PERF RATE	USEFUL LIFE	ANNUAL USE	PURCHASE PRICE	REPAIR COST	--DIRECT COST--	--FIXED COST--	
		hrs/ac	years	hours	dollars	percent	\$/hr	\$/ac	\$/hr \$/ac
Conditioner row 4R	13.3 ft	0.15	10	200	4,500	88	1.98	0.30	2.82 0.42
Conditioner row 6R	20 ft	0.09	6	200	8,500	88	6.23	0.56	7.87 0.71
Conditioner, row 1R	6 ft	0.41	10	200	1,500	88	0.66	0.27	0.94 0.38
Coulter	1 row	1.50	10	200	1,000	85	0.43	0.64	0.63 0.94
Coulter	4 row	0.14	10	200	5,000	85	2.13	0.30	3.13 0.44
Cultivate & fert 1R	3 ft	1.61	10	200	2,500	88	1.10	1.77	1.57 2.52
Cultivate & fert 2R	6 ft	0.60	10	200	5,300	88	2.33	1.40	3.32 1.99
Cultivate & herb 1R	3 ft	1.83	10	200	2,500	88	1.10	2.01	1.57 2.86
Cultivate & herb 2R	6 ft	0.69	10	200	4,000	88	1.76	1.21	2.50 1.73
Cultivate & herb 4R	20 ft	0.11	10	200	8,200	88	3.61	0.40	5.13 0.56
Cultivator 1R	3 ft	1.53	10	200	2,000	88	0.88	1.35	1.25 1.92
Cultivator 2R	6 ft	0.57	10	200	3,500	88	1.54	0.88	2.19 1.25
Cultivator 4R	13.3 ft	0.14	10	200	4,500	88	1.98	0.28	2.82 0.39
Cultivator 6R	20 ft	0.10	10	200	6,550	88	2.88	0.29	4.10 0.41
Cultivator, 6R dbl	20 ft	0.20	10	200	9,000	88	3.96	0.79	5.63 1.13
Disk & herb appl 2R	6 ft	0.59	10	200	3,200	88	1.41	0.83	2.00 1.18
Disk & herb appl 6R	20 ft	0.10	10	200	18,700	88	8.23	0.82	11.71 1.17
Disk 2R	6 ft	0.57	10	200	2,800	88	1.23	0.70	1.75 1.00
Disk 4R	13.3 ft	0.15	10	200	8,500	88	3.74	0.56	5.32 0.80
Disk 6R	20 ft	0.10	10	200	17,500	88	7.70	0.77	10.96 1.10
Ditcher	1.5 ft	0.05	10	100	2,500	88	2.20	0.11	3.13 0.16
Fertilizer applicatr	1 row	0.50	10	150	600	75	0.30	0.15	0.50 0.25
Fertilizer applicatr	20 ft	0.09	10	200	6,000	88	2.64	0.24	3.76 0.34
Fertilizer buggy	30 ft	0.06	10	150	6,500	88	3.81	0.23	5.43 0.33
Fertilizer buggy	30 ft	0.06	10	150	6,500	0	0.00	0.00	5.43 0.33
Fertilizer dist(PTO)	20 ft	0.11	10	150	1,600	88	0.94	0.10	1.34 0.15
Field cult. & herb	20 ft	0.10	10	200	9,750	88	4.29	0.43	6.10 0.61
Field cultivator	20 ft	0.09	10	200	8,750	88	3.85	0.35	5.48 0.49
Harrow, spike	18 ft	0.08	10	200	2,000	88	0.88	0.07	1.25 0.10
Harvest aide	50 ft	1.00	10	200	10,000	88	4.40	4.40	6.26 6.26
Harvester, bean 1R	3 ft	1.00	12	150	17,000	85	8.03	8.03	12.49 12.49
Harvester, greens	80 inch	1.00	10	200	10,000	88	4.40	4.40	6.26 6.26
Harvester, riding 1R	1 row	2.67	10	300	10,000	88	2.93	7.83	4.17 11.14
Harvester, riding 2R	2 row	2.00	15	300	14,000	88	2.74	5.48	4.44 8.89
Hipper 1R	3 ft	1.53	10	200	1,000	88	0.44	0.67	0.63 0.96
Hipper 2R	6 ft	0.57	10	200	2,000	88	0.88	0.50	1.25 0.71
Hipper 4R	13.3 ft	0.16	10	200	4,500	88	1.98	0.32	2.82 0.45
Hipper 6R	20 ft	0.09	10	200	7,200	88	3.17	0.29	4.51 0.41
Hipper-fert dist 1R	3 ft	1.55	10	150	2,000	88	1.17	1.82	1.67 2.59
Hipper-fert dist 2R	6 ft	0.58	10	200	4,000	88	1.76	1.02	2.50 1.45
Hole Puncher 1R	3 ft	0.75	12	80	1,000	80	0.83	0.63	1.38 1.03
Hole puncher 4R	4 row	0.33	10	100	4,000	60	2.40	0.79	5.01 1.65
Hole puncher 4R	4R	0.33	10	100	4,000	60	2.40	0.79	5.01 1.65
Injection wheel 1R	1 row	1.00	10	100	1,800	77	1.39	1.39	2.25 2.25
Injection wheel 4R	4 row	0.33	10	100	4,000	88	3.52	1.16	5.01 1.65
Land level	13 ft	0.19	15	200	7,500	66	1.65	0.31	3.57 0.68
Lifter blade	1 row	1.50	10	100	1,300	60	0.78	1.17	1.63 2.44
Middle buster 1R	3 ft	1.53	10	200	500	88	0.22	0.34	0.31 0.48
Middle buster 2R	6 ft	0.57	10	200	1,200	88	0.53	0.30	0.75 0.43
Middle buster 4R	4R	0.30	10	200	3,500	88	1.54	0.46	2.19 0.66
Misc. tools	1 ft	0.00	5	200	112	97	0.11	0.00	0.12 0.00
Nurse tank	1000 gal	0.13	12	150	3,000	22	0.37	0.05	2.20 0.29
Planter & herb 1R	3 ft	1.53	10	200	1,100	77	0.42	0.65	0.69 1.05
Planter & herb 6R	20 ft	0.25	8	200	18,000	77	8.66	2.17	13.29 3.32
Planter 1R	3 ft	1.50	10	200	600	77	0.23	0.35	0.38 0.56
Planter 2R	6 ft	0.57	10	200	1,500	77	0.58	0.33	0.94 0.54
Planter 6R	20 ft	0.24	10	200	16,500	77	6.35	1.52	10.33 2.48
Planter, potato 4R	4 row	0.40	12	150	10,000	85	4.72	1.89	7.35 2.94

