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**PROJECTED COSTS FOR SELECTED
LOUISIANA VEGETABLE CROPS - 2001 SEASON**

by

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PROJECTED COSTS FOR SELECTED LOUISIANA VEGETABLE CROPS - 2001 SEASON

by

Roger A. Hinson and James E. Boudreaux ¹

Cost budgets are reported for 20 vegetable crops, with a total of 38 combinations of crop, machinery size, and market channel.

Production Practices

Budgets were developed from two separate sources of information.

Research budgets reflect cultural practices (as described in the budget's title, such as seeding rates, fertilizer rates and machinery operations) associated with representative farms. Some budgets, for example, use small (one-row) machinery and production from these farms is assumed to be sold in the local market, typically at a higher price compared to the wholesale market. Other budgets represent larger vegetable growers whose market objective is the regional or national wholesale market. Expected Production per acre for each crop was obtained from cross-sectional grower surveys, Extension Service summaries, and Specialists' experience.

Data on production practices and input requirements used to prepare research budgets for 4-row and smaller equipment were obtained from a statewide survey of commercial vegetable growers during 1987². In 1995, information was collected from farmers to update production practices for the bell pepper, strawberry, and tomato with drip irrigation/plastic mulch technology budgets. With the assistance of Extension Agents, commercial growers were identified and selected for interview. Information obtained from growers was supplemented with information from previous studies and from horticulturalists. Production practices followed by commercial growers generally conformed to LSU's recommended practices. Annual budget updates primarily reflect changes in chemical label applications and input prices.

Extension budgets were developed by Extension horticulture specialists, and are identified by that statement in the titles. Generally, these crop situations assume a higher technology level than found on the typical farm, or are based on observation of specific production or marketing possibilities. Examples include machine-harvested snapbeans, 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 (Bracy et al.; Parish et al.). However, these technologies and yields have not yet been tested over a period of years under Louisiana farming conditions. This set of Extension budgets is identified through appropriate title description.

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² Information on cultural practices, machinery complements, etc. was obtained from a total of 48 commercial growers. Interviews were confined to growers with at least one acre of a particular vegetable crop. Individual acreages of growers interviewed ranged from one for some vegetable crops to several hundred in the case of sweet potatoes.

The advanced technology assumed in these Extension budgets offers 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 39. With its higher production cost and management requirements, the high input budget is expected to generate higher returns with lower yield risk.

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 industry practice.

Budget Description

These budgets may be grouped into the following categories:

- 1) market channel - fresh local and fresh wholesale markets
- 2) seasonal - spring and fall crops
- 3) machinery size - one-row, four-row, and six-row equipment
- 4) technology level - Extension budgets usually assume technology that exceeds the level 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 2001, the production practices incorporated into the budgets changed little from 2000. One exception is the one-row strawberry budget. Extension specialists and parish-level extension agents indicated that row cover use has become a standard production practice, so this technology now appears in that budget. Cost increased substantially, but earlier and higher yield levels are the result. Prices of fuel (both gasoline and diesel) were higher than in 2000, and it appears that agricultural chemical prices will be higher in the coming season by about 5%. Another fuel price, natural gas, is a factor in the greenhouse tomato costs. This price currently is at an extremely high level compared to its historical average. Because the intent of these budget projections is planning, we have chosen to keep the natural gas price at its historical level. The price will change in future projections if this high level is sustainable.

Cautions Regarding Risk in Marketing and Producing Vegetables

Vegetable yields and fresh market prices may vary widely 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.

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, the grower should consider the impact of adverse events and his financial ability to withstand unexpected developments.

Conclusions

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 watermelon 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. Strawberry, at these yield and price assumptions, was the most profitable crop with an estimated net return of \$6147.97. In all cases for which budgets are provided except trellised cucumbers (where significantly more labor is required), estimated net returns are sufficient to cover direct costs of production including labor. A majority of crop situations provided returns above direct expense in the range between \$100.00 and \$1000.00 per acre.

This information is intended as a guide only. Growers should adapt the information to their situation, including 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.

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Table 1. Yields, prices, costs and returns for selected vegetable crops, Louisiana, 2001.

Crop	Yield Per Unit	Budgeted 2001 price	Total Direct Expense	Returns Above
				Direct Expense
				Dollars Per Acre
Beans, Butter 1R	100 bu	20.00	1446.67	553.36
Beans, Snap 1R	150 bu	12.00	1121.68	678.32
Broccoli, fresh 1R	300 boxes	6.75	1983.39	41.61
Cabbage, fall 1R	450 50 lb sacks	4.25	1505.18	407.32
Cabbage, spring 1R	450 50 lb sacks	4.75	1708.00	429.50
Cantaloupe 1R	2500 boxes	1.25	1790.22	1334.78
Cauliflower 1R	300 boxes	8.00	1762.19	637.81
Corn, Sweet 1R	600 doz	2.00	953.84	246.16
Cucumber, fresh 1R	300 bu	6.50	1668.27	281.73
Eggplant, 1R	450 bu	7.75	2878.04	609.46
Greens, Mustard 1R	600 dz. bunches	4.00	1683.75	716.25
Okra, fresh 1R	240 bu	15.00	2027.37	1572.63
Peas, Southern 1R	100 bu	15.00	1086.89	413.11
Peppers, Bell 1R	600 bu	7.00	3824.68	375.32
Peppers, Bell 4R	600 bu	7.00	3873.40	326.60
Potatoes, Irish 1R	150 cwt	15.00	1245.91	1004.09
Sweet potato 1R	175 cwt	8.00	1297.08	101.64
Sweet potato, 4R, one-row riding harvester	175 cwt	9.00	13.81.56	192.15
Sweet potato, 6R, two-row riding harvester	175 cwt	9.00	1278.02	295.69
Shallots 1R	2000 dz. bunches	2.00	2776.39	1223.61

(Continued)

Table 1 (Continued)

Crop	Yield Per Unit	Budgeted 2001 price	Total Direct Expense	Returns Above Direct Expense
Squash, fresh 1R	375 3/4 bu boxes	7.50	2268.71	543.79
Strawberry (row covers and sprinkler irrigate)	1600 flats	8.00	10052.97	6147.71
Tomatoes, bare soil	700 20 lb boxes	9.00	3550.63	2949.37
Watermelon 1R	200 cwt	5.00	966.29	300.71
Beans, Butter, mechanical harvest	50 bu	20.00	689.10	310.90
Beans, Snap, mechanical harvest	100 bu	12.00	965.68	234.32
Cabbage, hybrid, double drilled, 6-row equipment	700 sacks	3.25	1503.48	771.52
Cucumber, hybrid, trellised	380 bu	7.25	3174.47	-419.47
Eggplant, trellis, bare soil	400	7.75	2984.64	115.36
Eggplant, trellis, plastic mulch, irrigated	600 bu	7.75	4008.17	641.83
Peas, Southern, mechanical harvest	75 bu	18.00	550.75	799.25
Pumpkins, fresh, irrigated	170 cwt	7.00	1028.05	161.95
Strawberries, row covers and drip irrigation	1800 flats	9.00	10052.97	6147.97
Tomato, trellis, irrigated	900 20 lb boxes	9.00	6065.47	1634.53
Tomato, plastic mulch and drip irrigation	1200 20 lb boxes	7.75	5943.10	3556.90
Tomatoes, greenhouse, fall and spring crops	660 20 lb boxes per greenhouse	22.00	13651.18	868.82
Watermelon, hybrid, mulch	300 cwt	6.00	1286.07	513.93

Table 2.A Estimated resource use and costs per acre for field operations, Beans (Butter), fresh market, one-row equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	1.00	Jan	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk 2R	6 ft	43	0.570	2.00	Mar	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	2.55	1.04	0.83	1.18	0.649	4.87				10.47
Treflan	pt											1.2500	3.19	3.99	3.99
Dual	pt											1.5000	8.06	12.09	12.09
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											400.0000	0.10	40.00	40.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Planter 1R	3 ft	23	1.500	1.00	Apr	6.49	2.63	0.35	0.56	1.650	12.38				22.41
Butter bean seed	lbs											50.0000	1.25	62.50	62.50
Other labor	hour			1.00	May							6.0000	7.50	45.00	45.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Basagran	pt											1.0000	8.71	8.71	8.71
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Orthene	lbs											0.5000	10.21	5.11	5.11
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Bravo	pt											1.5000	6.48	9.72	9.72
Orthene	lbs											0.5000	10.21	5.11	5.11
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Orthene	lbs											0.5000	10.21	5.11	5.11
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											1.0000	4.80	4.80	4.80
Benlate	lb											1.0000	16.50	16.50	16.50
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											1.0000	4.80	4.80	4.80
Benlate	lb											1.0000	16.50	16.50	16.50
Trailer small	8 ft	23	1.000	1.00	Jul	4.33	1.76	0.24	0.86	1.100	8.25				15.43
Harvest Labor	bu.			1.00	Jul							100.0000	8.00	800.00	800.00
Harvest container	each											8.0000	3.00	24.00	24.00
Bushel hampers	each											33.0000	2.25	74.25	74.25
Pickup truck	1/2 ton		1.000	5.00	Jul			27.72	23.54	5.000	37.50				88.76
Disk 2R	6 ft	43	0.570	2.00	Jul	6.77	2.92	1.40	2.00	1.254	9.40				22.50
TOTALS						64.41	26.56	39.93	40.86	20.202	151.52			1171.57	1494.85
INTEREST ON OPERATING CAPITAL															19.24
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1514.09

Table 2.B Summary of estimated costs per acre Beans (Butter), fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	61.78	1.0000	61.78	_____
FUNGICIDES	acre	42.72	1.0000	42.72	_____
HERBICIDES	acre	36.41	1.0000	36.41	_____
HIRED LABOR	acre	45.00	1.0000	45.00	_____
INSECTICIDES	acre	24.92	1.0000	24.92	_____
PACK & HARVEST ITEMS	acre	98.25	1.0000	98.25	_____
SEED	acre	62.50	1.0000	62.50	_____
HARVEST LABOR	acre	800.00	1.0000	800.00	_____
OPERATOR LABOR	hour	7.50	20.2020	151.52	_____
DIESEL FUEL	gal	1.17	7.6950	9.00	_____
GASOLINE	gal	1.43	30.0520	42.97	_____
REPAIR & MAINTENANCE	acre	52.37	1.0000	52.37	_____
INTEREST ON OP. CAP.	acre	19.24	1.0000	19.24	_____

TOTAL DIRECT EXPENSES				1446.67	_____
TOTAL FIXED EXPENSES				67.42	_____

TOTAL SPECIFIED EXPENSES				1514.09	_____

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, 2001.

Yield (Bushels)	-----Price Per Bushel-----				
	18.00	19.00	20.00	21.00	22.00
	-----Net Returns Per Acre-----				
80.00	173.36	253.36	333.36	413.36	493.36
90.00	263.36	353.36	443.36	533.36	623.36
100.00	353.36	453.36	553.36	653.36	753.36
110.00	443.36	553.36	663.36	773.36	883.36
120.00	533.36	653.36	773.36	893.36	1013.36

Table 3.A Estimated resource use and costs per acre for field operations Beans (Snap), fresh market, one-row equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	1.00	Feb	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk 2R	6 ft	43	0.570	2.00	Mar	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Treflan	pt											1.2500	3.19	3.99	3.99
Dual	pt											1.5000	8.06	12.09	12.09
Disk 2R	6 ft	43	0.570	1.00	Mar	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											400.0000	0.10	40.00	40.00
Hipper 1R	3 ft	23	1.530	2.00	Mar	13.24	5.37	1.35	1.92	3.366	25.25				47.12
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Planter 1R	3 ft	23	1.500	1.00	Mar	6.49	2.63	0.35	0.56	1.650	12.38				22.41
Snap bean seeds	lbs											40.0000	1.50	60.00	60.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Orthene	lbs											0.5000	10.21	5.11	5.11
Bravo	pt											1.5000	6.48	9.72	9.72
Other labor	hour			1.00	Apr							6.0000	7.50	45.00	45.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Basagran	pt											1.0000	8.71	8.71	8.71
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Orthene	lbs											0.5000	10.21	5.11	5.11
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											1.0000	4.80	4.80	4.80
Benlate	lb											1.0000	16.50	16.50	16.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											1.0000	4.80	4.80	4.80
Benlate	lb											1.0000	16.50	16.50	16.50
Trailer utility	10 ft	23	1.000	1.00	Jun	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Harvest labor	bu			1.00	Jun							150.0000	3.00	450.00	450.00
Harvest container	each											10.0000	3.00	30.00	30.00
Bushel hampers	each											50.0000	2.25	112.50	112.50
Pickup truck	1/2 ton		1.000	5.00	Jun			27.72	23.54	5.000	37.50				88.76
Disk 2R	6 ft	43	0.570	1.00	Jun	3.39	1.46	0.70	1.00	0.627	4.70				11.25
TOTALS						61.86	25.52	38.45	38.82	19.553	146.65		858.22	1169.52	
INTEREST ON OPERATING CAPITAL															16.51
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1186.02

Table 3.B Summary of estimated costs per acre Beans (Snap), fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	61.78	1.0000	61.78	_____
FUNGICIDES	acre	42.72	1.0000	42.72	_____
HERBICIDES	acre	36.41	1.0000	36.41	_____
HIRED LABOR	acre	45.00	1.0000	45.00	_____
INSECTICIDES	acre	19.81	1.0000	19.81	_____
PACK & HARVEST ITEMS	acre	142.50	1.0000	142.50	_____
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	1.17	7.6950	9.00	_____
GASOLINE	gal	1.43	29.1080	41.62	_____
REPAIR & MAINTENANCE	acre	49.68	1.0000	49.68	_____
INTEREST ON OP. CAP.	acre	16.51	1.0000	16.51	_____

TOTAL DIRECT EXPENSES				1121.68	_____
TOTAL FIXED EXPENSES				64.34	_____

TOTAL SPECIFIED EXPENSES				1186.02	_____

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, 2001.

Yield (Bushels)	-----Price Per Bushel-----				
	10.00	11.00	12.00	13.00	14.00
	-----Net Returns Per Acre-----				
120.00	198.32	318.32	438.32	558.32	678.32
135.00	288.32	423.32	558.32	693.32	828.32
150.00	378.32	528.32	678.32	828.32	978.32
165.00	468.32	633.32	798.32	963.32	1128.32
180.00	558.32	738.32	918.32	1098.32	1278.32

Table 4.A Estimated resource use and costs per acre for field operations Broccoli, irrigated, transplanted, fresh market, one-row equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.30	21.78	21.78
Middle buster 1R	3 ft	23	1.530	1.00	Jul	6.62	2.69	0.34	0.48	1.683	12.62				22.75
Disk 2R	6 ft	43	0.570	2.00	Jul	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Disk & herb appl 2R	6 ft	23	0.590	1.00	Jul	2.55	1.04	0.83	1.18	0.649	4.87				10.47
Treflan	pt											1.0000	3.19	3.19	3.19
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jul	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											600.0000	0.10	60.00	60.00
Hipper 1R	3 ft	23	1.530	2.00	Aug	13.24	5.37	1.35	1.92	3.366	25.25				47.12
Conditioner, row 1R	6 ft	23	0.410	1.00	Aug	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Trailer utility	10 ft	23	1.000	1.00	Aug	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Broccoli plants	100											150.0000	3.50	525.00	525.00
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	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Thiodan	lb											1.0000	6.00	6.00	6.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Sep	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33% lb												150.0000	0.08	11.70	11.70
Irrigation, furrow	acin			1.00	Sep			7.00	55.50	2.000	15.00	2.0000			77.50
Cultivator 1R	3 ft	23	1.530	1.00	Sep	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ambush	pt											0.2500	13.76	3.44	3.44
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Bravo	pt											1.5000	6.48	9.72	9.72
Irrigation, furrow	acin			1.00	Oct			7.00		2.000	15.00	2.0000			22.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Oct	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33% lb												150.0000	0.08	11.70	11.70
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ambush	pt											0.2500	13.76	3.44	3.44
Cultivate & fert 1R	3 ft	23	1.610	1.00	Nov	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33% lb												150.0000	0.08	11.70	11.70
Irrigation, furrow	acin			1.00	Nov			7.00		2.000	15.00	2.0000			22.00
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ambush	pt											0.2500	13.76	3.44	3.44
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	3.00	24.00	24.00
Packing labor	hour			1.00	Nov							8.0000	7.50	60.00	60.00
Packing boxes	each			1.00	Nov							300.0000	1.01	303.00	303.00
Ice	cwt											30.0000	2.50	75.00	75.00
Pickup truck	1/2 ton		1.000	5.00	Nov			27.72	23.54	5.000	37.50				88.76
Disk 2R	6 ft	43	0.570	1.00	Nov	3.39	1.46	0.70	1.00	0.627	4.70				11.25
TOTALS						77.85	31.84	63.92	100.69	30.085	225.64			1577.23	2077.17
INTEREST ON OPERATING CAPITAL															38.75
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2115.92

Table 4.B Summary of estimated costs per acre Broccoli, irrigated, transplanted, fresh market, one- row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	116.88	1.0000	116.88	_____
FUNGICIDES	acre	9.72	1.0000	9.72	_____
HERBICIDES	acre	14.81	1.0000	14.81	_____
HIRED LABOR	acre	202.50	1.0000	202.50	_____
INSECTICIDES	acre	16.32	1.0000	16.32	_____
PACK & HARVEST ITEMS	acre	407.00	1.0000	407.00	_____
PLANTS	acre	525.00	1.0000	525.00	_____
HARVEST LABOR	acre	285.00	1.0000	285.00	_____
OPERATOR LABOR	hour	7.50	24.0850	180.64	_____
IRRIGATION LABOR	hour	7.50	6.0000	45.00	_____
DIESEL FUEL	gal	1.17	4.6170	5.40	_____
ELECTRICITY	kWh	0.10	36.0000	3.60	_____
GASOLINE	gal	1.43	37.5240	53.66	_____
REPAIR & MAINTENANCE	acre	79.11	1.0000	79.11	_____
INTEREST ON OP. CAP.	acre	38.75	1.0000	38.75	_____

TOTAL DIRECT EXPENSES				1983.39	_____
TOTAL FIXED EXPENSES				132.53	_____

TOTAL SPECIFIED EXPENSES				2115.92	_____

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, 2001.