continued

Appendix Table 3. (Continued)

ITEM NAME	SIZE	PERF RATE	USEFUL LIFE	ANNUAL USE	PURCHASE PRICE	REPAIR COST	--DIRECT COST--	--FIXED COST--		
		hrs/ac	years	hours	dollars	percent	\$/hr	\$/ac	\$/hr	\$/ac
Planter, precision1R 2 unit		1.30	10	200	6,000	85	2.55	3.32	3.76	4.88
Planter, precision2R 4 unit		0.60	10	200	12,000	85	5.10	3.06	7.51	4.51
Planter, vacuum	20 ft	0.25	12	150	30,000	85	14.17	3.54	22.04	5.51
Planter, yam seed	250 bu	0.33	15	50	6,500	50	4.33	1.43	12.38	4.08
Plastic & fumigation	5 ft	1.50	10	200	5,300	60	1.59	2.39	3.32	4.98
Plastic layer	5 ft	1.50	10	200	4,800	60	1.44	2.16	3.00	4.51
Plow, chisel	20 ft	0.09	10	200	12,000	88	5.28	0.48	7.51	0.68
Plow, moldboard	2 ft	1.79	10	200	750	88	0.33	0.59	0.47	0.84
Plow, moldboard	6 ft	0.66	10	200	950	88	0.42	0.28	0.59	0.39
Potato digger, chain	1 row	1.50	10	100	2,100	88	1.85	2.77	2.63	3.94
Potato digger, chain	2 row	0.66	10	100	3,500	88	3.08	2.03	4.38	2.89
Row shaper	4R	0.30	10	200	6,000	88	2.64	0.79	3.76	1.13
Shredder 1R	5 ft	0.74	10	150	1,500	48	0.48	0.36	1.25	0.93
Shredder 2R	6.7 ft	0.39	10	150	2,500	48	0.80	0.31	2.09	0.81
Shredder 4R	13.3 ft	0.13	10	150	7,000	44	2.05	0.27	5.84	0.76
Sprayer, boom	12 ft	0.19	8	150	1,500	110	1.38	0.26	1.48	0.28
Sprayer, boom	20 ft	0.12	8	150	2,400	110	2.20	0.26	2.36	0.28
Trailer	40 ft	1.00	15	200	5,000	88	1.47	1.47	2.38	2.38
Trailer small	8 ft	1.00	15	200	1,800	40	0.24	0.24	0.86	0.86
Trailer utility	10 ft	1.00	15	200	2,000	40	0.27	0.27	0.95	0.95
Trailer, water	10 ft	1.00	15	100	2,700	35	0.63	0.63	2.57	2.57
Transplanter 4R	12 ft	0.60	10	150	10,000	38	2.53	1.52	8.35	5.01
Transplanter mod 900	1 row	3.00	10	100	2,200	48	1.06	3.17	2.75	8.26
Transplanter vegtabl	1 row	4.00	10	200	1,300	48	0.31	1.25	0.81	3.26
Transplanter, plug	1 row	1.00	10	100	2,200	48	1.06	1.06	2.75	2.75
V-Ripper	7 shank	0.17	15	100	4,200	110	3.08	0.52	4.00	0.68
V-Ripper	9-shank	0.13	15	100	5,600	110	4.11	0.53	5.33	0.69
Wagon, vegetable	12 ft	1.00	15	200	7,500	88	2.20	2.20	3.57	3.57
Windrower	12.0 ft	0.18	8	80	4,950	121	9.36	1.68	9.14	1.65