Yield (Boxes)	-----Price Per Box-----				
	4.75	5.75	6.75	7.75	8.75
	-----Net Returns Per Acre-----				
200.00	-830.89	-630.89	-430.89	-230.89	-30.89
250.00	-694.64	-444.64	-194.64	55.36	305.36
300.00	-558.39	-258.39	41.61	341.61	641.61
350.00	-422.14	-72.14	277.86	627.86	977.86
400.00	-285.89	114.11	514.11	914.11	1314.11

Table 5.A Estimated resource use and costs per acre for field operations Cabbage (fall), direct seeded, irrigated, fresh market, row equipment, average yield Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	2.00	Jul	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Disk & herb appl	2R 6 ft	23	0.590	1.00	Jul	2.55	1.04	0.83	1.18	0.649	4.87				10.47
Treflan	pt											1.2500	3.19	3.99	3.99
Middle buster 1R	3 ft	23	1.530	1.00	Jul	6.62	2.69	0.34	0.48	1.683	12.62				22.75
Hipper-fert dist	1R 3 ft	23	1.550	1.00	Jul	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											500.0000	0.10	50.00	50.00
Hipper 1R	3 ft	23	1.530	2.00	Aug	13.24	5.37	1.35	1.92	3.366	25.25				47.12
Conditioner, row	1R 6 ft	23	0.410	1.00	Aug	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Planter 1R	3 ft	23	1.500	1.00	Aug	6.49	2.63	0.35	0.56	1.650	12.38				22.41
Cabbage seed	lbs											1.0000	270.00	270.00	270.00
Other labor	hour			1.00	Aug							10.0000	7.50	75.00	75.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ambush	pt											0.2500	13.76	3.44	3.44
Dipel	pt											1.0000	3.40	3.40	3.40
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Sep	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate	33% lb											100.0000	0.08	7.80	7.80
Irrigation, furrow	acin			1.00	Sep			7.00	55.50	2.000	15.00	2.0000			77.50
Cultivate & fert 1R	3 ft	23	1.610	1.00	Sep	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate	33% lb											100.0000	0.08	7.80	7.80
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
Cultivate & fert 1R	3 ft	23	1.610	1.00	Oct	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate	33% lb											100.0000	0.08	7.80	7.80
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ambush	pt											0.2500	13.76	3.44	3.44
Dipel	pt											1.0000	3.40	3.40	3.40
Buffer	pt											1.0000	2.00	2.00	2.00
Irrigation, furrow	acin			1.00	Oct			7.00		2.000	15.00	2.0000			22.00
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ambush	pt											0.2500	13.76	3.44	3.44
Dipel	pt											1.0000	3.40	3.40	3.40
Buffer	pt											1.0000	2.00	2.00	2.00
Irrigation, furrow	acin			1.00	Nov			7.00		2.000	15.00	2.0000			22.00
Trailer utility	10 ft	23	1.000	2.00	Dec	8.66	3.51	0.53	1.90	2.200	16.50				31.11
Harvest labor	hour			1.00	Dec							32.0000	7.50	240.00	240.00
Packing labor	hour			1.00	Dec							11.0000	7.50	82.50	82.50
Packing sacks	each											450.0000	0.49	220.50	220.50
Pickup truck	1/2 ton		1.000	10.00	Dec			55.44	47.08	10.000	75.00				177.51
Disk 2R	6 ft	43	0.570	2.00	Dec	6.77	2.92	1.40	2.00	1.254	9.40				22.50
TOTALS						83.79	34.34	91.09	124.27	36.361	272.71			1025.31	1631.50
INTEREST ON OPERATING CAPITAL															32.29
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1663.79

Table 5.B Summary of estimated costs per acre Cabbage (fall), direct seeded, irrigated, fresh market, row equipment, average yield Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	95.18	1.0000	95.18	_____
HERBICIDES	acre	15.61	1.0000	15.61	_____
HIRED LABOR	acre	75.00	1.0000	75.00	_____
INSECTICIDES	acre	26.52	1.0000	26.52	_____
PACK & HARVEST ITEMS	acre	220.50	1.0000	220.50	_____
SEED	acre	270.00	1.0000	270.00	_____
HARVEST LABOR	acre	322.50	1.0000	322.50	_____
OPERATOR LABOR	hour	7.50	30.3610	227.71	_____
IRRIGATION LABOR	hour	7.50	6.0000	45.00	_____
DIESEL FUEL	gal	1.17	6.1560	7.20	_____
ELECTRICITY	kWh	0.10	36.0000	3.60	_____
GASOLINE	gal	1.43	50.9680	72.88	_____
REPAIR & MAINTENANCE	acre	91.19	1.0000	91.19	_____
INTEREST ON OP. CAP.	acre	32.29	1.0000	32.29	_____

TOTAL DIRECT EXPENSES				1505.18	_____
TOTAL FIXED EXPENSES				158.60	_____

TOTAL SPECIFIED EXPENSES				1663.79	_____

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, 2001.

Yield (Sacks)	-----Price Per Sack-----				
	2.25	3.25	4.25	5.25	6.25
	-----Net Returns Per Acre-----				
250.00	-707.68	-457.68	-207.68	42.32	292.32
350.00	-600.18	-250.18	99.82	449.82	799.82
450.00	-492.68	-42.68	407.32	857.32	1307.32
550.00	-385.18	164.82	714.82	1264.82	1814.82
650.00	-277.68	372.32	1022.32	1672.32	2322.32

Table 6.A Estimated resource use and costs per acre for field operations Cabbage (spring), transplant, irrigated, fresh market, equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	2.00	Jan	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Sprayer, boom	12 ft	23	0.190	1.00	Jan	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Treflan	pt											1.2500	3.19	3.99	3.99
Disk 2R	6 ft	43	0.570	1.00	Jan	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Hipper-fert dist	1R 3 ft	23	1.550	1.00	Jan	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											500.0000	0.10	50.00	50.00
Hipper 1R	3 ft	23	1.530	1.00	Jan	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Conditioner, row	1R 6 ft	23	0.410	1.00	Jan	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Trailer utility	10 ft	23	1.000	1.00	Jan	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Planting labor	hour											20.0000	7.50	150.00	150.00
Cabbage plants	100											120.0000	3.50	420.00	420.00
Irrigation, furrow	acin			1.00	Feb			7.00	55.50	2.000	15.00	2.0000			77.50
Cultivate & fert	1R 3 ft	23	1.610	1.00	Feb	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate	33% lb											100.0000	0.08	7.80	7.80
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ambush	pt											0.2500	13.76	3.44	3.44
Dipel	pt											1.0000	3.40	3.40	3.40
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert	1R 3 ft	23	1.610	1.00	Mar	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate	33% lb											100.0000	0.08	7.80	7.80
Cultivator 1R	3 ft	23	1.530	1.00	Mar	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Irrigation, furrow	acin			1.00	Mar			7.00	55.50	2.000	15.00	2.0000			22.00
Cultivate & fert	1R 3 ft	23	1.610	1.00	Apr	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate	33% lb											100.0000	0.08	7.80	7.80
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ambush	pt											0.2500	13.76	3.44	3.44
Dipel	pt											1.0000	3.40	3.40	3.40
Buffer	pt											1.0000	2.00	2.00	2.00
Pickup truck	1/2 ton		1.000	10.00	May			55.44	47.08	10.000	75.00				177.51
Trailer utility	10 ft	23	1.000	2.00	May	8.66	3.51	0.53	1.90	2.200	16.50				31.11
Harvest labor	hour			1.00	May							32.0000	7.50	240.00	240.00
Packing labor	hour			1.00	May							11.0000	7.50	82.50	82.50
Packing sacks	each											450.0000	0.49	220.50	220.50
Middle buster 1R	3 ft	23	1.530	1.00	May	6.62	2.69	0.34	0.48	1.683	12.62				22.75
Hipper 1R	3 ft	23	1.530	1.00	May	6.62	2.69	0.67	0.96	1.683	12.62				23.56
TOTALS						88.11	36.00	84.91	126.03	35.692	267.69			1229.85	1832.58
INTEREST ON OPERATING CAPITAL															37.45
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1870.03

Table 6.B Summary of estimated costs per acre Cabbage (spring hybrid), transplant, irrigated, fresh market, equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	95.18	1.0000	95.18	_____
HERBICIDES	acre	3.99	1.0000	3.99	_____
HIRED LABOR	acre	150.00	1.0000	150.00	_____
INSECTICIDES	acre	17.68	1.0000	17.68	_____
PACK & HARVEST ITEMS	acre	220.50	1.0000	220.50	_____
PLANTS	acre	420.00	1.0000	420.00	_____
HARVEST LABOR	acre	322.50	1.0000	322.50	_____
OPERATOR LABOR	hour	7.50	31.6920	237.69	_____
IRRIGATION LABOR	hour	7.50	4.0000	30.00	_____
DIESEL FUEL	gal	1.17	4.6170	5.40	_____
ELECTRICITY	kWh	0.10	24.0000	2.40	_____
GASOLINE	gal	1.43	53.8160	76.96	_____
REPAIR & MAINTENANCE	acre	88.25	1.0000	88.25	_____
INTEREST ON OP. CAP.	acre	37.45	1.0000	37.45	_____

TOTAL DIRECT EXPENSES				1708.00	_____
TOTAL FIXED EXPENSES				162.03	_____

TOTAL SPECIFIED EXPENSES				1870.03	_____

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, 2001.

Yield (Sacks)	-----Price Per Sack-----				
	2.75	3.75	4.75	5.75	6.75
	-----Net Returns Per Acre-----				
250.00	-774.25	-524.25	-274.25	-24.25	225.75
350.00	-622.38	-272.38	77.63	427.63	777.63
450.00	-470.50	-20.50	429.50	879.50	1329.50
550.00	-318.63	231.38	781.38	1331.38	1881.38
650.00	-166.75	483.25	1133.25	1783.25	2433.25

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, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Line (spread)	cwt			1.00	Jan							6.6000	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	1.00	Jan	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk 2R	6 ft	43	0.570	2.00	Mar	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											500.0000	0.10	50.00	50.00
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Planter 1R	3 ft	23	1.500	1.00	Apr	6.49	2.63	0.35	0.56	1.650	12.38				22.41
Cantaloupe seed	lbs											2.0000	360.00	720.00	720.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Curbit	pt											3.0000	4.07	12.21	12.21
Irrigation, furrow	acin			1.00	Apr			7.00	55.50	2.000	15.00	2.0000			77.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Thiodan	lb											0.5000	6.00	3.00	3.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33%	lb											100.0000	0.08	7.80	7.80
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	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											0.6000	4.80	2.88	2.88
Bravo	pt											1.5000	6.48	9.72	9.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Quadris	pt											0.7000	37.00	25.90	25.90
Other labor	hour			1.00	May							8.0000	7.50	60.00	60.00
Irrigation, furrow	acin			1.00	May			7.00		2.000	15.00	2.0000			22.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Quadris	pt											0.7000	37.00	25.90	25.90
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Bravo	pt											2.5000	6.48	16.20	16.20
Benlate	lb											0.5000	16.50	8.25	8.25
Sevin	lbs											0.6000	4.80	2.88	2.88
Irrigation, furrow	acin			1.00	Jun			7.00		2.000	15.00	2.0000			22.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Bravo	pt											1.5000	6.48	9.72	9.72
Sevin	lbs											0.6000	4.80	2.88	2.88
Harvest labor	hour			1.00	Jul							50.0000	7.50	375.00	375.00
Harvest container	each											8.0000	3.00	24.00	24.00
Pickup truck	1/2 ton		1.000	10.00	Jul			55.44	47.08	10.000	75.00				177.51
Shredder 1R	5 ft	23	0.740	1.00	Jul	3.20	1.30	0.36	0.93	0.814	6.11				11.89
Middle buster 1R	3 ft	23	1.530	1.00	Jul	6.62	2.69	0.34	0.48	1.683	12.62				22.75
TOTALS						55.13	22.62	86.54	116.71	29.310	219.83			1389.74	1890.57
INTEREST ON OPERATING CAPITAL															38.98
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1929.56

Table 7.B Summary of estimated costs per acre, Cantaloupes, hybrid, irrigated, local fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	79.58	1.0000	79.58	_____
FUNGICIDES	acre	95.69	1.0000	95.69	_____
HERBICIDES	acre	23.83	1.0000	23.83	_____
HIRED LABOR	acre	60.00	1.0000	60.00	_____
INSECTICIDES	acre	11.64	1.0000	11.64	_____
PACK & HARVEST ITEMS	acre	24.00	1.0000	24.00	_____
SEED	acre	720.00	1.0000	720.00	_____
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	1.17	4.6170	5.40	_____
ELECTRICITY	kWh	0.10	36.0000	3.60	_____
GASOLINE	gal	1.43	41.6240	59.52	_____
REPAIR & MAINTENANCE	acre	73.15	1.0000	73.15	_____
INTEREST ON OP. CAP.	acre	38.98	1.0000	38.98	_____

TOTAL DIRECT EXPENSES				1790.22	_____
TOTAL FIXED EXPENSES				139.34	_____

TOTAL SPECIFIED EXPENSES				1929.56	_____

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, 2001.

Yield (melons)	-----Price Per Melon-----				
	.75	1.00	1.25	1.50	1.75
	-----Net Returns Per Acre-----				
1500.00	-440.22	-65.22	309.78	684.78	1059.78
2000.00	-177.72	322.28	822.28	1322.28	1822.28
2500.00	84.78	709.78	1334.78	1959.78	2584.78
3000.00	347.28	1097.28	1847.28	2597.28	3347.28
3500.00	609.78	1484.78	2359.78	3234.78	4109.78

Table 8.A Estimated resource use and costs per acre for field operations Cauliflower, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	1.00	Jul	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk 2R	6 ft	43	0.570	1.00	Aug	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk & herb appl 2R	6 ft	23	0.590	1.00	Aug	2.55	1.04	0.83	1.18	0.649	4.87				10.47
Treflan	pt											1.2500	3.19	3.99	3.99
Hipper 1R	3 ft	23	1.530	1.00	Aug	6.62	2.69	0.67	0.96	1.683	12.62				23.56
13-13-13	lb											800.0000	0.10	80.00	80.00
Hipper 1R	3 ft	23	1.530	1.00	Aug	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Trailer utility	10 ft	23	1.000	1.00	Aug	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Planting labor	hour											20.0000	7.50	150.00	150.00
Cauliflower plants	100											85.0000	3.70	314.50	314.50
Irrigation, furrow	acin			1.00	Aug			7.00	55.50	2.000	15.00	2.0000			77.50
Other labor	hour			1.00	Aug							4.0000	7.50	30.00	30.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ambush	pt											0.2500	13.76	3.44	3.44
Dipel	pt											1.0000	3.40	3.40	3.40
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Irrigation, furrow	acin			1.00	Sep			7.00		2.000	15.00	2.0000			22.00
Cultivator 1R	3 ft	23	1.530	1.00	Oct	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ambush	pt											0.2500	13.76	3.44	3.44
Dipel	pt											1.0000	3.40	3.40	3.40
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Oct	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Irrigation, furrow	acin			1.00	Oct			7.00		2.000	15.00	2.0000			22.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
Blanching labor	hour			1.00	Nov							15.0000	7.50	112.50	112.50
Trailer utility	10 ft	23	1.000	2.00	Nov	8.66	3.51	0.53	1.90	2.200	16.50				31.11
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	1.01	303.00	303.00
Pickup truck	1/2 ton		1.000	10.00	Nov			55.44	47.08	10.000	75.00				177.51
Disk 2R	6 ft	43	0.570	1.00	Nov	3.39	1.46	0.70	1.00	0.627	4.70				11.25
TOTALS						61.27	25.12	86.34	118.11	30.872	231.54			1352.57	1874.95
INTEREST ON OPERATING CAPITAL															30.46
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1905.42

Table 8.B Summary of estimated costs per acre Cauliflower, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	101.78	1.0000	101.78	_____
HERBICIDES	acre	15.61	1.0000	15.61	_____
HIRED LABOR	acre	292.50	1.0000	292.50	_____
INSECTICIDES	acre	17.68	1.0000	17.68	_____
PACK & HARVEST ITEMS	acre	303.00	1.0000	303.00	_____
PLANTS	acre	314.50	1.0000	314.50	_____
HARVEST LABOR	acre	307.50	1.0000	307.50	_____
OPERATOR LABOR	hour	7.50	24.8720	186.54	_____
IRRIGATION LABOR	hour	7.50	6.0000	45.00	_____
DIESEL FUEL	gal	1.17	4.6170	5.40	_____
ELECTRICITY	kWh	0.10	36.0000	3.60	_____
GASOLINE	gal	1.43	43.8960	62.77	_____
REPAIR & MAINTENANCE	acre	75.84	1.0000	75.84	_____
INTEREST ON OP. CAP.	acre	30.46	1.0000	30.46	_____

TOTAL DIRECT EXPENSES				1762.19	_____
TOTAL FIXED EXPENSES				143.23	_____

TOTAL SPECIFIED EXPENSES				1905.42	_____

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, 2001.

Yield (Boxes)	-----Price Per Box-----				
	6.00	7.00	8.00	9.00	10.00
	-----Net Returns Per Acre-----				
220.00	-286.76	-66.76	153.24	373.24	593.24
260.00	-124.48	135.52	395.52	655.52	915.52
300.00	37.81	337.81	637.81	937.81	1237.81
340.00	200.10	540.10	880.10	1220.10	1560.10
380.00	362.38	742.38	1122.38	1502.38	1882.38

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, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	1.00	Feb	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Fertilizer buggy	30 ft	93	0.060	1.00	Mar	0.32	0.44		0.33	0.066	0.50				1.58
13-13-13	lb											750.0000	0.10	75.00	75.00
Disk 2R	6 ft	43	0.570	2.00	Mar	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Planter & herb 1R	3 ft	23	1.530	1.00	Mar	6.62	2.69	0.65	1.05	1.683	12.62				23.63
Sweet corn seed	lbs											12.0000	4.50	54.00	54.00
Furadan	qts											1.0000	16.80	16.80	16.80
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Lasso	pt											6.0000	2.80	16.80	16.80
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33% lb												150.0000	0.08	11.70	11.70
Irrigation, furrow	acin			1.00	Apr			7.00	55.50	2.000	15.00	2.0000			77.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Anbush	pt											0.5600	13.76	7.71	7.71
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Anbush	pt											0.5600	13.76	7.71	7.71
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33% lb												150.0000	0.08	11.70	11.70
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Anbush	pt											0.5600	13.76	7.71	7.71
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Anbush	pt											0.5600	13.76	7.71	7.71
Irrigation, furrow	acin			1.00	May			7.00		2.000	15.00	2.0000			22.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Anbush	pt											0.5600	13.76	7.71	7.71
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Anbush	pt											0.5600	13.76	7.71	7.71
Trailer utility	10 ft	23	1.000	1.00	Jun	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Packing sacks	each			1.00	Jun							130.0000	0.49	63.70	63.70
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			69.85	59.31	12.600	94.50				223.67
Shredder 1R	5 ft	23	0.740	1.00	Jun	3.20	1.30	0.36	0.93	0.814	6.11				11.89
Disk 2R	6 ft	43	0.570	1.00	Jul	3.39	1.46	0.70	1.00	0.627	4.70				11.25
TOTALS						62.73	26.10	95.59	132.33	31.593	236.95			542.71	1096.42
INTEREST ON OPERATING CAPITAL															15.86
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1112.27

Table 9.B Summary of estimated costs per acre Corn (Sweet), hybrid, fresh market, irrigated, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	120.18	1.0000	120.18	_____
HERBICIDES	acre	16.80	1.0000	16.80	_____
INSECTICIDES	acre	63.03	1.0000	63.03	_____
PACK & HARVEST ITEMS	acre	63.70	1.0000	63.70	_____
SEED	acre	54.00	1.0000	54.00	_____
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	1.17	6.1560	7.20	_____
ELECTRICITY	kWh	0.10	24.0000	2.40	_____
GASOLINE	gal	1.43	49.5640	70.88	_____
REPAIR & MAINTENANCE	acre	77.85	1.0000	77.85	_____
INTEREST ON OP. CAP.	acre	15.86	1.0000	15.86	_____

TOTAL DIRECT EXPENSES				953.84	_____
TOTAL FIXED EXPENSES				158.43	_____

TOTAL SPECIFIED EXPENSES				1112.27	_____

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, 2001.