Appendix Table 4. Operating inputs: estimated prices Louisiana, 2006

ITEM NAME	UNIT	PRICE			
		dollars		dollars	
FERTILIZER					
10-20-20	lb	0.12	13-13-13	cwt	18.32
13-13-13	lb	0.18	3-13-29	lb	1.10
7-21-21	lb	0.12	8-24-24	lb	0.11
Ammonium Nitrate 33%	lb	0.13	Anhydrous (82%)	lb	0.30
CaNO ₃ , regular	lb	0.35	CAN ₃ , water sol.	lb	0.45
Fertilizer cart	cwt	0.20	Lime (spread)	cwt	2.50
Nitrogen	lb	0.13	Nitrogen (32%)	lb	0.40
Phosphorus	lb	0.14	Potash	lb	0.13
Sodium Molybdate	lb	18.00	Solubore	lb	1.10
FUNGICIDES					
Benlate	lb	15.95	Botran 75W	lb	12.75
Bravo	pt	6.35	Captan	lb	3.02
Dithane	lb	3.00	Exotherm	lb	4.00
Kocide	lb	3.00	Manzate	lb	3.20
Quadris	pt	33.60	Ridomil	lb	1.86
Ridomil + Bravo	lb	17.75	Ridomil Gold	pt	88.00
Ridomil Gold + Bravo	pt	90.00	Rovral	pt	18.93
Topsin M	lb	16.60	Tribasic Copper	lb	2.65
HERBICIDES					
Atrazine	pt	1.29	Basagran	pt	10.03
Command	qt	22.46	Crop oil	pt	1.00
Curbit	pt	4.76	Dacthal	lb	16.00
Devrinol	lb	8.39	Dual	pt	13.12
Eptam	pt	4.10	Fusilade 2000	pt	17.00
Goal	pt	11.23	Gramoxone	pt	5.40
Lasso	pt	3.05	Poast	pt	8.38
Prefar	qt	12.62	Princep	lb	3.73
Prowl	pt	2.63	Pursuit	oz	11.49
Roneet	qt	12.50	Roundup	pt	7.24
Sencor	pt	2.25	Surfactant	pt	2.00
Treflan	pt	2.87			
HIRED LABOR					
Blanching labor	hour	7.50	Clean berry plants	hour	7.50
Clip, tie and prune	hour	7.50	Cluster prune	hour	7.50
Contract planting, 1	1000	18.75	Contract planting, 2	1000	12.50
Cut slip labor	hour	7.50	Greenhouse prep.	hour	7.50
Hoe labor	hour	7.50	Leaf pruning	hour	7.50
Monitor	hour	7.50	Other labor	hour	7.50
Planting labor	hour	7.50	Strip berry labor	hour	7.50
Tie/prune plants	hour	7.50	Tomato pollination	each	7.50
INSECTICIDES					
AgriMek	pt	83.50	Ambush	pt	14.00
Buffer	pt	2.00	Confirm	lb	24.00
Diazinon	pt	3.80	Dimethoate	pt	4.42
Dipel	pt	4.47	Furadan	qts	19.32
Guthion	pt	2.75	Imidan	lb.	7.45
Kelthane	qt	11.46	Lannate	pt	6.90
Lorsban 4E	pt	4.49	Malathion	pt	3.21
Mocap	lbs	1.40	Orthene	lbs	11.90
Pennncap M	pt	3.46	Phosdrin	pt	11.19
Pounce	pt	17.60	Pravado	pt	58.40
Sevin	lbs	5.43	Thiodan	lb	6.50
Thiodan	pt	4.30	Vendex	lb	23.00
PACK & HARVEST ITEMS					
Boxes, lug	each	1.25	Bushel hampers	each	2.25
Flats w/clamshells	each	2.29	Flats w/pints	each	1.28
Hand carry	each	1.60	Harvest container	each	1.00
Harvest crate	each	1.15	Harvest sacks	each	0.75
Ice	cwt	7.10	Lug boxes	each	1.11
Packing boxes	each	1.25	Packing boxes	each	1.20
Packing boxes	each	0.95	Packing boxes	each	1.45
Packing boxes	each	0.95	Packing charge	bu	1.50
Packing crates	each	1.10	Packing sacks	each	0.75
plastic bag, sealing	each	0.10	Potato bins	each	50.00
Rubber bands	lbs	5.00	Vegetable bin	each	50.00