Yield (Dozen)	-----Price Per Dozen-----				
	1.50	1.75	2.00	2.25	2.50
	-----Net Returns Per Acre-----				
450.00	-215.09	-102.59	9.91	122.41	234.91
525.00	-134.47	-3.22	128.04	259.29	390.54
600.00	-53.84	96.16	246.16	396.16	546.16
675.00	26.79	195.54	364.29	533.04	701.79
750.00	107.41	294.91	482.41	669.91	857.41

Table 10.A Estimated resource use and costs per acre for field operations Cucumber, hybrid, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	1.00	Jan	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk 2R	6 ft	43	0.570	2.00	Mar	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Middle buster 1R	3 ft	23	1.530	1.00	Mar	6.62	2.69	0.34	0.48	1.683	12.62				22.75
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											500.0000	0.10	50.00	50.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Planter 1R	3 ft	23	1.500	1.00	Apr	6.49	2.63	0.35	0.56	1.650	12.38				22.41
Cucumber seed/pickle	lbs											1.0000	48.00	48.00	48.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Curbit	pt											3.0000	4.07	12.21	12.21
Irrigation, furrow	acin			1.00	Apr			7.00	55.50	2.000	15.00	2.0000			77.50
Other labor	hour			1.00	Apr							10.0000	7.50	75.00	75.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Thiodan	lb											0.5000	6.00	3.00	3.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate	33% lb											100.0000	0.08	7.80	7.80
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Quadris	pt											0.7000	37.00	25.90	25.90
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Quadris	pt											0.7000	37.00	25.90	25.90
Irrigation, furrow	acin			1.00	May			7.00		2.000	15.00	2.0000			22.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											0.6000	4.80	2.88	2.88
Bravo	pt											1.5000	6.48	9.72	9.72
Other labor	hour			1.00	May							8.0000	7.50	60.00	60.00
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Irrigation, furrow	acin			1.00	May			7.00		2.000	15.00	2.0000			22.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											0.6000	4.80	2.88	2.88
Bravo	pt											1.5000	6.48	9.72	9.72
Benlate	lb											0.5000	16.50	8.25	8.25
Irrigation, furrow	acin			1.00	Jun			7.00		2.000	15.00	2.0000			22.00
Harvest labor	bu			1.00	Jun							300.0000	1.00	300.00	300.00
Harvest container	each			1.00	Jun							8.0000	3.00	24.00	24.00
Packing labor	hour			1.00	Jun							30.0000	7.50	225.00	225.00
Packing boxes	each			1.00	Jun							300.0000	1.01	303.00	303.00
Pickup truck	1/2 ton		1.000	10.00	Jun			55.44	47.08	10.000	75.00				177.51
Shredder 1R	5 ft	23	0.740	1.00	Jun	3.20	1.30	0.36	0.93	0.814	6.11				11.89
Disk 2R	6 ft	43	0.570	2.00	Jul	6.77	2.92	1.40	2.00	1.254	9.40				22.50
TOTALS						67.70	27.89	95.70	119.87	34.038	255.29			1226.66	1793.10
INTEREST ON OPERATING CAPITAL															22.92
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1816.03

Table 10.B Summary of estimated costs per acre Cucumber, hybrid, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	79.58	1.0000	79.58	_____
FUNGICIDES	acre	79.49	1.0000	79.49	_____
HERBICIDES	acre	23.83	1.0000	23.83	_____
HIRED LABOR	acre	135.00	1.0000	135.00	_____
INSECTICIDES	acre	8.76	1.0000	8.76	_____
PACK & HARVEST ITEMS	acre	327.00	1.0000	327.00	_____
SEED	acre	48.00	1.0000	48.00	_____
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	1.17	7.6950	9.00	_____
ELECTRICITY	kWh	0.10	48.0000	4.80	_____
GASOLINE	gal	1.43	43.7680	62.59	_____
REPAIR & MAINTENANCE	acre	87.00	1.0000	87.00	_____
INTEREST ON OP. CAP.	acre	22.92	1.0000	22.92	_____

TOTAL DIRECT EXPENSES				1668.27	_____
TOTAL FIXED EXPENSES				147.76	_____

TOTAL SPECIFIED EXPENSES				1816.03	_____

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, 2001.

Yield (Bushels)	-----Price Per Bushel-----				
	4.50	5.50	6.50	7.50	8.50
	-----Net Returns Per Acre-----				
200.00	-558.27	-358.27	-158.27	41.73	241.73
250.00	-438.27	-188.27	61.73	311.73	561.73
300.00	-318.27	-18.27	281.73	581.73	881.73
350.00	-198.27	151.73	501.73	851.73	1201.73
400.00	-78.27	321.73	721.73	1121.73	1521.73

Table 11.A Estimated resource use and costs per acre for field operations, Eggplant, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2001.

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-----			
Line (spread)	cwt			1.00	Jan							6.6000	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	1.00	Jan	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk 2R	6 ft	43	0.570	2.00	Mar	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											600.0000	0.10	60.00	60.00
Hipper 1R	3 ft	23	1.530	2.00	Mar	13.24	5.37	1.35	1.92	3.366	25.25				47.12
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Plastic layer	5 ft	23	1.500	1.00	Mar	6.49	2.63	2.16	4.51	4.650	34.88				50.67
Plastic	roll											5.0000	64.00	320.00	320.00
Transplanter vegtabl	1 row	23	4.000	1.00	Mar	17.31	7.02	1.25	3.26	16.400	123.00				151.84
Eggplant plants	100											80.0000	4.25	340.00	340.00
Irrigation, furrow	acin			1.00	Mar			3.50	55.50	1.000	7.50	1.0000			66.50
Cultivator 2R	6 ft	43	0.570	1.00	Mar	3.39	1.46	0.88	1.25	0.627	4.70				11.68
Other labor	hour			1.00	Apr							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Malathion	pt											1.0000	2.63	2.63	2.63
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate	33% lb											75.0000	0.08	5.85	5.85
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Malathion	pt											1.0000	2.63	2.63	2.63
Buffer	pt											1.0000	2.00	2.00	2.00
Irrigation, furrow	acin			1.00	Apr			3.50		1.000	7.50	1.0000			11.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ambush	pt											0.8000	13.76	11.01	11.01
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate	33% lb											75.0000	0.08	5.85	5.85
Irrigation, furrow	acin			1.00	May			3.50		1.000	7.50	1.0000			11.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Malathion	pt											1.0000	2.63	2.63	2.63
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ambush	pt											0.8000	13.76	11.01	11.01
Buffer	pt											1.0000	2.00	2.00	2.00
Harvest labor	hour			1.00	Jun							40.0000	7.50	300.00	300.00
Packing labor	hour											20.0000	7.50	150.00	150.00
Harvest container	each											8.0000	3.00	24.00	24.00
Packing boxes	each											175.0000	1.01	176.75	176.75
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate	33% lb											75.0000	0.08	5.85	5.85
Irrigation, furrow	acin			1.00	Jul			3.50		1.000	7.50	1.0000			11.00
Harvest labor	hour			1.00	Aug							40.0000	7.50	300.00	300.00
Packing boxes	each											175.0000	1.01	176.75	176.75
Packing labor	hour											20.0000	7.50	150.00	150.00
Pickup truck	1/2 ton		1.000	4.70	Aug			26.06	22.13	4.700	35.25				83.43
Coulter	1 row	23	1.500	1.00	Sep	6.49	2.63	0.64	0.94	1.650	12.38				23.08
Other labor	hour											15.0000	7.50	112.50	112.50
Shredder 1R	5 ft	23	0.740	1.00	Sep	3.20	1.30	0.36	0.93	0.814	6.11				11.89
Pickup truck	1/2 ton		1.000	1.00	Sep			5.54	4.71	1.000	7.50				17.75
Middle buster 1R	3 ft	23	1.530	1.00	Sep	6.62	2.69	0.34	0.48	1.683	12.62				22.75
Disk 2R	6 ft	43	0.570	1.00	Sep	3.39	1.46	0.70	1.00	0.627	4.70				11.25
TOTALS							104.62	42.87	64.34	111.82	50.121	375.91		2238.36	2937.91
INTEREST ON OPERATING CAPITAL															94.81
TOTAL SPECIFIED COST															3032.72

Table 11.B Summary of estimated costs per acre Eggplant, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	99.33	1.0000	99.33	_____
HERBICIDES	acre	11.62	1.0000	11.62	_____
HIRED LABOR	acre	150.00	1.0000	150.00	_____
INSECTICIDES	acre	39.91	1.0000	39.91	_____
PACK & HARVEST ITEMS	acre	377.50	1.0000	377.50	_____
PLASTIC	acre	320.00	1.0000	320.00	_____
PLANTS	acre	340.00	1.0000	340.00	_____
HARVEST LABOR	acre	900.00	1.0000	900.00	_____
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	1.17	7.6950	9.00	_____
ELECTRICITY	kWh	0.10	24.0000	2.40	_____
GASOLINE	gal	1.43	46.6660	66.73	_____
REPAIR & MAINTENANCE	acre	90.82	1.0000	90.82	_____
INTEREST ON OP. CAP.	acre	94.81	1.0000	94.81	_____

TOTAL DIRECT EXPENSES				2878.04	_____
TOTAL FIXED EXPENSES				154.69	_____

TOTAL SPECIFIED EXPENSES				3032.72	_____

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, 2001.

Yield (Boxes)	-----Price Per Box-----				
	5.75	6.75	7.75	8.75	9.75
	-----Net Returns Per Acre-----				
300.00	-753.04	-453.04	-153.04	146.96	446.96
375.00	-521.79	-146.79	228.21	603.21	978.21
450.00	-290.54	159.46	609.46	1059.46	1509.46
525.00	-59.29	465.71	990.71	1515.71	2040.71
600.00	171.96	771.96	1371.96	1971.96	2571.96

Table 12.A Estimated resource use and costs per acre for field operations Greens (Mustard), fresh market, one-row equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Disk & herb appl 2R	6 ft	23	0.590	1.00	Aug	2.55	1.04	0.83	1.18	0.649	4.87				10.47
Treflan	pt											1.2500	3.19	3.99	3.99
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Aug	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											300.0000	0.10	30.00	30.00
Hipper 1R	3 ft	23	1.530	2.00	Aug	13.24	5.37	1.35	1.92	3.366	25.25				47.12
Conditioner, row 1R	6 ft	23	0.410	1.00	Aug	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Planter 1R	3 ft	23	1.500	1.00	Aug	6.49	2.63	0.35	0.56	1.650	12.38				22.41
Mustard seed	lbs											2.5000	3.50	8.75	8.75
Cultivator 1R	3 ft	23	1.530	1.00	Sep	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Malathion	pt											1.0000	2.63	2.63	2.63
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Sep	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33%	lb											100.0000	0.08	7.80	7.80
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Malathion	pt											1.0000	2.63	2.63	2.63
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Malathion	pt											1.0000	2.63	2.63	2.63
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Malathion	pt											1.0000	2.63	2.63	2.63
Buffer	pt											1.0000	2.00	2.00	2.00
Harvest labor	doz			1.00	Oct							600.0000	1.50	900.00	900.00
Harvest container	each											8.0000	3.00	24.00	24.00
Packing crates	each			1.00	Oct							300.0000	1.08	324.00	324.00
String	lbs											6.0000	2.00	12.00	12.00
Pickup truck	1/2 ton		1.000	10.00	Oct			55.44	47.08	10.000	75.00				177.51
Disk 2R	6 ft	43	0.570	1.00	Oct	3.39	1.46	0.70	1.00	0.627	4.70				11.25
TOTALS						65.26	26.73	67.93	64.46	25.884	194.13			1340.68	1759.18
INTEREST ON OPERATING CAPITAL															15.76
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1774.94

Table 12.B Summary of estimated costs per acre Greens (Mistard), fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	37.80	1.0000	37.80	_____
HERBICIDES	acre	15.61	1.0000	15.61	_____
INSECTICIDES	acre	18.52	1.0000	18.52	_____
PACK & HARVEST ITEMS	acre	348.00	1.0000	348.00	_____
SEED	acre	8.75	1.0000	8.75	_____
STAKES & TWINE	acre	12.00	1.0000	12.00	_____
HARVEST LABOR	acre	900.00	1.0000	900.00	_____
OPERATOR LABOR	hour	7.50	25.8840	194.13	_____
DIESEL FUEL	gal	1.17	4.6170	5.40	_____
GASOLINE	gal	1.43	45.3680	64.88	_____
REPAIR & MAINTENANCE	acre	62.90	1.0000	62.90	_____
INTEREST ON OP. CAP.	acre	15.76	1.0000	15.76	_____

TOTAL DIRECT EXPENSES				1683.75	_____
TOTAL FIXED EXPENSES				91.19	_____

TOTAL SPECIFIED EXPENSES				1774.94	_____

Table 12C. Effects of yields and prices on net returns per acre above total direct expenses, Greens (Mistard), fresh market, one-row equipment, average yield, Louisiana, 2001.

Yield (Doz Bunches)	-----Price Per Dozen Bunches-----				
	3.00	3.50	4.00	4.50	5.00
	-----Net Returns Per Acre-----				
300.00	-261.75	-111.75	38.25	188.25	338.25
450.00	-72.75	152.25	377.25	602.25	827.25
600.00	116.25	416.25	716.25	1016.25	1316.25
750.00	305.25	680.25	1055.25	1430.25	1805.25
900.00	494.25	944.25	1394.25	1844.25	2294.25

Table 13.A Estimated resource use and costs per acre for field operations Okra, fresh market, one-row equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	1.00	Mar	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk 2R	6 ft	43	0.570	1.00	Apr	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk & herb appl	2R 6 ft	23	0.590	1.00	Apr	2.55	1.04	0.83	1.18	0.649	4.87				10.47
Treflan	pt											1.5000	3.19	4.79	4.79
Hipper-fert dist	1R 3 ft	23	1.550	1.00	Apr	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											300.0000	0.10	30.00	30.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Conditioner, row	1R 6 ft	23	0.410	1.00	Apr	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Planter 1R	3 ft	23	1.500	1.00	Apr	6.49	2.63	0.35	0.56	1.650	12.38				22.41
Okra seed	lbs											6.0000	2.25	13.50	13.50
Other labor	hour			1.00	Apr							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											1.2500	4.80	6.00	6.00
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Other labor	hour			1.00	May							24.0000	7.50	180.00	180.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											1.2500	4.80	6.00	6.00
Cultivate & fert	1R 3 ft	23	1.610	1.00	Jun	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate	33% lb											60.0000	0.08	4.68	4.68
Harvest labor	bu			1.00	Jul							120.0000	5.00	600.00	600.00
Packing labor	hour											7.0000	7.50	52.50	52.50
Packing boxes	each											40.0000	1.01	40.40	40.40
Pickup truck	1/2 ton		1.000	3.00	Jul			16.63	14.12	3.000	22.50				53.25
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											1.2500	4.80	6.00	6.00
Harvest labor	bu			1.00	Aug							120.0000	5.00	600.00	600.00
Packing labor	hour											7.0000	7.50	52.50	52.50
Harvest sacks	each											94.0000	0.28	26.32	26.32
Packing boxes	each											40.0000	1.01	40.40	40.40
Pickup truck	1/2 ton		1.000	3.00	Aug			16.63	14.12	3.000	22.50				53.25
Shredder 1R	5 ft	23	0.740	1.00	Sep	3.20	1.30	0.36	0.93	0.814	6.11				11.89
Middle buster 1R	3 ft	23	1.530	1.00	Sep	6.62	2.69	0.34	0.48	1.683	12.62				22.75
Disk 2R	6 ft	43	0.570	1.00	Sep	3.39	1.46	0.70	1.00	0.627	4.70				11.25
TOTALS						60.19	24.68	43.90	43.60	20.597	154.48			1722.37	2049.21
INTEREST ON OPERATING CAPITAL															46.43
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2095.64

Table 13.B Summary of estimated costs per acre Okra, fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	56.46	1.0000	56.46	_____
HERBICIDES	acre	4.79	1.0000	4.79	_____
HIRED LABOR	acre	217.50	1.0000	217.50	_____
INSECTICIDES	acre	18.00	1.0000	18.00	_____
PACK & HARVEST ITEMS	acre	107.12	1.0000	107.12	_____
SEED	acre	13.50	1.0000	13.50	_____
HARVEST LABOR	acre	1305.00	1.0000	1305.00	_____
OPERATOR LABOR	hour	7.50	20.5970	154.48	_____
DIESEL FUEL	gal	1.17	4.6170	5.40	_____
GASOLINE	gal	1.43	33.4960	47.90	_____
REPAIR & MAINTENANCE	acre	50.79	1.0000	50.79	_____
INTEREST ON OP. CAP.	acre	46.43	1.0000	46.43	_____

TOTAL DIRECT EXPENSES				2027.37	_____
TOTAL FIXED EXPENSES				68.28	_____

TOTAL SPECIFIED EXPENSES				2095.64	_____

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, 2001.

Yield (Bushels)	-----Price Per Bushel-----				
	11.00	13.00	15.00	17.00	19.00
	-----Net Returns Per Acre-----				
200.00	412.63	812.63	1212.63	1612.63	2012.63
220.00	512.63	952.63	1392.63	1832.63	2272.63
240.00	612.63	1092.63	1572.63	2052.63	2532.63
260.00	712.63	1232.63	1752.63	2272.63	2792.63
280.00	812.63	1372.63	1932.63	2492.63	3052.63

Table 14.A Estimated resource use and costs per acre for field operations Peas (Southern), nonvining, fresh market, one-row equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	1.00	Feb	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk 2R	6 ft	43	0.570	2.00	Apr	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	2.55	1.04	0.83	1.18	0.649	4.87				10.47
Treflan	pt											1.2500	3.19	3.99	3.99
Dual	pt											1.5000	8.06	12.09	12.09
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											300.0000	0.10	30.00	30.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Planter 1R	3 ft	23	1.500	1.00	Apr	6.49	2.63	0.35	0.56	1.650	12.38				22.41
Southern pea seed	lbs											30.0000	1.60	48.00	48.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Thiodan	lb											1.0000	6.00	6.00	6.00
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Other labor	hour			1.00	May							10.0000	7.50	75.00	75.00
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											1.2500	4.80	6.00	6.00
Cultivator 1R	3 ft	23	1.530	1.00	Jun	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Thiodan	lb											1.0000	6.00	6.00	6.00
Harvest labor	bu			1.00	Jul							100.0000	5.00	500.00	500.00
Harvest container	each											8.0000	3.00	24.00	24.00
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			16.63	14.12	3.000	22.50				53.25
Disk 2R	6 ft	43	0.570	1.00	Jul	3.39	1.46	0.70	1.00	0.627	4.70				11.25
TOTALS						60.85	25.03	28.46	30.66	17.531	131.48			850.23	1126.72
INTEREST ON OPERATING CAPITAL															15.86
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1142.58

Table 14.B Summary of estimated costs per acre Peas (Southern), nonvining, fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	51.78	1.0000	51.78	_____
HERBICIDES	acre	27.70	1.0000	27.70	_____
HIRED LABOR	acre	75.00	1.0000	75.00	_____
INSECTICIDES	acre	18.00	1.0000	18.00	_____
PACK & HARVEST ITEMS	acre	84.75	1.0000	84.75	_____
SEED	acre	48.00	1.0000	48.00	_____
HARVEST LABOR	acre	545.00	1.0000	545.00	_____
OPERATOR LABOR	hour	7.50	17.5310	131.48	_____
DIESEL FUEL	gal	1.17	6.1560	7.20	_____
GASOLINE	gal	1.43	24.9880	35.73	_____
REPAIR & MAINTENANCE	acre	46.38	1.0000	46.38	_____
INTEREST ON OP. CAP.	acre	15.86	1.0000	15.86	_____

TOTAL DIRECT EXPENSES				1086.89	_____
TOTAL FIXED EXPENSES				55.69	_____

TOTAL SPECIFIED EXPENSES				1142.58	_____

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, 2001.

Yield (Bushels)	-----Price Per Bushel-----				
	11.00	13.00	15.00	17.00	19.00
	-----Net Returns Per Acre-----				
70.00	-216.00	-76.00	64.00	204.00	344.00
85.00	-101.45	68.56	238.56	408.56	578.56
100.00	13.11	213.11	413.11	613.11	813.11
115.00	127.67	357.67	587.67	817.67	1047.67
130.00	242.22	502.22	762.22	1022.22	1282.22

Table 15.A Estimated resource use and costs per acre for field operations, Peppers (Bell), irrigated, fresh market, one-row equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Line (spread)	cwt			1.00	Sep							6.6000	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	1.00	Sep	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk 2R	6 ft	43	0.570	1.00	Oct	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Hipper-fert dist 1R 13-13-13	3 ft lb	23	1.550	1.00	Oct	6.71	2.72	1.82	2.59	1.705	12.79	900.0000	0.10	90.00	90.00
Hipper 1R	3 ft	23	1.530	1.00	Oct	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Conditioner, row 1R	6 ft	23	0.410	1.00	Oct	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Plastic & fumigation Plastic	5 ft roll	23	1.500	1.00	Oct	6.49	2.63	2.39	4.98	4.650	34.88	5.0000	64.00	320.00	320.00
Methyl bromide Sprayer, boom	lbs 12 ft	23	0.190	1.00	Mar	0.82	0.33	0.26	0.28	0.209	1.57	150.0000	1.95	292.50	292.50
Gramoxone Surfactant	pt pt											2.0000	3.80	7.60	7.60
												1.0000	2.00	2.00	2.00
Trailer utility Pepper plants	10 ft 100	23	1.000	1.00	Mar	4.33	1.76	0.27	0.95	1.100	8.25	80.0000	6.85	548.00	548.00
Planting labor	hour											33.0000	7.50	247.50	247.50
Irrigation, furrow Other labor	acin hour			1.00	Mar				3.50	55.50	1.000	1.0000			66.50
				1.00	Mar							5.0000	7.50	37.50	37.50
Sprayer, boom Orthene	12 ft lbs	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57	0.6700	10.21	6.84	6.84
Cultivate & fert 1R CaNO3, regular	3 ft lb	23	1.610	1.00	Apr	6.97	2.83	1.77	2.52	1.771	13.28	60.0000	0.23	13.80	13.80
Sprayer, boom Sevin	12 ft lbs	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57	1.2500	4.80	6.00	6.00
Kocide	lb											2.0000	3.46	6.92	6.92
Manzate	lb											1.0000	2.70	2.70	2.70
Irrigation, furrow Sprayer, boom	acin 12 ft	23	0.190	1.00	Apr May	0.82	0.33	0.26	0.28	0.209	1.57	1.0000			11.00
Sevin	lbs											1.2500	4.80	6.00	6.00
Kocide	lb											2.0000	3.46	6.92	6.92
Manzate	lb											1.0000	2.70	2.70	2.70
Cultivate & herb 1R Gramoxone	3 ft pt	23	1.830	1.00	May	7.92	3.21	2.01	2.86	2.013	15.10	1.5000	3.80	5.70	5.70
Surfactant	pt											0.3000	2.00	0.60	0.60
Sprayer, boom Malathion	12 ft pt	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57	1.0000	2.63	2.63	2.63
Kocide	lb											2.0000	3.46	6.92	6.92
Cultivate & fert 1R CaNO3, regular	3 ft lb	23	1.610	1.00	May	6.97	2.83	1.77	2.52	1.771	13.28	60.0000	0.23	13.80	13.80
Irrigation, furrow Sprayer, boom	acin 12 ft	23	0.190	1.00	May Jun	0.82	0.33	0.26	0.28	0.209	1.57	1.0000			11.00
Ridomil Gold	pt											1.0000	83.62	83.62	83.62
Other labor	hour			1.00	Jun							5.0000	7.50	37.50	37.50
Sprayer, boom Malathion	12 ft pt	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57	1.0000	2.63	2.63	2.63
Trailer utility Harvest labor	10 ft bu	23	1.000	1.00	Jul	4.33	1.76	0.27	0.95	1.100	8.25	600.0000	0.70	420.00	420.00
Harvest container	each											8.0000	3.00	24.00	24.00
Other labor	hour											8.0000	7.50	60.00	60.00
Packing labor	hour											45.0000	7.50	337.50	337.50
Packing boxes	each											600.0000	1.01	606.00	606.00
Pack line/wet/small Pickup truck	acre 1/2 ton		1.000	4.70	Jul			2.53	12.52			1.0000			15.05
Shredder 1R	5 ft	23	0.740	1.00	Jul	3.20	1.30	0.36	0.93	0.814	6.11				11.89
Coulter Other labor	1 row hour	23	1.500	1.00	Jul	6.49	2.63	0.64	0.94	1.650	12.38	15.0000	7.50	112.50	112.50
Pickup truck	1/2 ton		1.000	1.00	Jul			5.54	4.71	1.000	7.50				17.75
Disk 2R	6 ft	43	0.570	2.00	Jul	6.77	2.92	1.40	2.00	1.254	9.40				22.50
TOTALS						81.11	33.25	61.49	121.39	31.379	235.34			3332.16	3864.74
INTEREST ON OPERATING CAPITAL															114.58
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3979.32

Table 15.B Summary of estimated costs per acre Peppers (Bell), irrigated, fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	139.38	1.0000	139.38	_____
FUNGICIDES	acre	109.78	1.0000	109.78	_____
HERBICIDES	acre	15.90	1.0000	15.90	_____
HIRED LABOR	acre	495.00	1.0000	495.00	_____
INSECTICIDES	acre	24.10	1.0000	24.10	_____
PACK & HARVEST ITEMS	acre	630.00	1.0000	630.00	_____
PLASTIC	acre	320.00	1.0000	320.00	_____
FUMIGANT	acre	292.50	1.0000	292.50	_____
PLANTS	acre	548.00	1.0000	548.00	_____
HARVEST LABOR	acre	757.50	1.0000	757.50	_____
OPERATOR LABOR	hour	7.50	28.3790	212.84	_____
IRRIGATION LABOR	hour	7.50	3.0000	22.50	_____
DIESEL FUEL	gal	1.17	6.1560	7.20	_____
ELECTRICITY	kWh	0.10	23.2500	2.33	_____
GASOLINE	gal	1.43	39.2260	56.09	_____
REPAIR & MAINTENANCE	acre	76.98	1.0000	76.98	_____
INTEREST ON OP. CAP.	acre	114.58	1.0000	114.58	_____

TOTAL DIRECT EXPENSES				3824.68	_____
TOTAL FIXED EXPENSES				154.64	_____

TOTAL SPECIFIED EXPENSES				3979.32	_____

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, 2001.

Yield (Bushels)	-----Price Per Bushel-----				
	4.00	5.50	7.00	8.50	10.00
	-----Net Returns Per Acre-----				
300.00	-2114.68	-1664.68	-1214.68	-764.68	-314.68
450.00	-1769.68	-1094.68	-419.68	255.32	930.32
600.00	-1424.68	-524.68	375.32	1275.32	2175.32
750.00	-1079.68	45.32	1170.32	2295.32	3420.32
900.00	-734.68	615.32	1965.32	3315.32	4665.32

Table 16.B Summary of estimated costs per acre Pepper (Bell), irrigated, fresh wholesale market, four- row equipment, plastic mulch, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	140.53	1.0000	140.53	_____
FUNGICIDES	acre	112.48	1.0000	112.48	_____
HERBICIDES	acre	15.90	1.0000	15.90	_____
HIRED LABOR	acre	337.00	1.0000	337.00	_____
INSECTICIDES	acre	19.64	1.0000	19.64	_____
PACK & HARVEST ITEMS	acre	811.00	1.0000	811.00	_____
SEED	acre	57.08	1.0000	57.08	_____
PLASTIC	acre	320.00	1.0000	320.00	_____
FUMIGANT	acre	390.00	1.0000	390.00	_____
PLANTS	acre	548.00	1.0000	548.00	_____
HARVEST LABOR	acre	645.00	1.0000	645.00	_____
OPERATOR LABOR	hour	7.50	19.3730	145.30	_____
IRRIGATION LABOR	hour	7.50	11.0000	82.50	_____
DIESEL FUEL	gal	1.17	7.3260	8.57	_____
ELECTRICITY	kWh	0.10	71.0000	7.10	_____
GASOLINE	gal	1.43	27.8840	39.87	_____
REPAIR & MAINTENANCE	acre	79.03	1.0000	79.03	_____
INTEREST ON OP. CAP.	acre	114.39	1.0000	114.39	_____

TOTAL DIRECT EXPENSES				3873.40	_____
TOTAL FIXED EXPENSES				145.40	_____

TOTAL SPECIFIED EXPENSES				4018.80	_____

Table 16C. Effects of yields and prices on net returns per acre above total direct expenses, Peppers (Bell), irrigated, fresh wholesale market, four-row equipment, average yield, Louisiana, 2001.

Yield (bushels)	-----Price Per Bushel-----				
	4.00	5.50	7.00	8.50	10.00
	-----Net Returns Per Acre-----				
300.00	-2163.40	-1713.40	-1263.40	-813.40	-363.40
450.00	-1818.40	-1143.40	-468.40	206.60	881.60
600.00	-1473.40	-573.40	326.60	1226.60	2126.60
750.00	-1128.40	-3.40	1121.60	2246.60	3371.60
900.00	-783.40	566.60	1916.60	3266.60	4616.60

Table 17.A Estimated resource use and costs per acre for field operations Potato (Irish), fresh market, one-row equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	10.16	4.38	2.11	3.00	1.881	14.11				33.75
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jan	6.71	2.72	1.82	2.59	1.705	12.79				26.62
13-13-13	lb											800.0000	0.10	80.00	80.00
Hipper 1R	3 ft	23	1.530	1.00	Feb	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Conditioner, row 1R	6 ft	23	0.410	1.00	Feb	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Trailer utility	10 ft	23	1.000	1.00	Feb	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Planting labor	hour											14.0000	7.50	105.00	105.00
Irish potato seed	cwt											11.0000	15.00	165.00	165.00
Sprayer, boom	12 ft	23	0.190	1.00	Feb	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Dual	pt											2.0000	8.06	16.12	16.12
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Pounce	pt											0.5000	17.50	8.75	8.75
Cultivate & fert 1R	3 ft	23	1.610	1.00	Mar	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33%	lb											150.0000	0.08	11.70	11.70
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Bravo	pt											0.7500	6.48	4.86	4.86
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Pounce	pt											0.5000	17.50	8.75	8.75
Dithane	lb											0.7500	2.75	2.06	2.06
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Shredder 1R	5 ft	23	0.740	1.00	Jun	3.20	1.30	0.36	0.93	0.814	6.11				11.89
Potato digger, chain 1 row		23	1.500	1.00	Jun	6.49	2.63	2.77	3.94	1.650	12.38				28.22
Trailer utility	10 ft	23	1.000	1.00	Jun	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Harvest labor	hour											28.0000	7.50	210.00	210.00
Harvest crate	each											30.0000	1.90	57.00	57.00
Packing labor	hour											22.0000	7.50	165.00	165.00
Packing sacks	each											150.0000	0.49	73.50	73.50
Pickup truck	1/2 ton		1.000	7.00	Jun			38.81	32.95	7.000	52.50				124.26
Disk 2R	6 ft	43	0.570	2.00	Jun	6.77	2.92	1.40	2.00	1.254	9.40				22.50
TOTALS						73.89	30.40	54.25	56.13	24.611	184.58			907.74	1306.99
INTEREST ON OPERATING CAPITAL															25.44
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1332.44

Table 17.B Summary of estimated costs per acre Potato (Irish),
fresh market, one-row equipment, average yield,
Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	91.70	1.0000	91.70	_____
FUNGICIDES	acre	6.92	1.0000	6.92	_____
HERBICIDES	acre	16.12	1.0000	16.12	_____
HIRED LABOR	acre	105.00	1.0000	105.00	_____
INSECTICIDES	acre	17.50	1.0000	17.50	_____
PACK & HARVEST ITEMS	acre	130.50	1.0000	130.50	_____
SEED	acre	165.00	1.0000	165.00	_____
HARVEST LABOR	acre	375.00	1.0000	375.00	_____
OPERATOR LABOR	hour	7.50	24.6110	184.58	_____
DIESEL FUEL	gal	1.17	7.6950	9.00	_____
GASOLINE	gal	1.43	38.5560	55.14	_____
REPAIR & MAINTENANCE	acre	64.00	1.0000	64.00	_____
INTEREST ON OP. CAP.	acre	25.44	1.0000	25.44	_____

TOTAL DIRECT EXPENSES				1245.91	_____
TOTAL FIXED EXPENSES				86.53	_____

TOTAL SPECIFIED EXPENSES				1332.44	_____

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, 2001.

Yield (Sack)	-----Price Per Sack-----				
	13.00	14.00	15.00	16.00	17.00
	-----Net Returns Per Acre-----				
100.00	154.09	254.09	354.09	454.09	554.09
125.00	429.09	554.09	679.09	804.09	929.09
150.00	704.09	854.09	1004.09	1154.09	1304.09
175.00	979.09	1154.09	1329.09	1504.09	1679.09
200.00	1254.09	1454.09	1654.09	1854.09	2054.09

Table 18.A Estimated resource use and costs per acre for field operations Potato (Sweet), fresh market, one-row equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.39	1.46	0.70	1.00	0.627	4.70					11.25
Disk 2R	6 ft	43	0.570	2.00	Apr	6.77	2.92	1.40	2.00	1.254	9.40					22.50
Hipper 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	0.67	0.96	1.683	12.62					23.56
Lorsban 4E	pt											2.0000	5.71	11.42		11.42
Fertilizer applicatr	1 row	23	0.500	1.00	Apr	2.16	0.88	0.15	0.25	0.550	4.13					7.57
8-24-24	lb											500.0000	0.10	50.00		50.00
Hipper 1R	3 ft	23	1.530	1.00	May	6.62	2.69	0.67	0.96	1.683	12.62					23.56
Ditcher	1.5 ft	23	0.050	1.00	May	0.22	0.09	0.11	0.16	0.055	0.41					0.98
Hipper 1R	3 ft	23	1.530	1.00	May	6.62	2.69	0.67	0.96	1.683	12.62					23.56
Trailer utility	10 ft	23	1.000	1.00	May	4.33	1.76	0.27	0.95	1.100	8.25					15.55
Planting labor	hour											10.0000	7.50	75.00		75.00
Sweet potato slips	acre											1.0000	117.76	117.76		117.76
Cut slip labor	hour											5.0000	7.50	37.50		37.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57					3.27
Command	qt											1.3000	15.88	20.64		20.64
Trailer, water	10 ft	43	1.000	1.00	May	5.94	2.56	0.63	2.57	1.100	8.25					19.95
Other labor	hour											2.0000	7.50	15.00		15.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57					3.27
Penncap M	pt											2.0000	3.30	6.60		6.60
Cultivator 1R	3 ft	23	1.530	1.00	Jun	6.62	2.69	1.35	1.92	1.683	12.62					25.19
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57					3.27
Imidan	lb.											1.3300	6.25	8.31		8.31
Ditcher	1.5 ft	23	0.050	1.00	Jun	0.22	0.09	0.11	0.16	0.055	0.41					0.98
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57					3.27
Penncap M	pt											2.0000	3.30	6.60		6.60
Cultivator 1R	3 ft	23	1.530	1.00	Jul	6.62	2.69	1.35	1.92	1.683	12.62					25.19
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.82	0.33	0.26	0.28	0.209	1.57					3.27
Imidan	lb.											1.3000	6.25	8.13		8.13
Cultivator 1R	3 ft	23	1.530	1.00	Jul	6.62	2.69	1.35	1.92	1.683	12.62					25.19
Ditcher	1.5 ft	23	0.050	1.00	Jul	0.22	0.09	0.11	0.16	0.055	0.41					0.98
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.82	0.33	0.26	0.28	0.209	1.57					3.27
Penncap M	pt											2.0000	3.30	6.60		6.60
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.82	0.33	0.26	0.28	0.209	1.57					3.27
Imidan	lb.											1.3000	6.25	8.13		8.13
Sprayer, boom	12 ft	23	0.190	1.00	Aug	0.82	0.33	0.26	0.28	0.209	1.57					3.27
Penncap M	pt											2.0000	3.30	6.60		6.60
Trailer utility	10 ft	23	1.000	2.00	Sep	8.66	3.51	0.53	1.90	2.200	16.50					31.11
Shredder 1R	5 ft	23	0.740	1.00	Sep	3.20	1.30	0.36	0.93	0.814	6.11					11.89
Coulter	1 row	23	1.500	1.00	Sep	6.49	2.63	0.64	0.94	1.650	12.38					23.08
Potato digger, chain	1 row	23	1.500	1.00	Sep	6.49	2.63	2.77	3.94	1.650	12.38					28.22
Harvest labor	hour											50.0000	7.50	375.00		375.00
Harvest crate	each											75.0000	1.90	142.50		142.50
Truck	2 ton		1.000	2.00	Sep			18.08	18.78	2.000	15.00					51.86
Other labor	hour											8.0000	7.50	60.00		60.00
TOTALS						94.39	38.70	34.01	44.60	24.880	186.60			955.79	1354.09	
INTEREST ON OPERATING CAPITAL																26.28
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																1380.38

Table 18.B Summary of estimated costs per acre Potato (Sweet),
fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	50.00	1.0000	50.00	_____
HERBICIDES	acre	20.64	1.0000	20.64	_____
HIRED LABOR	acre	187.50	1.0000	187.50	_____
INSECTICIDES	acre	62.38	1.0000	62.38	_____
PACK & HARVEST ITEMS	acre	142.50	1.0000	142.50	_____
SEED	acre	117.76	1.0000	117.76	_____
HARVEST LABOR	acre	375.00	1.0000	375.00	_____
OPERATOR LABOR	hour	7.50	24.8800	186.60	_____
DIESEL FUEL	gal	1.17	7.3170	8.56	_____
GASOLINE	gal	1.43	36.3440	51.97	_____
REPAIR & MAINTENANCE	acre	67.87	1.0000	67.87	_____
INTEREST ON OP. CAP.	acre	26.28	1.0000	26.28	_____

TOTAL DIRECT EXPENSES				1297.08	_____
TOTAL FIXED EXPENSES				83.30	_____

TOTAL SPECIFIED EXPENSES				1380.38	_____

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, 2001.