Appendix Table 4 (continued)

ITEM NAME	UNIT	PRICE	
		dollars	dollars
SEED			
Broccoli seed	lbs	525.11	Butter bean seed lbs 1.50
Cabbage seed	lbs	272.00	Cantaloupe seed lbs 338.00
Cauliflower seed	lbs	775.00	Cayenne seed lbs 32.50
Chipping potato seed	cwt	22.00	Collard seed lbs 5.50
Cover crop	acre	60.00	Cucumber seed lbs 93.16
Cucumber seed/slice	lbs	12.25	Eggplant seed lbs 320.00
Irish potato seed	cwt	22.00	Jalapeno seed lbs 35.00
Mustard seed	lbs	4.00	Okra seed lbs 4.22
Pink banana squash	lbs	11.60	Pumpkin seed lbs 32.25
Seed potatoes	bu	7.00	Shallots sets lbs 2.00
Snap bean seeds	lbs	1.50	Southern pea seed lbs 1.81
Spinach	lbs	5.90	Sweet corn seed lbs 8.76
Sweet potato slips	acre	119.69	Turnip seed lbs 8.89
Watermelon seed	lbs	26.63	Yellow squash seed lbs 42.00
STAKES & TWINE			
Plant clips	box	102.50	Stake replacement 100 10.50
String	lbs	2.00	Tomato hooks 1000 186.00
Twine	roll	25.00	Twine, plastic box 15.00
Twine, poly	roll	4.50	
PLASTIC			
Hose, lay flat	roll	90.00	Pipe, poly acre 4.69
Plastic	ft	0.02	