Yield (Cwt)	-----Price Per Box-----				
	6.00	7.00	8.00	9.00	10.00
	-----Net Returns Per Acre-----				
125.00	-428.36	-303.36	-178.36	-53.36	71.64
150.00	-338.36	-188.36	-38.36	111.64	261.64
175.00	-248.36	-73.36	101.64	276.64	451.64
200.00	-158.36	41.64	241.64	441.64	641.64
225.00	-68.36	156.64	381.64	606.64	831.64

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, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	1.25	0.55	0.56	0.80	0.165	1.24				4.40
Disk 4R	13.3 ft	68	0.150	2.00	Apr	2.51	1.10	1.12	1.60	0.330	2.48				8.80
Fertilizer buggy	30 ft	68	0.060	1.00	Apr	0.50	0.22	0.23	0.33	0.066	0.50				1.77
8-24-24	lb											500.0000	0.10	50.00	50.00
Hipper 4R	13.3 ft	68	0.160	1.00	Apr	1.34	0.59	0.32	0.45	0.176	1.32				4.01
Lorsban 4E	pt											2.0000	5.71	11.42	11.42
Hipper 4R	13.3 ft	68	0.160	2.00	May	2.68	1.17	0.63	0.90	0.352	2.64				8.02
Trailer utility	10 ft	23	1.000	1.00	May	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Sweet potato slips	acre											1.0000	117.76	117.76	117.76
Cut slip labor	hour											5.0000	7.50	37.50	37.50
Planting labor	hour											10.0000	7.50	75.00	75.00
Trailer, water	10 ft	43	1.000	1.00	May	5.94	2.56	0.63	2.57	1.100	8.25				19.95
Other labor	hour											2.0000	7.50	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Command	qt											1.3000	15.88	20.64	20.64
Ditcher	1.5 ft	23	0.050	1.00	May	0.22	0.09	0.11	0.16	0.055	0.41				0.98
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Penncap M	pt											2.0000	3.30	6.60	6.60
Cultivator 4R	13.3 ft	68	0.140	1.00	Jun	1.17	0.51	0.28	0.39	0.154	1.16				3.51
Ditcher	1.5 ft	23	0.050	1.00	Jun	0.22	0.09	0.11	0.16	0.055	0.41				0.98
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Imidan	lb.											1.3000	6.25	8.13	8.13
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Penncap M	pt											2.0000	3.30	6.60	6.60
Cultivator 4R	13.3 ft	68	0.140	1.00	Jul	1.17	0.51	0.28	0.39	0.154	1.16				3.51
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Imidan	lb.											1.3000	6.25	8.13	8.13
Cultivator 4R	13.3 ft	68	0.140	1.00	Jul	1.17	0.51	0.28	0.39	0.154	1.16				3.51
Ditcher	1.5 ft	23	0.050	1.00	Jul	0.22	0.09	0.11	0.16	0.055	0.41				0.98
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Penncap M	pt											2.0000	3.30	6.60	6.60
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Imidan	lb.											1.3000	6.25	8.13	8.13
Sprayer, boom	12 ft	23	0.190	1.00	Aug	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Penncap M	pt											2.0000	3.30	6.60	6.60
Coulter	4 row	68	0.140	1.00	Sep	1.17	0.51	0.30	0.44	0.154	1.16				3.57
Shredder 2R	6.7 ft	43	0.390	1.00	Sep	2.32	1.00	0.31	0.81	0.429	3.22				7.66
Trailer utility	10 ft	23	1.000	1.00	Sep	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Other labor	hour											1.0000	7.50	7.50	7.50
Truck	2 ton		1.000	2.00	Sep			18.08	18.78	2.000	15.00				51.86
Other labor	hour											7.0000	7.50	52.50	52.50
Harvester, riding 1R	1 row	68	2.670	1.00	Sep	22.33	9.77	7.83	11.14	2.937	22.03				73.10
Potato bins	each											3.0000	38.00	114.00	114.00
Harvest labor	hour											28.0000	7.50	210.00	210.00
Truck	2 ton		1.000	1.00	Sep			9.04	9.39	1.000	7.50				25.93
Fork lift			1.000	1.00	Sep			3.57	4.58	1.000	7.50				15.66
Packing Line	acre			1.00	Sep			5.62	9.11	10.500	78.75	1.0000			93.48
Packing boxes	each											240.0000	1.20	288.00	288.00
Other labor	hour											1.5000	7.50	11.25	11.25
TOTALS						59.44	25.44	52.04	66.70	24.708	185.31			1061.35	1450.27
INTEREST ON OPERATING CAPITAL															23.43
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1473.71

Table 19.B Summary of estimated costs per acre Potato (Sweet),
fresh market, four-row field equipment, one-row riding
harvester, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	50.00	1.0000	50.00	_____
HERBICIDES	acre	20.64	1.0000	20.64	_____
HIREN LABOR	acre	198.75	1.0000	198.75	_____
INSECTICIDES	acre	62.20	1.0000	62.20	_____
PACK & HARVEST ITEMS	acre	402.00	1.0000	402.00	_____
SEED	acre	117.76	1.0000	117.76	_____
HARVEST LABOR	acre	210.00	1.0000	210.00	_____
OPERATOR LABOR	hour	7.50	14.2080	106.56	_____
HAND LABOR	hour	7.50	10.5000	78.75	_____
DIESEL FUEL	gal	1.17	21.4770	25.13	_____
ELECTRICITY	kWh	0.10	7.7000	0.77	_____
GASOLINE	gal	1.43	18.4720	26.41	_____
REPAIR & MAINTENANCE	acre	59.16	1.0000	59.16	_____
INTEREST ON OP. CAP.	acre	23.43	1.0000	23.43	_____

TOTAL DIRECT EXPENSES				1381.56	_____
TOTAL FIXED EXPENSES				92.14	_____

TOTAL SPECIFIED EXPENSES				1473.71	_____

Table 19.C 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, 2001.

Yield (Cwt)	-----Price Per Box-----				
	7.00	8.00	9.00	10.00	11.00
	-----Net Returns Per Acre-----				
125.00	-320.98	-195.98	-70.98	54.03	179.03
150.00	-239.41	-89.41	60.59	210.59	360.59
175.00	-157.85	17.15	192.15	367.15	542.15
200.00	-76.29	123.71	323.71	523.71	723.71
225.00	5.28	230.28	455.28	680.28	905.28

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, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	5.22	3.51	2.31	3.29	0.330	2.48				16.80
Fertilizer buggy	30 ft	68	0.060	1.00	Apr	0.50	0.22	0.23	0.33	0.066	0.50				1.77
8-24-24	lb											500.0000	0.10	50.00	50.00
Hipper 6R	20 ft	143	0.090	1.00	Apr	1.57	1.05	0.29	0.41	0.099	0.74				4.05
Lorsban 4E	pt											2.0000	5.71	11.42	11.42
Hipper 6R	20 ft	143	0.090	2.00	May	3.13	2.11	0.57	0.81	0.198	1.49				8.11
Trailer utility	10 ft	23	1.000	1.00	May	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Sweet potato slips	acre											1.0000	117.76	117.76	117.76
Cut slip labor	hour											5.0000	7.50	37.50	37.50
Transplanter 4R	12 ft	68	0.600	1.00	May	5.02	2.19	1.52	5.01	0.660	4.95				18.69
Planting labor	hour											10.0000	7.50	75.00	75.00
Harvest crate	each											3.0000	1.90	5.70	5.70
Sprayer, boom	20 ft	93	0.120	1.00	May	1.41	0.88	0.26	0.28	0.132	0.99				3.82
Command	qt											1.3000	15.88	20.64	20.64
Ditcher	1.5 ft	23	0.050	1.00	May	0.22	0.09	0.11	0.16	0.055	0.41				0.98
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.41	0.88	0.26	0.28	0.132	0.99				3.82
Penncap M	pt											2.0000	3.30	6.60	6.60
Cultivator 6R	20 ft	143	0.100	1.00	Jun	1.74	1.17	0.29	0.41	0.110	0.83				4.43
Ditcher	1.5 ft	23	0.050	1.00	Jun	0.22	0.09	0.11	0.16	0.055	0.41				0.98
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.41	0.88	0.26	0.28	0.132	0.99				3.82
Imidan	lb.											1.3000	6.25	8.13	8.13
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.41	0.88	0.26	0.28	0.132	0.99				3.82
Penncap M	pt											2.0000	3.30	6.60	6.60
Cultivator 6R	20 ft	143	0.100	1.00	Jul	1.74	1.17	0.29	0.41	0.110	0.83				4.43
Sprayer, boom	20 ft	93	0.120	1.00	Jul	1.41	0.88	0.26	0.28	0.132	0.99				3.82
Imidan	lb.											1.3000	6.25	8.13	8.13
Cultivator 6R	20 ft	143	0.100	1.00	Jul	1.74	1.17	0.29	0.41	0.110	0.83				4.43
Ditcher	1.5 ft	23	0.050	1.00	Jul	0.22	0.09	0.11	0.16	0.055	0.41				0.98
Sprayer, boom	20 ft	93	0.120	1.00	Jul	1.41	0.88	0.26	0.28	0.132	0.99				3.82
Penncap M	pt											2.0000	3.30	6.60	6.60
Sprayer, boom	20 ft	93	0.120	1.00	Jul	1.41	0.88	0.26	0.28	0.132	0.99				3.82
Imidan	lb.											1.3000	6.25	8.13	8.13
Sprayer, boom	20 ft	93	0.120	1.00	Aug	1.41	0.88	0.26	0.28	0.132	0.99				3.82
Penncap M	pt											2.0000	3.30	6.60	6.60
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	2.32	1.00	0.31	0.81	0.429	3.22				7.66
Trailer utility	10 ft	23	1.000	1.00	Sep	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Other labor	hour											1.0000	7.50	7.50	7.50
Truck	2 ton		1.000	2.00	Sep			18.08	18.78	2.000	15.00				51.86
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											24.0000	7.50	180.00	180.00
Potato bins	each											3.0000	38.00	114.00	114.00
Truck	2 ton		1.000	1.00	Sep			9.04	9.39	1.000	7.50				25.93
Fork lift			1.000	1.00	Sep			3.57	4.58	1.000	7.50				15.66
Packing Line	acre			1.00	Sep			5.62	9.11	10.500	78.75	1.0000			93.48
Packing boxes	each											240.0000	1.20	288.00	288.00
TOTALS						43.53	24.40	51.16	67.71	20.033	150.25			1010.80	1347.83
INTEREST ON OPERATING CAPITAL															22.29
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1370.13

Table 20.B Summary of estimated costs per acre Potato (Sweet), fresh market, six-row field equipment, two-row riding harvester, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	50.00	1.0000	50.00	_____
HERBICIDES	acre	20.64	1.0000	20.64	_____
HIRED LABOR	acre	172.50	1.0000	172.50	_____
INSECTICIDES	acre	62.20	1.0000	62.20	_____
PACK & HARVEST ITEMS	acre	407.70	1.0000	407.70	_____
SEED	acre	117.76	1.0000	117.76	_____
HARVEST LABOR	acre	180.00	1.0000	180.00	_____
OPERATOR LABOR	hour	7.50	9.5330	71.50	_____
HAND LABOR	hour	7.50	10.5000	78.75	_____
DIESEL FUEL	gal	1.17	16.0560	18.79	_____
ELECTRICITY	kWh	0.10	7.7000	0.77	_____
GASOLINE	gal	1.43	16.0400	22.94	_____
REPAIR & MAINTENANCE	acre	52.19	1.0000	52.19	_____
INTEREST ON OP. CAP.	acre	22.29	1.0000	22.29	_____

TOTAL DIRECT EXPENSES				1278.02	_____
TOTAL FIXED EXPENSES				92.10	_____

TOTAL SPECIFIED EXPENSES				1370.13	_____

Table 20.C 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, 2001.

Yield (Cwt)	-----Price Per Box-----				
	7.00	8.00	9.00	10.00	11.00
	-----Net Returns Per Acre-----				
125.00	-239.94	-114.94	10.07	135.07	260.07
150.00	-147.12	2.88	152.88	302.88	452.88
175.00	-54.31	120.69	295.69	470.69	645.69
200.00	38.50	238.50	438.50	638.50	838.50
225.00	131.32	356.32	581.32	806.32	1031.32

Table 21.A Estimated resource use and costs per acre for field operations Shallots, fresh market, one-row equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	10.16	4.38	2.11	3.00	1.881	14.11				33.75
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Aug	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											400.0000	0.10	40.00	40.00
Hipper 1R	3 ft	23	1.530	2.00	Aug	13.24	5.37	1.35	1.92	3.366	25.25				47.12
Trailer utility	10 ft	23	1.000	1.00	Aug	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Planting labor	hour											20.0000	7.50	150.00	150.00
Shallots sets	lbs											300.0000	1.10	330.00	330.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Malathion	pt											0.6000	2.63	1.58	1.58
Buffer	pt											1.0000	2.00	2.00	2.00
Ridomil + Bravo	lb											1.0000	17.50	17.50	17.50
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Prowl	pt											1.5000	2.60	3.90	3.90
Cultivator 1R	3 ft	23	1.530	1.00	Sep	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Cultivate & fert 1R	3 ft	23	1.610	1.00	Oct	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33%	lb											100.0000	0.08	7.80	7.80
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Malathion	pt											0.6000	2.63	1.58	1.58
Buffer	pt											1.0000	2.00	2.00	2.00
Ridomil + Bravo	lb											1.0000	17.50	17.50	17.50
Cultivator 1R	3 ft	23	1.530	1.00	Oct	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Cultivator 1R	3 ft	23	1.530	1.00	Nov	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Malathion	pt											0.6000	2.63	1.58	1.58
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Dec	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Malathion	pt											0.6000	2.63	1.58	1.58
Buffer	pt											1.0000	2.00	2.00	2.00
Lifter blade	1 row	43	1.500	1.00	Jan	8.91	3.84	1.17	2.44	1.650	12.38				28.74
Harvest labor	hour			1.00	Jan							25.0000	7.50	187.50	187.50
Harvest container	each			1.00	Jan							4.0000	3.00	12.00	12.00
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	1.08	432.00	432.00
Ice	cwt			1.00	Jan							40.0000	2.50	100.00	100.00
Pickup truck	1/2 ton		1.000	6.00	Jan			33.26	28.25	6.000	45.00				106.51
Middle buster 1R	3 ft	23	1.530	1.00	Jan	6.62	2.69	0.34	0.48	1.683	12.62				22.75
Disk 2R	6 ft	43	0.570	2.00	Jan	6.77	2.92	1.40	2.00	1.254	9.40				22.50
TOTALS						94.31	38.92	50.17	53.20	28.187	211.40			2372.51	2820.52
INTEREST ON OPERATING CAPITAL															47.99
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2868.51

Table 21.B Summary of estimated costs per acre Shallots, fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	47.80	1.0000	47.80	_____
FUNGICIDES	acre	35.00	1.0000	35.00	_____
HERBICIDES	acre	3.90	1.0000	3.90	_____
HIRED LABOR	acre	150.00	1.0000	150.00	_____
INSECTICIDES	acre	14.31	1.0000	14.31	_____
PACK & HARVEST ITEMS	acre	554.00	1.0000	554.00	_____
SEED	acre	330.00	1.0000	330.00	_____
HARVEST LABOR	acre	1237.50	1.0000	1237.50	_____
OPERATOR LABOR	hour	7.50	28.1870	211.40	_____
DIESEL FUEL	gal	1.17	11.7450	13.74	_____
GASOLINE	gal	1.43	40.3120	57.65	_____
REPAIR & MAINTENANCE	acre	73.10	1.0000	73.10	_____
INTEREST ON OP. CAP.	acre	47.99	1.0000	47.99	_____

TOTAL DIRECT EXPENSES				2776.39	_____
TOTAL FIXED EXPENSES				92.12	_____

TOTAL SPECIFIED EXPENSES				2868.51	_____

Table 21.C Effects of yields and prices on net returns per acre above total direct expenses, Shallots, fresh market, one-row equipment, average yield, Louisiana, 2001.

Yield (Doz Bunches)	-----Price Per Dozen Bunches-----				
	1.60	1.80	2.00	2.20	2.40
	-----Net Returns Per Acre-----				
1000.00	-337.64	-137.64	62.36	262.36	462.36
1500.00	42.99	342.99	642.99	942.99	1242.99
2000.00	423.61	823.61	1223.61	1623.61	2023.61
2500.00	804.24	1304.24	1804.24	2304.24	2804.24
3000.00	1184.86	1784.86	2384.86	2984.86	3584.86

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, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	2.00	Feb	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Disk 2R	6 ft	43	0.570	1.00	Mar	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk 2R	6 ft	43	0.570	2.00	Mar	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											500.0000	0.10	50.00	50.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Planter 1R	3 ft	23	1.500	1.00	Mar	6.49	2.63	0.35	0.56	1.650	12.38				22.41
Yellow squash seed	lbs											4.0000	41.00	164.00	164.00
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	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33%	lb											100.0000	0.08	7.80	7.80
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Thiodan	lb											0.5000	6.00	3.00	3.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Quadris	pt											0.7000	37.00	25.90	25.90
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Quadris	pt											0.7000	37.00	25.90	25.90
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											0.6000	4.80	2.88	2.88
Bravo	pt											1.5000	6.48	9.72	9.72
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											0.6000	4.80	2.88	2.88
Benlate	lb											0.5000	16.50	8.25	8.25
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											0.6000	4.80	2.88	2.88
Trailer utility	10 ft	23	1.000	1.00	Jun	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Harvest labor	hour											110.0000	7.50	825.00	825.00
Harvest container	each											8.0000	3.00	24.00	24.00
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	1.33	498.75	498.75
Pickup truck	1/2 ton		1.000	10.00	Jun			55.44	47.08	10.000	75.00				177.51
Shredder 1R	5 ft	23	0.740	1.00	Jun	3.20	1.30	0.36	0.93	0.814	6.11				11.89
Disk 2R	6 ft	43	0.570	1.00	Jun	3.39	1.46	0.70	1.00	0.627	4.70				11.25
TOTALS						75.42	31.11	69.67	80.28	27.765	208.24			1886.86	2351.57
INTEREST ON OPERATING CAPITAL															28.53
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2380.10

Table 22.B Summary of estimated costs per acre Squash (Yellow Summer), hybrid, fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	79.58	1.0000	79.58	_____
FUNGICIDES	acre	69.77	1.0000	69.77	_____
HERBICIDES	acre	11.62	1.0000	11.62	_____
HIRED LABOR	acre	112.50	1.0000	112.50	_____
INSECTICIDES	acre	11.64	1.0000	11.64	_____
PACK & HARVEST ITEMS	acre	522.75	1.0000	522.75	_____
SEED	acre	164.00	1.0000	164.00	_____
HARVEST LABOR	acre	915.00	1.0000	915.00	_____
OPERATOR LABOR	hour	7.50	27.7650	208.24	_____
DIESEL FUEL	gal	1.17	9.2340	10.80	_____
GASOLINE	gal	1.43	45.3680	64.88	_____
REPAIR & MAINTENANCE	acre	69.41	1.0000	69.41	_____
INTEREST ON OP. CAP.	acre	28.53	1.0000	28.53	_____

TOTAL DIRECT EXPENSES				2268.71	_____
TOTAL FIXED EXPENSES				111.39	_____

TOTAL SPECIFIED EXPENSES				2380.10	_____

Table 22.C 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, 2001.

Yield (Boxes)	-----Price Per Box-----				
	5.50	6.50	7.50	8.50	9.50
	-----Net Returns Per Acre-----				
275.00	-332.17	-57.17	217.83	492.83	767.83
325.00	-269.19	55.81	380.81	705.81	1030.81
375.00	-206.21	168.79	543.79	918.79	1293.79
425.00	-143.23	281.77	706.77	1131.77	1556.77
475.00	-80.25	394.75	869.75	1344.75	1819.75

Table 23.A Estimated resource use and costs per acre for field operations, Strawberries, irrigated, fresh market, plastic mulch, one-row equipment, average yield, Louisiana, 2001.

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	3.30	22.01	22.01
Disk 6R	20 ft	143	0.100	2.00	May	3.48	2.34	1.54	2.19	0.220	1.65				11.20
Hipper 4R	13.3 ft	68	0.160	1.00	Jun	1.34	0.59	0.32	0.45	0.176	1.32				4.01
Ditcher	1.5 ft	23	0.050	1.00	Jun	0.22	0.09	0.11	0.16	0.055	0.41				0.98
Cover crop	acre			1.00	Jun							1.0000	57.08	57.08	57.08
Disk 6R	20 ft	143	0.100	2.00	Aug	3.48	2.34	1.54	2.19	0.220	1.65				11.20
Shredder 2R	6.7 ft	43	0.390	1.00	Aug	2.32	1.00	0.31	0.81	0.429	3.22				7.66
Hipper 4R	13.3 ft	68	0.160	2.00	Aug	2.68	1.17	0.63	0.90	0.352	2.64				8.02
Ditcher	1.5 ft	23	0.050	1.00	Aug	0.22	0.09	0.11	0.16	0.055	0.41				0.98
Fertilizer applicatr	20 ft	93	0.090	1.00	Sep	0.49	0.66	0.24	0.34	0.099	0.74				2.46
8-24-24	lb											800.0000	0.10	80.00	80.00
Hipper 4R	13.3 ft	68	0.160	1.00	Sep	1.34	0.59	0.32	0.45	0.176	1.32				4.01
Ditcher	1.5 ft	23	0.050	1.00	Sep	0.22	0.09	0.11	0.16	0.055	0.41				0.98
Conditioner, row 1R	6 ft	23	0.410	2.00	Sep	3.55	1.44	0.54	0.77	0.902	6.77				13.06
Ditcher	1.5 ft	23	0.050	1.00	Sep	0.22	0.09	0.11	0.16	0.055	0.41				0.98
Plastic & fumigation	5 ft	23	1.500	1.00	Sep	6.49	2.63	2.39	4.98	4.650	34.88				51.36
Pickup truck	1/2 ton			1.000				5.54	4.71	1.000	7.50				17.75
Plastic	roll											5.0000	64.00	320.00	320.00
Methyl bromide	lbs											200.0000	1.95	390.00	390.00
Other labor	hour											3.0000	7.50	22.50	22.50
Trailer utility	10 ft	23	1.000	1.00	Sep	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Other labor	hour											12.0000	7.50	90.00	90.00
Hole Puncher 1R	3 ft	23	0.750	1.00	Oct	3.25	1.32	0.63	1.03	0.825	6.19				12.41
Trailer small	8 ft	23	1.000	1.00	Oct	4.33	1.76	0.24	0.86	1.100	8.25				15.43
Pickup truck	1/2 ton			1.000				5.54	4.71	1.000	7.50				17.75
Strawberry plants	1000											15.0000	75.00	1125.00	1125.00
Contract planting	1 1000											15.0000	18.75	281.25	281.25
Irrigation/sprinkler	acin			7.00	Oct			59.22	74.65	14.000	105.00	14.0000			238.87
Other labor	hour			1.00	Nov							5.0000	7.50	37.50	37.50
Irrigation/sprinkler	acin			1.00	Nov			4.23		1.000	7.50	1.0000			11.73
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Princep	lb											0.7000	3.50	2.45	2.45
Gramoxone	pt											2.0000	3.80	7.60	7.60
Surfactant	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Dec	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Pickup truck	1/2 ton			1.000				5.54	4.71	1.000	7.50				17.75
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											18.0000	7.50	135.00	135.00
Sprayer, boom	12 ft	23	0.190	1.00	Dec	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Tribasic Copper	lb											1.5000	2.55	3.83	3.83
Irrigation/sprinkler	acin			2.00	Dec			8.46		2.000	15.00	2.0000			23.46
Sprayer, boom	12 ft	23	0.190	1.00	Dec	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Tribasic Copper	lb											1.5000	2.55	3.83	3.83
Sprayer, boom	12 ft	23	0.190	1.00	Jan	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Tribasic Copper	lb											1.5000	2.55	3.83	3.83
Injection wheel 4R	4 row	68	0.330	1.00	Jan			1.16	1.65			200.0000	0.23	46.00	46.00
CaNO3, regular	lb											4.0000			46.92
Irrigation/sprinkler	acin			4.00	Jan			16.92		4.000	30.00	4.0000			46.92
Sprayer, boom	12 ft	23	0.190	1.00	Jan	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Benlate	lb											0.5000	16.50	8.25	8.25
Captan	lb											2.0000	2.80	5.60	5.60
Pickup truck	1/2 ton			1.000	Feb			5.54	4.71	1.000	7.50				17.75
Clean berry plants	hour											60.0000	7.50	450.00	450.00
Sprayer, boom	12 ft	23	0.190	1.00	Feb	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Gramoxone	pt											2.0000	3.80	7.60	7.60
Surfactant	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	3.00	Feb	2.47	1.00	0.78	0.84	0.627	4.70				9.80
Quadris	pt											0.9000	37.00	33.30	33.30
Captan	lb											9.0000	2.80	25.20	25.20
Irrigation/sprinkler	acin			8.00	Feb			67.68		16.000	120.00	16.0000			187.68
Sprayer, boom	12 ft	23	0.190	1.00	Feb	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Captan	lb											2.0000	2.80	5.60	5.60
Rovral	pt											1.5000	20.00	30.00	30.00
Irrigation/sprinkler	acin			3.00	Mar			76.14		18.000	135.00	18.0000			211.14
Pickup truck	1/2 ton			1.000	Mar			5.54	4.71	1.000	7.50				17.75
Strip berry labor	hour											15.0000	7.50	112.50	112.50
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Quadris	pt											0.3000	37.00	11.10	11.10
Irrigation/sprinkler	acin			1.00	Mar			8.46		2.000	15.00	2.0000			23.46
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Captan	lb											3.0000	2.80	8.40	8.40
Rovral	pt											1.5000	20.00	30.00	30.00
AgriMek	pt											0.5000	75.62	37.81	37.81
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Benlate	lb											0.5000	16.50	8.25	8.25
Captan	lb											2.0000	2.80	5.60	5.60
AgriMek	pt											0.5000	75.62	37.81	37.81
Truck	1 ton			1.000	Mar			7.48	7.98	1.100	8.25				23.71
Harvest labor	flat											700.0000	1.25	875.00	875.00
Flats	each											700.0000	1.43	1001.00	1001.00
Packing labor	hour											5.0000	7.50	37.50	37.50

Table 23.A (continued)

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						dollars				dollars		dollars			
Sprayer, boom Captan	12 ft lb	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Rovral	pt											2.0000	2.80	5.60	5.60
Sprayer, boom Quadris	12 ft pt	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57	1.5000	20.00	30.00	30.00
Sprayer, boom Rovral	12 ft pt	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57	0.3000	37.00	11.10	11.10
Captan	lb											1.5000	20.00	30.00	30.00
Truck	1 ton		1.000	1.00	Apr			7.48	7.98	1.100	8.25	2.0000	2.80	5.60	5.60
Harvest labor	flat											700.0000	1.25	875.00	875.00
Flats	each											700.0000	1.43	1001.00	1001.00
Packing labor	hour											5.0000	7.50	37.50	37.50
Sprayer, boom Benlate	12 ft lb	23	0.190	2.00	May	1.64	0.67	0.52	0.56	0.418	3.14	1.0000	16.50	16.50	16.50
Captan	lb											4.0000	2.80	11.20	11.20
Sprayer, boom Gramoxone	12 ft pt	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57	2.0000	3.80	7.60	7.60
Surfactant	pt											1.0000	2.00	2.00	2.00
Coulter	1 row	23	1.500	1.00	Jun	6.49	2.63	0.64	0.94	1.650	12.38				23.08
Trailer utility	10 ft	23	1.000	1.00	Jun	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Truck	1 ton		1.000					7.48	7.98	1.100	8.25				23.71
Other labor	hour											15.0000	7.50	112.50	112.50
TOTALS						68.70	30.42	307.95	148.51	83.590	626.92			8417.99	9600.49
INTEREST ON OPERATING CAPITAL															286.67
TOTAL SPECIFIED COST															9887.16

Table 23.B Summary of estimated costs per acre Strawberries, irrigated, fresh market, plastic mulch, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	148.01	1.0000	148.01	_____
FUNGICIDES	acre	292.78	1.0000	292.78	_____
HERBICIDES	acre	31.25	1.0000	31.25	_____
HIRED LABOR	acre	1241.25	1.0000	1241.25	_____
INSECTICIDES	acre	75.62	1.0000	75.62	_____
PACK & HARVEST ITEMS	acre	2002.00	1.0000	2002.00	_____
SEED	acre	57.08	1.0000	57.08	_____
PLASTIC	acre	320.00	1.0000	320.00	_____
FUMIGANT	acre	390.00	1.0000	390.00	_____
PLANTS	acre	1125.00	1.0000	1125.00	_____
HARVEST LABOR	acre	1825.00	1.0000	1825.00	_____
ROW COVERS	acre	910.00	1.0000	910.00	_____
OPERATOR LABOR	hour	7.50	26.5900	199.42	_____
IRRIGATION LABOR	hour	7.50	57.0000	427.50	_____
DIESEL FUEL	gal	1.17	6.9810	8.17	_____
ELECTRICITY	kWh	0.10	1083.0000	108.30	_____
GASOLINE	gal	1.43	41.3080	59.07	_____
REPAIR & MAINTENANCE	acre	201.11	1.0000	201.11	_____
INTEREST ON OP. CAP.	acre	286.67	1.0000	286.67	_____
TOTAL DIRECT EXPENSES				9708.23	_____
TOTAL FIXED EXPENSES				178.93	_____
TOTAL SPECIFIED EXPENSES				9887.16	

Table 23.C Effects of yields and prices on net returns per acre above total direct expenses, Strawberries, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2001.

Yield (Flat)	Price Per Flat				
	6.00	7.00	8.00	9.00	10.00
Net Returns Per Acre					
1200.00	-1608.23	-408.23	791.77	1991.77	3191.77
1400.00	-858.23	541.77	1941.77	3341.77	4741.77
1600.00	-108.23	1491.77	3091.77	4691.77	6291.77
1800.00	641.77	2441.77	4241.77	6041.77	7841.77
2000.00	1391.77	3391.77	5391.77	7391.77	9391.77

Table 24.A Estimated resource use and costs per acre for field operations Tomatoes, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Line (spread)	cwt			1.00	Feb							6.6000	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	2.00	Feb	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Hipper 1R	3 ft	23	1.530	1.00	Feb	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											600.0000	0.10	60.00	60.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Plastic layer	5 ft	23	1.500	1.00	Mar	6.49	2.63	2.16	4.51	4.650	34.88				50.67
Plastic	roll											5.0000	64.00	320.00	320.00
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	3.25	1.32	0.63	1.03	0.825	6.19				12.41
Trailer utility	10 ft	23	1.000	1.00	Mar	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Planting labor	hour											40.0000	7.50	300.00	300.00
Tomato plants	100											40.0000	6.80	272.00	272.00
Irrigation, furrow	acin			1.00	Mar			14.00	55.50	4.000	30.00	4.0000			99.50
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Trailer small	8 ft	23	1.000	1.00	Apr	4.33	1.76	0.24	0.86	1.100	8.25				15.43
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	15.00	120.00	120.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Lannate	pt											1.0000	5.92	5.92	5.92
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Gramoxone	pt											1.5000	3.80	5.70	5.70
Surfactant	pt											0.3000	2.00	0.60	0.60
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33%	lb											60.0000	0.08	4.68	4.68
Irrigation, furrow	acin			1.00	Apr			7.00		2.000	15.00	2.0000			22.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Bravo	pt											1.0000	6.48	6.48	6.48
Pounce	pt											0.5000	17.50	8.75	8.75
Buffer	pt											1.0000	2.00	2.00	2.00
Irrigation, furrow	acin			1.00	Apr			7.00		2.000	15.00	2.0000			22.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Bravo	pt											1.0000	6.48	6.48	6.48
Am bush	pt											0.5000	13.76	6.88	6.88
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Quadris	pt											0.3000	37.00	11.10	11.10
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33%	lb											100.0000	0.08	7.80	7.80
Irrigation, furrow	acin			1.00	May			7.00		2.000	15.00	2.0000			22.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Bravo	pt											1.0000	6.48	6.48	6.48
Am bush	pt											0.5000	13.76	6.88	6.88
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	1.64	0.67	0.52	0.56	0.418	3.14				6.53
Pounce	pt											1.0000	17.50	17.50	17.50
Bravo	pt											4.0000	6.48	25.92	25.92
Buffer	pt											4.0000	2.00	8.00	8.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33%	lb											100.0000	0.08	7.80	7.80
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Quadris	pt											0.3000	37.00	11.10	11.10
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Pounce	pt											0.5000	17.50	8.75	8.75
Buffer	pt											1.0000	2.00	2.00	2.00
Pickup truck	1/2 ton		1.000	9.30	Jun			51.56	43.78	9.300	69.75				165.09
Trailer small	8 ft	23	1.000	1.00	Jun	4.33	1.76	0.24	0.86	1.100	8.25				15.43
Harvest labor	hour											200.0000	7.50	1500.00	1500.00
Harvest container	each											8.0000	3.00	24.00	24.00
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	1.12	1008.00	1008.00
Shredder 1R	5 ft	23	0.740	1.00	Jun	3.20	1.30	0.36	0.93	0.814	6.11				11.89
Coulter	1 row	23	1.500	1.00	Jun	6.49	2.63	0.64	0.94	1.650	12.38				23.08
Other labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	1/2 ton		1.000	1.00	Jun			5.54	4.71	1.000	7.50				17.75
Middle buster 1R	3 ft	23	1.530	1.00	Jun	6.62	2.69	0.34	0.48	1.683	12.62				22.75
Disk 2R	6 ft	43	0.570	1.00	Jun	3.39	1.46	0.70	1.00	0.627	4.70				11.25
TOTALS						113.30	46.22	113.12	136.62	51.394	385.46			5370.10	6164.81
INTEREST ON OPERATING CAPITAL															83.50
TOTAL SPECIFIED COST															6248.31

Table 24.B Summary of estimated costs per acre Tomatoes, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	102.06	1.0000	102.06	_____
FUNGICIDES	acre	67.56	1.0000	67.56	_____
HERBICIDES	acre	6.30	1.0000	6.30	_____
HIRED LABOR	acre	877.50	1.0000	877.50	_____
INSECTICIDES	acre	72.68	1.0000	72.68	_____
PACK & HARVEST ITEMS	acre	1032.00	1.0000	1032.00	_____
STAKES & TWINE	acre	220.00	1.0000	220.00	_____
PLASTIC	acre	320.00	1.0000	320.00	_____
PLANTS	acre	272.00	1.0000	272.00	_____
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	1.17	4.6170	5.40	_____
ELECTRICITY	kWh	0.10	60.0000	6.00	_____
GASOLINE	gal	1.43	63.8780	91.35	_____
REPAIR & MAINTENANCE	acre	123.67	1.0000	123.67	_____
INTEREST ON OP. CAP.	acre	83.50	1.0000	83.50	_____

TOTAL DIRECT EXPENSES				6065.47	_____
TOTAL FIXED EXPENSES				182.84	_____

TOTAL SPECIFIED EXPENSES				6248.31	_____

Table 24.C Effects of yields and prices on net returns per acre above total direct expenses, Tomatoes, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2001.

Yield (Boxes)	-----Price Per Box-----				
	7.00	8.00	9.00	10.00	11.00
	-----Net Returns Per Acre-----				
500.00	-1445.47	-945.47	-445.47	54.53	554.53
700.00	-805.47	-105.47	594.53	1294.53	2001.53
900.00	-165.47	734.53	1634.53	2534.53	3434.53
1100.00	474.53	1574.53	2674.53	3774.53	4874.53
1300.00	1114.53	2414.53	3714.53	5014.53	6314.53

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, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
-----dollars-----																
Lime (spread)	cwt			1.00	Jan								6.6000	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	2.00	Jan	6.77	2.92	1.40	2.00	1.254	9.40					22.50
Hipper 1R	3 ft	23	1.530	1.00	Feb	6.62	2.69	0.67	0.96	1.683	12.62					23.56
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Feb	6.71	2.72	1.82	2.59	1.705	12.79					26.62
13-13-13	lb											700.0000	0.10	70.00		70.00
Conditioner, row 1R	6 ft	23	0.410	1.00	Feb	1.77	0.72	0.27	0.38	0.451	3.38					6.53
Plastic layer	5 ft	23	1.500	1.00	Feb	6.49	2.63	2.16	4.51	4.650	34.88					50.67
Plastic	roll											3.0000	64.00	192.00		192.00
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	12.98	5.27	3.17	8.26	9.300	69.75					99.43
Tomato plants	100											25.0000	6.80	170.00		170.00
Planting labor	hour											2.0000	7.50	15.00		15.00
Trailer, water	10 ft	43	1.000	1.00	Mar	5.94	2.56	0.63	2.57	1.100	8.25					19.95
Trailer utility	10 ft	23	1.000	1.00	Mar	4.33	1.76	0.27	0.95	1.100	8.25					15.55
Irrigation, drip	acin			1.00	Mar			7.40	60.00	0.200	1.50	1.0000				68.90
Water (from hydrant)	acin											1.0000	3.25	3.25		3.25
CaNO3, regular	lb											50.0000	0.23	11.50		11.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57					3.27
Sencor	pt											1.0000	2.36	2.36		2.36
Trailer utility	10 ft	23	1.000	1.00	Apr	4.33	1.76	0.27	0.95	1.100	8.25					15.55
Stake replacement	100											12.0000	15.00	180.00		180.00
Other labor	hour											15.0000	7.50	112.50		112.50
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.64	0.67	0.52	0.56	0.418	3.14					6.53
Manzate	lb											4.0000	2.70	10.80		10.80
Kocide	lb											4.0000	3.46	13.84		13.84
Buffer	pt											2.0000	2.00	4.00		4.00
Irrigation, drip	acin			1.00	Apr			7.40		0.200	1.50	1.0000				8.90
Water (from hydrant)	acin											1.0000	3.25	3.25		3.25
CaNO3, regular	lb											50.0000	0.23	11.50		11.50
Trailer utility	10 ft	23	1.000	1.00	Apr	4.33	1.76	0.27	0.95	1.100	8.25					15.55
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	1.64	0.67	0.52	0.56	0.418	3.14					6.53
Bravo	pt											8.0000	6.48	51.84		51.84
Lannate	pt											6.0000	5.92	35.52		35.52
Buffer	pt											2.0000	2.00	4.00		4.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57					3.27
Ambush	pt											0.5000	13.76	6.88		6.88
Bravo	pt											2.0000	6.48	12.96		12.96
Buffer	pt											1.0000	2.00	2.00		2.00
Irrigation, drip	acin			1.00	Apr			7.40		0.200	1.50	1.0000				8.90
Water (from hydrant)	acin											1.0000	3.25	3.25		3.25
CaNO3, regular	lb											50.0000	0.23	11.50		11.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57					3.27
Gramxone	pt											2.5000	3.80	9.50		9.50
Surfactant	pt											0.5000	2.00	1.00		1.00
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.64	0.67	0.52	0.56	0.418	3.14					6.53
Quadris	pt											0.6000	37.00	22.20		22.20
Trailer utility	10 ft	23	1.000	1.00	Apr	4.33	1.76	0.27	0.95	1.100	8.25					15.55
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			7.40		0.200	1.50	1.0000				8.90
Water (from hydrant)	acin											1.0000	3.25	3.25		3.25
CaNO3, regular	lb											50.0000	0.23	11.50		11.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57					3.27
Bravo	pt											4.0000	6.48	25.92		25.92
Pounce	pt											0.5000	17.50	8.75		8.75
Buffer	pt											1.0000	2.00	2.00		2.00
Trailer utility	10 ft	23	1.000	1.00	May	4.33	1.76	0.27	0.95	1.100	8.25					15.55
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			7.40		0.200	1.50	1.0000				8.90
Water (from hydrant)	acin											1.0000	3.25	3.25		3.25
CaNO3, regular	lb											50.0000	0.23	11.50		11.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57					3.27
Quadris	pt											0.3000	37.00	11.10		11.10

Table 25. A (continued)

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT		TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE		COST
						-----dollars-----						dollars		-----dollars-----	
Sprayer, boom	12 ft	23	0.190	3.00	May	2.47	1.00	0.78	0.84	0.627	4.70			9.80	
Bravo	pt											6.0000	6.48	38.88	
Sevin	lbs											3.7500	4.80	18.00	
Buffer	pt											3.7500	2.00	7.50	
Irrigation, drip	acin			1.00	May			14.80		0.400	3.00	2.0000		17.80	
Water (from hydrant)	acin											2.0000	3.25	6.50	
CaN03, regular	lb											50.0000	0.23	11.50	
Irrigation, drip	acin			1.00	Jun			14.80		0.400	3.00	2.0000		17.80	
Water (from hydrant)	acin											2.0000	3.25	6.50	
CaN03, regular	lb											50.0000	0.23	11.50	
Trailer utility	10 ft	23	1.000	1.00	Jun	4.33	1.76	0.27	0.95	1.100	8.25			15.55	
Harvest labor	hour											140.0000	7.50	1050.00	
Harvest container	each											8.0000	3.00	24.00	
Pack line/wet/small	acre			1.00	Jun			2.53	12.52			1.0000		15.05	
Packing labor	hour											75.0000	7.50	562.50	
Other labor	hour											8.0000	7.50	60.00	
Lug boxes	each											1400.0000	1.12	1568.00	
Trailer utility	10 ft	23	1.000	1.00	Jul	4.33	1.76	0.27	0.95	1.100	8.25			15.55	
Other labor	hour											8.0000	7.50	60.00	
Shredder 1R	5 ft	23	0.740	1.00	Jul	3.20	1.30	0.36	0.93	0.814	6.11			11.89	
Coulter	1 row	23	1.500	1.00	Jul	6.49	2.63	0.64	0.94	1.650	12.38			23.08	
Other labor	hour											15.0000	7.50	112.50	
Pickup truck	1/2 ton		1.000	1.00	Jul			5.54	4.71	1.000	7.50			17.75	
Disk 2R	6 ft	43	0.570	2.00	Jul	6.77	2.92	1.40	2.00	1.254	9.40			22.50	
TOTALS						105.57	43.32	92.72	112.95	37.287	279.65			5334.08	
INTEREST ON OPERATING CAPITAL														131.08	
TOTAL SPECIFIED COST														6099.38	

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, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	172.28	1.0000	172.28	_____
FUNGICIDES	acre	187.54	1.0000	187.54	_____
HERBICIDES	acre	12.86	1.0000	12.86	_____
HURED LABOR	acre	660.00	1.0000	660.00	_____
INSECTICIDES	acre	88.65	1.0000	88.65	_____
PACK & HARVEST ITEMS	acre	1592.00	1.0000	1592.00	_____
STAKES & TWNE	acre	305.00	1.0000	305.00	_____
PLASTIC	acre	504.00	1.0000	504.00	_____
PLANTS	acre	170.00	1.0000	170.00	_____
CUSTOM	acre	29.25	1.0000	29.25	_____
HARVEST LABOR	acre	1612.50	1.0000	1612.50	_____
OPERATOR LABOR	hour	7.50	29.4870	221.15	_____
HAND LABOR	hour	7.50	6.0000	45.00	_____
IRRIGATION LABOR	hour	7.50	1.8000	13.50	_____
DIESEL FUEL	gal	1.17	8.8560	10.36	_____
ELECTRICITY	kWh	0.10	470.5500	47.06	_____
GASOLINE	gal	1.43	34.3240	49.08	_____
REPAIR & MAINTENANCE	acre	91.79	1.0000	91.79	_____
INTEREST ON OP. CAP.	acre	131.08	1.0000	131.08	_____
TOTAL DIRECT EXPENSES				5943.10	_____
TOTAL FIXED EXPENSES				156.28	_____
TOTAL SPECIFIED EXPENSES				6099.38	_____

Table 25. C 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, 2001.