Appendix Table 5.A Estimated resource use and costs per acre for field operations, Sweet Potato Mother beds, one-row equipment, plant 90 acres, Louisiana, 2006.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC HOURS	LABOR COST	OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED			AMOUNT	PRICE	COST	
						-----dollars-----					dollars	-----dollars-----			
Disk 2R	6 ft	43	0.570	2.00	Dec	6.69	3.52	1.40	2.00	1.254	9.40				23.02
Fertilizer applicatr	1 row	23	0.500	1.00	Feb	1.61	0.79	0.15	0.25	0.550	4.13				6.93
8-24-24	lb											500.0000	0.11	56.50	56.50
Disk 2R	6 ft	43	0.570	1.00	Feb	3.34	1.76	0.70	1.00	0.627	4.70				11.51
Hipper 1R	3 ft	23	1.530	2.00	Feb	9.87	4.84	1.35	1.92	3.366	25.25				43.22
Middle buster 1R	3 ft	23	1.530	1.00	Feb	4.94	2.42	0.34	0.48	1.683	12.62				20.79
Trailer utility	10 ft	23	1.000	5.00	Feb	16.13	7.90	1.33	4.76	5.500	41.25				71.38
Planter, yam seed	250 bu	93	0.330	1.00	Feb	4.60	3.17	1.43	4.08	0.693	5.20				18.48
Planting labor	hour											1.0000	7.50	7.50	7.50
Seed potatoes	bu											900.0000	7.00	6300.00	6300.00
Seed potatoes	bu											450.0000	7.00	3150.00	3150.00
Botran 75W	lb											2.2500	12.75	28.69	28.69
Fork lift			1.000	1.00	Feb			5.03	4.58	1.000	7.50				17.11
Hipper 1R	3 ft	23	1.530	2.00	Feb	9.87	4.84	1.35	1.92	3.366	25.25				43.22
Ditcher	1.5 ft	23	0.050	1.00	Feb	0.16	0.08	0.11	0.16	0.055	0.41				0.92
Plastic layer	5 ft	23	1.500	1.00	Mar	4.84	2.37	2.16	4.51	4.650	34.88				48.75
Plastic	roll											4.5000	85.00	382.50	382.50
Other labor	hour											3.0000	7.50	22.50	22.50
Hipper 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	0.67	0.96	1.683	12.62				21.61
Other labor	hour			1.00	Mar							6.0000	7.50	45.00	45.00
Cultivator 1R	3 ft	23	1.530	1.00	Mar	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Ditcher	1.5 ft	23	0.050	1.00	Mar	0.16	0.08	0.11	0.16	0.055	0.41				0.92
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Thiodan	lb											1.0000	6.50	6.50	6.50
Cultivator 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Ditcher	1.5 ft	23	0.050	1.00	Apr	0.16	0.08	0.11	0.16	0.055	0.41				0.92
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.61	0.30	0.26	0.28	0.209	1.57				3.02
Thiodan	lb											1.0000	6.50	6.50	6.50
Cultivator 1R	3 ft	23	1.530	1.00	Apr	4.94	2.42	1.35	1.92	1.683	12.62				23.24
Ditcher	1.5 ft	23	0.050	1.00	Apr	0.16	0.08	0.11	0.16	0.055	0.41				0.92
Shredder 1R	5 ft	23	0.740	1.00	May	2.39	1.17	0.36	0.93	0.814	6.11				10.94
Middle buster 1R	3 ft	23	1.530	1.00	May	4.94	2.42	0.34	0.48	1.683	12.62				20.79
Disk 2R	6 ft	43	0.570	2.00	May	6.69	3.52	1.40	2.00	1.254	9.40				23.02
TOTALS						97.53	49.31	23.01	36.79	33.810	253.58			10005.6910	465.90
INTEREST ON OPERATING CAPITAL															305.83
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															10771.73

Notes: Cost of production estimates are based on last year's input prices. Brand names for crop protection chemicals are for budgeting purposes only, and do not constitute a brand recommendation by the LSU AgCenter.

Appendix Table 5.B Summary of estimated costs per acre, Sweet Potato Mother Beds, one-row equipment, plant 90 acres, Louisiana, 2006.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	56.50	1.0000	56.50	
FUNGICIDES	acre	28.69	1.0000	28.69	
HIRED LABOR	acre	75.00	1.0000	75.00	
INSECTICIDES	acre	13.00	1.0000	13.00	
SEED	acre	9450.00	1.0000	9450.00	
PLASTIC	acre	382.50	1.0000	382.50	
OPERATOR LABOR	hour	7.50	33.8100	253.58	
DIESEL FUEL	gal	2.20	7.8792	17.33	
GASOLINE	gal	2.40	28.1906	67.66	
REPAIR & MAINTENANCE	acre	35.55	1.0000	35.55	
INTEREST ON OP. CAP.	acre	305.83	1.0000	305.83	

TOTAL DIRECT EXPENSES				10685.64	
TOTAL FIXED EXPENSES				86.10	

TOTAL SPECIFIED EXPENSES				10771.73	