Yield (Boxes)	Price Per 20 Lb. Box				
	5.75	6.75	7.75	8.75	9.75
	-----Net Returns Per Acre-----				
800.00	-423.10	376.90	1176.90	1976.90	2776.90
1000.00	266.90	1266.90	2266.90	3266.90	4266.90
1200.00	956.90	2156.90	3356.90	4556.90	5756.90
1400.00	1646.90	3046.90	4446.90	5846.90	7246.90
1600.00	2336.90	3936.90	5536.90	7136.90	8736.90

Table 26.A Estimated resource use and costs per acre for field operations Watermelons, fresh market, one-row equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	2.00	Feb	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Middle buster 1R	3 ft	23	1.530	1.00	Feb	6.62	2.69	0.34	0.48	1.683	12.62				22.75
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.71	2.72	1.82	2.59	1.705	12.79				26.62
10-20-20	lb											500.0000	0.09	45.00	45.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Planter 1R	3 ft	23	1.500	1.00	Mar	6.49	2.63	0.35	0.56	1.650	12.38				22.41
Watermelon seed	lbs											1.0000	15.00	15.00	15.00
Other labor	hour											2.0000	7.50	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Curbit	pt											3.0000	4.07	12.21	12.21
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	1.35	1.92	1.683	12.62				25.19
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	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33%	lb											75.0000	0.08	5.85	5.85
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Thiodan	lb											0.5000	6.00	3.00	3.00
Bravo	pt											1.5000	6.48	9.72	9.72
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Thiodan	lb											0.5000	6.00	3.00	3.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											0.6000	4.80	2.88	2.88
Bravo	pt											1.5000	6.48	9.72	9.72
Other labor	hour			1.00	Jun							10.0000	7.50	75.00	75.00
Trailer utility	10 ft	23	1.000	5.00	Jul	21.64	8.78	1.33	4.76	5.500	41.25				77.76
Harvest labor	hour			1.00	Jul							40.0000	7.50	300.00	300.00
Pickup truck	1/2 ton		1.000	5.00	Jul			27.72	23.54	5.000	37.50				88.76
Shredder 1R	5 ft	23	0.740	1.00	Jul	3.20	1.30	0.36	0.93	0.814	6.11				11.89
Disk 2R	6 ft	43	0.570	1.00	Jul	3.39	1.46	0.70	1.00	0.627	4.70				11.25
TOTALS						92.39	37.74	41.81	46.48	27.781	208.36			604.78	1031.55
INTEREST ON OPERATING CAPITAL															18.96
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1050.51

Table 26.B Summary of estimated costs per acre, Watermelons, fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	72.63	1.0000	72.63	_____
FUNGICIDES	acre	19.44	1.0000	19.44	_____
HERBICIDES	acre	23.83	1.0000	23.83	_____
HIRED LABOR	acre	165.00	1.0000	165.00	_____
INSECTICIDES	acre	8.88	1.0000	8.88	_____
SEED	acre	15.00	1.0000	15.00	_____
HARVEST LABOR	acre	300.00	1.0000	300.00	_____
OPERATOR LABOR	hour	7.50	27.7810	208.36	_____
DIESEL FUEL	gal	1.17	4.6170	5.40	_____
GASOLINE	gal	1.43	42.9000	61.35	_____
REPAIR & MAINTENANCE	acre	67.45	1.0000	67.45	_____
INTEREST ON OP. CAP.	acre	18.96	1.0000	18.96	_____

TOTAL DIRECT EXPENSES				966.29	_____
TOTAL FIXED EXPENSES				84.22	_____

TOTAL SPECIFIED EXPENSES				1050.51	_____

Table 26.C Effects of yields and prices on net returns per acre above total direct expenses, Watermelons, fresh market, one-row equipment, average yield, Louisiana, 2001.

Yield (Cwt)	-----Price Per Cwt-----				
	4.00	4.50	5.00	5.50	6.00
	-----Net Returns Per Acre-----				
160.00	.71	80.71	160.71	240.71	320.71
180.00	50.71	140.71	230.71	320.71	410.71
200.00	100.71	200.71	300.71	400.71	500.71
220.00	150.71	260.71	370.71	480.71	590.71
240.00	200.71	320.71	440.71	560.71	680.71

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, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	1.00	Jan	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk 2R	6 ft	43	0.570	2.00	Mar	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	2.55	1.04	0.83	1.18	0.649	4.87				10.47
Treflan	pt											1.2500	3.19	3.99	3.99
Dual	pt											1.5000	8.06	12.09	12.09
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											400.0000	0.10	40.00	40.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Planter 1R	3 ft	23	1.500	1.00	Apr	6.49	2.63	0.35	0.56	1.650	12.38				22.41
Butter bean seed	lbs											60.0000	1.25	75.00	75.00
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Basagran	pt											1.0000	8.71	8.71	8.71
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Orthene	lbs											0.5000	10.21	5.11	5.11
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Bravo	pt											1.5000	6.48	9.72	9.72
Orthene	lbs											0.5000	10.21	5.11	5.11
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Orthene	lbs											0.5000	10.21	5.11	5.11
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											1.0000	4.80	4.80	4.80
Benlate	lb											1.0000	16.50	16.50	16.50
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											1.0000	4.80	4.80	4.80
Benlate	lb											1.0000	16.50	16.50	16.50
Harvester, bean 1R	3 ft	68	1.000	1.00	Jul	8.36	3.66	8.03	12.49	1.100	8.25				40.79
Harvest sacks	each											30.0000	0.28	8.40	8.40
Other labor	hour											1.0000	7.50	7.50	7.50
Trailer utility	10 ft	23	1.000	1.00	Jul	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Sheller, bean/pea	acre							4.88	7.55	6.500	48.75	1.0000			61.18
Other labor	hour											8.0000	7.50	60.00	60.00
plastic bag, sealing	each											50.0000	0.10	5.00	5.00
Pickup truck	1/2 ton		1.000	5.00	Jul			27.72	23.54	5.000	37.50				88.76
Disk 2R	6 ft	43	0.570	2.00	Jul	6.77	2.92	1.40	2.00	1.254	9.40				22.50
TOTALS						72.78	30.22	52.86	61.00	27.802	208.52			321.72	747.09
INTEREST ON OPERATING CAPITAL															33.23
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															780.31

Table 27.B Summary of estimated costs per acre Beans (Butter),
shelled fresh market, one-row equipment average yield,
machine harvest, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	61.78	1.0000	61.78	_____
FUNGICIDES	acre	42.72	1.0000	42.72	_____
HERBICIDES	acre	36.41	1.0000	36.41	_____
HIRED LABOR	acre	67.50	1.0000	67.50	_____
INSECTICIDES	acre	24.92	1.0000	24.92	_____
PACK & HARVEST ITEMS	acre	13.40	1.0000	13.40	_____
SEED	acre	75.00	1.0000	75.00	_____
OPERATOR LABOR	hour	7.50	21.3020	159.77	_____
HAND LABOR	hour	7.50	6.5000	48.75	_____
DIESEL FUEL	gal	1.17	11.8950	13.92	_____
ELECTRICITY	kWh	0.10	12.7500	1.28	_____
GASOLINE	gal	1.43	30.0520	42.97	_____
REPAIR & MAINTENANCE	acre	67.47	1.0000	67.47	_____
INTEREST ON OP. CAP.	acre	33.23	1.0000	33.23	_____

TOTAL DIRECT EXPENSES				689.10	_____
TOTAL FIXED EXPENSES				91.21	_____

TOTAL SPECIFIED EXPENSES				780.31	_____

Table 27.C 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, 2001.

Yield (Bushels)	-----Price Per Bushel-----				
	17.00	18.50	20.00	21.50	23.00
	-----Net Returns Per Acre-----				
20.00	-336.80	-306.80	-276.80	-246.80	-216.80
35.00	-87.95	-35.45	17.05	69.55	122.05
50.00	160.90	235.90	310.90	385.90	460.90
65.00	409.75	507.25	604.75	702.25	799.75
80.00	658.60	778.60	898.60	1018.60	1138.60

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, 2001.

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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	1.00	Feb	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk 2R	6 ft	43	0.570	2.00	Mar	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Treflan	pt											1.2500	3.19	3.99	3.99
Dual	pt											1.5000	8.06	12.09	12.09
Disk 2R	6 ft	43	0.570	1.00	Mar	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											400.0000	0.10	40.00	40.00
Hipper 1R	3 ft	23	1.530	2.00	Mar	13.24	5.37	1.35	1.92	3.366	25.25				47.12
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Planter 1R	3 ft	23	1.500	1.00	Mar	6.49	2.63	0.35	0.56	1.650	12.38				22.41
Snap bean seeds	lbs											60.0000	1.50	90.00	90.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Orthene	lbs											0.5000	10.21	5.11	5.11
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Orthene	lbs											0.5000	10.21	5.11	5.11
Bravo	pt											1.5000	6.48	9.72	9.72
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Basagran	pt											1.0000	8.71	8.71	8.71
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Diazinon	pt											0.5000	4.20	2.10	2.10
Benlate	lb											1.0000	16.50	16.50	16.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											1.0000	4.80	4.80	4.80
Benlate	lb											1.0000	16.50	16.50	16.50
Harvester, bean 1R	3 ft	68	1.000	1.00	Jun	8.36	3.66	8.03	12.49	1.100	8.25				40.79
Packing sacks	each											50.0000	0.49	24.50	24.50
Trailer utility	10 ft	23	1.000	1.00	Jun	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Packing line, dry	acre			1.00	Jun			1.52	8.76			1.0000			10.28
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			27.72	23.54	5.000	37.50				88.76
Fork lift			1.000	1.00	Jun			3.57	4.58	1.000	7.50				15.66
Disk 2R	6 ft	43	0.570	1.00	Jun	3.39	1.46	0.70	1.00	0.627	4.70				11.25
TOTALS						70.22	29.18	51.57	64.65	21.653	162.40			666.27	1044.29
INTEREST ON OPERATING CAPITAL															15.22
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1059.51

Table 28.B Summary of estimated costs per acre Beans (Snap), fresh market, one-row equipment, average yield, machine harvest, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	61.78	1.0000	61.78	_____
FUNGICIDES	acre	42.72	1.0000	42.72	_____
HERBICIDES	acre	36.41	1.0000	36.41	_____
INSECTICIDES	acre	17.11	1.0000	17.11	_____
PACK & HARVEST ITEMS	acre	305.75	1.0000	305.75	_____
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	1.17	11.8950	13.92	_____
ELECTRICITY	kWh	0.10	1.1500	0.12	_____
GASOLINE	gal	1.43	30.6080	43.77	_____
REPAIR & MAINTENANCE	acre	63.99	1.0000	63.99	_____
INTEREST ON OP. CAP.	acre	15.22	1.0000	15.22	_____

TOTAL DIRECT EXPENSES				965.68	_____
TOTAL FIXED EXPENSES				93.83	_____

TOTAL SPECIFIED EXPENSES				1059.51	_____

Table 28.C 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, 2001.

Yield (Bushels)	-----Price Per Bushel-----				
	9.00	10.50	12.00	13.50	15.00
	-----Net Returns Per Acre-----				
70.00	-248.02	-143.02	-38.02	66.98	171.98
85.00	-156.85	-29.35	98.15	225.65	353.15
100.00	-65.68	84.32	234.32	384.32	534.32
115.00	25.49	197.99	370.49	542.99	715.49
130.00	116.66	311.66	506.66	701.66	896.66

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, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk 6R	20 ft	143	0.100	2.00	Jul	3.48	2.34	1.54	2.19	0.220	1.65					11.20
Disk & herb appl	20 ft	143	0.100	1.00	Aug	1.74	1.17	0.82	1.17	0.110	0.83					5.73
Treflan	pt											1.0000	3.19	3.19		3.19
Fertilizer buggy	30 ft	93	0.060	1.00	Aug	0.32	0.44		0.33	0.066	0.50	700.0000	0.10	70.00		1.58
7-21-21	lb															70.00
Hipper 6R	20 ft	143	0.090	2.00	Aug	3.13	2.11	0.57	0.81	0.198	1.49					8.11
Planter, precision	2R 4 unit	68	0.600	1.00	Aug	5.02	2.19	3.06	4.51	0.660	4.95					19.73
Cabbage seed	lbs											0.7500	270.00	202.50		202.50
Irrig. Sys. 2 pipe	acin			1.00	Aug			4.48	27.70	0.740	5.55	2.0000				37.73
Other labor	hour			1.00	Aug							4.0000	7.50	30.00		30.00
Fertilizer applicatr	20 ft	93	0.090	1.00	Sep	0.49	0.66	0.24	0.34	0.099	0.74	150.0000	0.08	11.70		11.70
Ammonium Nitrate	33% lb															
Cultivator 6R	20 ft	143	0.100	1.00	Sep	1.74	1.17	0.29	0.41	0.110	0.83					4.43
Irrig. Sys. 2 pipe	acin			1.00	Sep			4.48		0.740	5.55	2.0000				10.03
Sprayer, boom	20 ft	93	0.120	1.00	Sep	1.41	0.88	0.26	0.28	0.132	0.99					3.82
Poast	pt											1.0000	9.90	9.90		9.90
Crop oil	pt											2.0000	0.86	1.72		1.72
Fertilizer applicatr	20 ft	93	0.090	1.00	Sep	0.49	0.66	0.24	0.34	0.099	0.74	150.0000	0.08	11.70		11.70
Ammonium Nitrate	33% lb															
Cultivator 6R	20 ft	143	0.100	1.00	Sep	1.74	1.17	0.29	0.41	0.110	0.83					4.43
Irrig. Sys. 2 pipe	acin			1.00	Sep			4.48		0.740	5.55	2.0000				10.03
Sprayer, boom	20 ft	93	0.120	1.00	Sep	1.41	0.88	0.26	0.28	0.132	0.99					3.82
Ambush	pt											0.2500	13.76	3.44		3.44
Dipel	pt											1.0000	3.40	3.40		3.40
Pennacap M	pt											1.0000	3.30	3.30		3.30
Buffer	pt											1.0000	2.00	2.00		2.00
Sprayer, boom	20 ft	93	0.120	1.00	Oct	1.41	0.88	0.26	0.28	0.132	0.99					3.82
Ambush	pt											0.2500	13.76	3.44		3.44
Dipel	pt											1.0000	3.40	3.40		3.40
Pennacap M	pt											1.0000	3.30	3.30		3.30
Buffer	pt											1.0000	2.00	2.00		2.00
Fertilizer applicatr	20 ft	93	0.090	1.00	Oct	0.49	0.66	0.24	0.34	0.099	0.74	150.0000	0.08	11.70		11.70
Ammonium Nitrate	33% lb															
Cultivator 6R	20 ft	143	0.100	1.00	Oct	1.74	1.17	0.29	0.41	0.110	0.83					4.43
Irrig. Sys. 2 pipe	acin			1.00	Oct			4.48		0.740	5.55	2.0000				10.03
Sprayer, boom	20 ft	93	0.120	2.00	Oct	2.81	1.76	0.53	0.57	0.264	1.98					7.64
Ambush	pt											0.5000	13.76	6.88		6.88
Dipel	pt											2.0000	3.40	6.80		6.80
Pennacap M	pt											2.0000	3.30	6.60		6.60
Bravo	pt											1.5000	6.48	9.72		9.72
Buffer	pt											2.0000	2.00	4.00		4.00
Irrig. Sys. 2 pipe	acin			1.00	Oct			4.48		0.740	5.55	2.0000				10.03
Sprayer, boom	20 ft	93	0.120	1.00	Nov	1.41	0.88	0.26	0.28	0.132	0.99					3.82
Ambush	pt											0.2500	13.76	3.44		3.44
Dipel	pt											1.0000	3.40	3.40		3.40
Pennacap M	pt											1.0000	3.30	3.30		3.30
Bravo	pt											0.7500	6.48	4.86		4.86
Buffer	pt											1.0000	2.00	2.00		2.00
Irrig. Sys. 2 pipe	acin			1.00	Nov			4.48		0.740	5.55	2.0000				10.03
Sprayer, boom	20 ft	93	0.120	1.00	Nov	1.41	0.88	0.26	0.28	0.132	0.99					3.82
Ambush	pt											0.2500	13.76	3.44		3.44
Dipel	pt											1.0000	3.40	3.40		3.40
Pennacap M	pt											1.0000	3.30	3.30		3.30
Bravo	pt											0.7500	6.48	4.86		4.86
Buffer	pt											1.0000	2.00	2.00		2.00
Trailer utility	10 ft	23	1.000	1.00	Nov	4.33	1.76	0.27	0.95	1.100	8.25					15.55
Harvest labor	hour											12.0000	7.50	90.00		90.00
Packing sacks	each											700.0000	0.49	343.00		343.00
Packing labor	hour											8.0000	7.50	60.00		60.00
Trailer utility	10 ft	23	1.000	2.00	Dec	8.66	3.51	0.53	1.90	2.200	16.50					31.11
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	1.74	1.17	0.77	1.10	0.110	0.83					5.60
TOTALS																
INTEREST ON OPERATING CAPITAL						44.94	26.32	37.86	44.89	10.655	79.91			1312.03		1545.95
UNALLOCATED LABOR																28.74
TOTAL SPECIFIED COST																0.00
																1574.69

Table 29.B Summary of estimated costs per acre Cabbage, hybrid, double drilled seedbed, irrigated, fresh market, six-row equipment, average yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	105.10	1.0000	105.10	_____
FUNGICIDES	acre	14.58	1.0000	14.58	_____
HERBICIDES	acre	14.81	1.0000	14.81	_____
HIRED LABOR	acre	30.00	1.0000	30.00	_____
INSECTICIDES	acre	69.54	1.0000	69.54	_____
PACK & HARVEST ITEMS	acre	343.00	1.0000	343.00	_____
SEED	acre	202.50	1.0000	202.50	_____
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	1.17	31.1040	36.39	_____
GASOLINE	gal	1.43	4.8000	6.86	_____
REPAIR & MAINTENANCE	acre	39.55	1.0000	39.55	_____
INTEREST ON OP. CAP.	acre	28.74	1.0000	28.74	_____

TOTAL DIRECT EXPENSES				1503.48	_____
TOTAL FIXED EXPENSES				71.21	_____

TOTAL SPECIFIED EXPENSES				1574.69	_____

Table 29.C Effects of yields and prices on net returns per acre above total direct expenses, Cabbage, hybrid, fresh market, double drilled seedbed, irrigated, six-row equipment, production parameters specified by Extension Horticulture Specialist, Louisiana, 2001.

Yield (Sacks)	-----Price Per Sack-----				
	1.75	2.50	3.25	4.00	4.75
	-----Net Returns Per Acre-----				
500.00	-273.48	101.52	476.52	851.52	1226.52
600.00	-275.98	174.02	624.02	1074.02	1524.02
700.00	-278.48	246.52	771.52	1296.52	1821.52
800.00	-280.98	319.02	919.02	1519.02	2119.02
900.00	-283.48	391.52	1066.52	1741.52	2416.52

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, 2001.

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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	3.00	Feb	10.16	4.38	2.11	3.00	1.881	14.11				33.75
Hipper-fert dist	3 ft	23	1.550	1.00	Feb	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											600.0000	0.10	60.00	60.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Planter 1R	3 ft	23	1.500	1.00	Mar	6.49	2.63	0.35	0.56	1.650	12.38				22.41
Cucumber seed/pickle	lbs											1.0000	48.00	48.00	48.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Curbit	pt											3.5000	4.07	14.25	14.25
Irrig. Sys. 2 pipe	acin			1.00	Mar			4.48	27.70	0.740	5.55	2.0000			37.73
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33%	lb											150.0000	0.08	11.70	11.70
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.64	0.67	0.52	0.56	0.418	3.14				6.53
Ambush	pt											1.0000	13.76	13.76	13.76
Buffer	pt											2.0000	2.00	4.00	4.00
Benlate	lb											1.0000	16.50	16.50	16.50
Trailer utility	10 ft	23	1.000	1.00	Apr	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Stake replacement	100											10.0000	15.00	150.00	150.00
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	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ambush	pt											0.5000	13.76	6.88	6.88
Bravo	pt											1.5000	6.48	9.72	9.72
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	1.35	1.92	1.683	12.62				25.19
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	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ambush	pt											0.5000	13.76	6.88	6.88
Bravo	pt											1.5000	6.48	9.72	9.72
Benlate	lb											0.5000	16.50	8.25	8.25
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	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Quadris	pt											0.7000	37.00	25.90	25.90
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
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			4.48		0.740	5.55	2.0000			10.03
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											0.6000	4.80	2.88	2.88
Bravo	pt											1.5000	6.48	9.72	9.72
Benlate	lb											0.5000	16.50	8.25	8.25
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Quadris	pt											0.7000	37.00	25.90	25.90
Irrig. Sys. 2 pipe	acin			1.00	May			4.48		0.740	5.55	2.0000			10.03
Sprayer, boom	12 ft	23	0.190	2.00	Jun	1.64	0.67	0.52	0.56	0.418	3.14				6.53
Sevin	lbs											1.2000	4.80	5.76	5.76
Bravo	pt											3.0000	6.48	19.44	19.44
Benlate	lb											1.0000	16.50	16.50	16.50
Buffer	pt											2.0000	2.00	4.00	4.00

Table 30. A (continued)

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES		TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
				OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
												dollars			
Irrig. Sys. 2 pipe	acin			1.00	Jun			4.48		0.740	5.55	2.0000			10.03
Trailer utility	10 ft	23	1.000	1.00	Jun	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Harvest labor	hour											55.0000	7.50	412.50	412.50
Packing boxes	each											190.0000	1.01	191.90	191.90
Harvest container	each											8.0000	3.00	24.00	24.00
Pack line/wet/small	acre			1.00	Jun			2.53	12.52			1.0000			15.05
Packing labor	hour											15.0000	7.50	112.50	112.50
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											0.6000	4.80	2.88	2.88
Bravo	pt											1.5000	6.48	9.72	9.72
Benlate	lb											0.5000	16.50	8.25	8.25
Irrig. Sys. 2 pipe	acin			1.00	Jul			4.48		0.740	5.55	2.0000			10.03
Trailer utility	10 ft	23	1.000	1.00	Jul	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Harvest labor	hour											55.0000	7.50	412.50	412.50
Packing boxes	each											190.0000	1.01	191.90	191.90
Pack line/wet/small	acre			1.00	Jul			2.53				1.0000			2.53
Packing labor	hour											15.0000	7.50	112.50	112.50
Trailer utility	10 ft	23	1.000	1.00	Jul	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Other labor	hour											15.0000	7.50	112.50	112.50
Disk 2R	6 ft	43	0.570	2.00	Jul	6.77	2.92	1.40	2.00	1.254	9.40				22.50
TOTALS						77.53	31.88	41.12	64.93	22.235	166.76			2826.96	3209.17
INTEREST ON OPERATING CAPITAL															62.11
TOTAL SPECIFIED COST															3271.28

Table 30. B Summary of estimated costs per acre Cucumber, hybrid, trellis, skip row, fresh market, one-row equipment, irrigated, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	93.48	1.0000	93.48	_____
FUNGICIDES	acre	167.87	1.0000	167.87	_____
HERBICIDES	acre	25.87	1.0000	25.87	_____
HIRED LABOR	acre	735.00	1.0000	735.00	_____
INSECTICIDES	acre	53.04	1.0000	53.04	_____
PACK & HARVEST ITEMS	acre	407.80	1.0000	407.80	_____
SEED	acre	48.00	1.0000	48.00	_____
STAKES & TWINE	acre	235.50	1.0000	235.50	_____
CUSTOM	acre	10.40	1.0000	10.40	_____
HARVEST LABOR	acre	1050.00	1.0000	1050.00	_____
OPERATOR LABOR	hour	7.50	18.5350	139.01	_____
IRRIGATION LABOR	hour	7.50	3.7000	27.75	_____
DIESEL FUEL	gal	1.17	21.7950	25.50	_____
ELECTRICITY	kWh	0.10	10.5000	1.05	_____
GASOLINE	gal	1.43	22.4000	32.03	_____
REPAIR & MAINTENANCE	acre	60.06	1.0000	60.06	_____
INTEREST ON OP. CAP.	acre	62.11	1.0000	62.11	_____
TOTAL DIRECT EXPENSES				3174.47	_____
TOTAL FIXED EXPENSES				96.81	_____
TOTAL SPECIFIED EXPENSES				3271.28	_____

Table 30. C 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, 2001.

Yield (Bushels)	Price Per Bushel				
	4.25	5.75	7.25	8.75	10.25
	-----Net Returns Per Acre-----				
280.00	-1627.89	-1207.89	-787.89	-367.89	52.11
330.00	-1593.68	-1098.68	-603.68	-108.68	386.32
380.00	-1559.47	-989.47	-419.47	150.53	720.53
430.00	-1525.26	-880.26	-235.26	409.74	1054.74
480.00	-1491.05	-771.05	-51.05	668.95	1388.95

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, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	115.18	1.0000	115.18	_____
HERBICIDES	acre	36.79	1.0000	36.79	_____
HIRED LABOR	acre	570.00	1.0000	570.00	_____
INSECTICIDES	acre	62.29	1.0000	62.29	_____
PACK & HARVEST ITEMS	acre	428.00	1.0000	428.00	_____
STAKES & TWINE	acre	255.00	1.0000	255.00	_____
PLANTS	acre	106.25	1.0000	106.25	_____
HARVEST LABOR	acre	975.00	1.0000	975.00	_____
OPERATOR LABOR	hour	7.50	28.4560	213.42	_____
DIESEL FUEL	gal	1.17	11.2050	13.11	_____
GASOLINE	gal	1.43	36.1160	51.65	_____
REPAIR & MAINTENANCE	acre	76.48	1.0000	76.48	_____
INTEREST ON OP. CAP.	acre	81.48	1.0000	81.48	_____

TOTAL DIRECT EXPENSES				2984.64	_____
TOTAL FIXED EXPENSES				86.99	_____

TOTAL SPECIFIED EXPENSES				3071.63	_____

Table 31.C 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, 2001.

Yield (Bushels)	-----Price Per Bushel-----				
	5.75	6.75	7.75	8.75	9.75
	-----Net Returns Per Acre-----				
340.00	-812.14	-472.14	-132.14	207.86	547.86
370.00	-748.39	-378.39	-8.39	361.61	731.61
400.00	-684.64	-284.64	115.36	515.36	915.36
430.00	-620.89	-190.89	239.11	669.11	1099.11
460.00	-557.14	-97.14	362.86	822.86	1282.86

Table 32. A (continued)

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----						-----dollars-----			
Trailer utility	10 ft	23	1.000	1.00	Jul	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Harvest labor	hour											40.0000	7.50	300.00	300.00
Packing labor	hour											20.0000	7.50	150.00	150.00
Packing boxes	each											300.0000	1.01	303.00	303.00
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ambush	pt											0.8000	13.76	11.01	11.01
Buffer	pt											1.0000	2.00	2.00	2.00
Other labor	hour			1.00	Aug							2.5000	7.50	18.75	18.75
Shredder 1R	5 ft	23	0.740	1.00	Aug	3.20	1.30	0.36	0.93	0.814	6.11				11.89
Trailer utility	10 ft	23	1.000	1.00	Aug	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Other labor	hour											8.0000	7.50	60.00	60.00
Coulter	1 row	23	1.500	1.00	Sep	6.49	2.63	0.64	0.94	1.650	12.38				23.08
Other labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	1/2 ton		1.000	1.00	Sep			5.54	4.71	1.000	7.50				17.75
Disk 2R	6 ft	43	0.570	2.00	Sep	6.77	2.92	1.40	2.00	1.254	9.40				22.50
TOTALS						109.18	44.87	104.65	100.98	38.369	287.77			3367.18	4014.63
INTEREST ON OPERATING CAPITAL															139.39
TOTAL SPECIFIED COST															4154.02

Table 32. B Summary of estimated costs per acre Eggplant, plastic mulch, trellis, fresh market, one-row equipment, 60" skip rows, drip irrigation, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	172.28	1.0000	172.28	_____
FUNGICIDES	acre	9.72	1.0000	9.72	_____
HERBICIDES	acre	10.50	1.0000	10.50	_____
HIRED LABOR	acre	618.75	1.0000	618.75	_____
INSECTICIDES	acre	98.93	1.0000	98.93	_____
PACK & HARVEST ITEMS	acre	606.00	1.0000	606.00	_____
STAKES & TWINE	acre	305.00	1.0000	305.00	_____
PLASTIC	acre	504.00	1.0000	504.00	_____
PLANTS	acre	106.25	1.0000	106.25	_____
CUSTOM	acre	35.75	1.0000	35.75	_____
HARVEST LABOR	acre	900.00	1.0000	900.00	_____
OPERATOR LABOR	hour	7.50	30.1690	226.27	_____
HAND LABOR	hour	7.50	6.0000	45.00	_____
IRRIGATION LABOR	hour	7.50	2.2000	16.50	_____
DIESEL FUEL	gal	1.17	10.3950	12.16	_____
ELECTRICITY	kWh	0.10	568.7000	56.87	_____
GASOLINE	gal	1.43	34.4040	49.20	_____
REPAIR & MAINTENANCE	acre	95.60	1.0000	95.60	_____
INTEREST ON OP. CAP.	acre	139.39	1.0000	139.39	_____
TOTAL DIRECT EXPENSES				4008.17	_____
TOTAL FIXED EXPENSES				145.85	_____
TOTAL SPECIFIED EXPENSES				4154.02	_____

Table 32. C Effects of yields and prices on net returns per acre above total direct expenses, Eggplant, plastic mulch, standard trellis, one-row equipment, 60" skip rows, fresh market, drip irrigation, high yield, 2001.

Yield (Bushels)	Price Per Bushel				
	5.75	6.75	7.75	8.75	9.75
-----Net Returns Per Acre-----					
520.00	-758.17	-238.17	281.83	801.83	1321.83
560.00	-658.17	-98.17	461.83	1021.83	1581.83
600.00	-558.17	41.83	641.83	1241.83	1841.83
640.00	-458.17	181.83	821.83	1461.83	2101.83
680.00	-358.17	321.83	1001.83	1681.83	2361.83

Table 33.A Estimated resource use and costs per acre for field operations Southern Peas, fresh market, one-row equipment, machine harvest, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	2.00	Feb	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Disk 2R	6 ft	43	0.570	1.00	Mar	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											300.0000	0.10	30.00	30.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Planter 1R	3 ft	23	1.500	1.00	Apr	6.49	2.63	0.35	0.56	1.650	12.38				22.41
Southern pea seed	lbs											45.0000	1.60	72.00	72.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Dual	pt											1.5000	8.06	12.09	12.09
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Thiodan	lb											1.0000	6.00	6.00	6.00
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Pursuit	oz											2.0000	10.29	20.58	20.58
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											1.2500	4.80	6.00	6.00
Cultivator 1R	3 ft	23	1.530	1.00	Jun	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Thiodan	lb											1.0000	6.00	6.00	6.00
Harvester, bean 1R	3 ft	68	1.000	1.00	Jul	8.36	3.66	8.03	12.49	1.100	8.25				40.79
Packing sacks	each											25.0000	0.49	12.25	12.25
Trailer utility	10 ft	23	1.000	1.00	Jul	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Sheller, bean/pea	acre			1.00	Jul			4.88	7.55	6.500	48.75	1.0000			61.18
Packing labor	hour											6.0000	7.50	45.00	45.00
plastic bag, sealing	each											75.0000	0.10	7.50	7.50
Pickup truck	1/2 ton		1.000	3.00	Jul			16.63	14.12	3.000	22.50				53.25
Disk 2R	6 ft	43	0.570	1.00	Jul	3.39	1.46	0.70	1.00	0.627	4.70				11.25
TOTALS						65.19	27.05	39.72	48.84	24.108	180.81			239.20	600.81
INTEREST ON OPERATING CAPITAL															25.84
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															626.65

Table 33.B Summary of estimated costs per acre Southern Peas, fresh market, one-row equipment, machine harvest, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	51.78	1.0000	51.78	_____
HERBICIDES	acre	32.67	1.0000	32.67	_____
INSECTICIDES	acre	18.00	1.0000	18.00	_____
PACK & HARVEST ITEMS	acre	19.75	1.0000	19.75	_____
SEED	acre	72.00	1.0000	72.00	_____
HARVEST LABOR	acre	45.00	1.0000	45.00	_____
OPERATOR LABOR	hour	7.50	17.6080	132.06	_____
HAND LABOR	hour	7.50	6.5000	48.75	_____
DIESEL FUEL	gal	1.17	10.3560	12.12	_____
ELECTRICITY	kWh	0.10	12.7500	1.28	_____
GASOLINE	gal	1.43	23.5000	33.61	_____
REPAIR & MAINTENANCE	acre	57.91	1.0000	57.91	_____
INTEREST ON OP. CAP.	acre	25.84	1.0000	25.84	_____

TOTAL DIRECT EXPENSES				550.75	_____
TOTAL FIXED EXPENSES				75.89	_____

TOTAL SPECIFIED EXPENSES				626.65	_____

Table 33.C Effects of yields and prices on net returns per acre above total direct expenses, Southern Peas, fresh market, one-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 2001.

Yield (Bushels)	-----Price Per Bushel-----				
	14.00	16.00	18.00	20.00	22.00
	-----Net Returns Per Acre-----				
45.00	97.55	187.55	277.55	367.55	457.55
60.00	298.40	418.40	538.40	658.40	778.40
75.00	499.25	649.25	799.25	949.25	1099.25
90.00	700.10	880.10	1060.10	1240.10	1420.10
105.00	900.95	1110.95	1320.95	1530.95	1740.95

Table 34.A Estimated resource use and costs per acre for field operations, Pumpkins, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Line (spread)	cwt			1.00	Jun							6.6000	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	1.00	Jun	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk 2R	6 ft	43	0.570	1.00	Jul	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk & herb appl	2R 6 ft	23	0.590	1.00	Jul	2.55	1.04	0.83	1.18	0.649	4.87				10.47
Command	qt											1.0000	15.88	15.88	15.88
Hipper-fert dist	1R 3 ft	23	1.550	1.00	Jul	6.71	2.72	1.82	2.59	1.705	12.79				26.62
8-24-24	lb											500.0000	0.10	50.00	50.00
Hipper 1R	3 ft	23	1.530	1.00	Jul	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Conditioner, row 1R	6 ft	23	0.410	1.00	Jul	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Planter 1R	3 ft	23	1.500	1.00	Jul	6.49	2.63	0.35	0.56	1.650	12.38				22.41
Pumpkin seed	lbs											2.5000	40.00	100.00	100.00
Irrigation, furrow	acin			1.00	Jul			7.00	55.50	2.000	15.00	2.0000			77.50
Ditcher	1.5 ft	23	0.050	0.50	Jul	0.11	0.04	0.06	0.08	0.028	0.21				0.49
Cultivator 1R	3 ft	23	1.530	1.00	Aug	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	Aug	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Thiodan	lb											0.5000	6.00	3.00	3.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Aug	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate	33% lb											100.0000	0.08	7.80	7.80
Irrigation, furrow	acin			1.00	Aug			7.00		2.000	15.00	2.0000			22.00
Cultivator 1R	3 ft	23	1.530	1.00	Aug	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Ditcher	1.5 ft	23	0.050	1.00	Aug	0.22	0.09	0.11	0.16	0.055	0.41				0.98
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											0.6000	4.80	2.88	2.88
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Ridomil + Bravo	lb											2.0000	17.50	35.00	35.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Poast	pt											1.0000	9.90	9.90	9.90
Crop oil	pt											2.0000	0.86	1.72	1.72
Cultivator 1R	3 ft	23	1.530	1.00	Sep	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Irrigation, furrow	acin			1.00	Sep			7.00		2.000	15.00	2.0000			22.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											0.6000	4.80	2.88	2.88
Ridomil + Bravo	lb											2.0000	17.50	35.00	35.00
Irrigation, furrow	acin			1.00	Oct			7.00		2.000	15.00	2.0000			22.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											0.6000	4.80	2.88	2.88
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Benlate	lb											0.5000	16.50	8.25	8.25
Ridomil + Bravo	lb											2.0000	17.50	35.00	35.00
Harvest labor	hour			1.00	Oct							30.0000	7.50	225.00	225.00
Trailer utility	10 ft	23	1.000	2.00	Oct	8.66	3.51	0.53	1.90	2.200	16.50				31.11
Pickup truck	1/2 ton		1.000	10.00	Oct			55.44	47.08	10.000	75.00				177.51
Shredder 2R	6.7 ft	43	0.390	1.00	Oct	2.32	1.00	0.31	0.81	0.429	3.22				7.66
Disk 2R	6 ft	43	0.570	1.00	Oct	3.39	1.46	0.70	1.00	0.627	4.70				11.25
TOTALS						78.20	32.04	98.13	124.43	37.014	277.60			556.97	1167.37
INTEREST ON OPERATING CAPITAL															17.15
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1184.52

Table 34.B Summary of estimated costs per acre Pumpkins, irrigated,
fresh market, one-row equipment, average yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	79.58	1.0000	79.58	_____
FUNGICIDES	acre	113.25	1.0000	113.25	_____
HERBICIDES	acre	27.50	1.0000	27.50	_____
INSECTICIDES	acre	11.64	1.0000	11.64	_____
SEED	acre	100.00	1.0000	100.00	_____
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	1.17	5.6700	6.63	_____
ELECTRICITY	kWh	0.10	48.0000	4.80	_____
GASOLINE	gal	1.43	49.2960	70.49	_____
REPAIR & MAINTENANCE	acre	94.40	1.0000	94.40	_____
INTEREST ON OP. CAP.	acre	17.15	1.0000	17.15	_____

TOTAL DIRECT EXPENSES				1028.05	_____
TOTAL FIXED EXPENSES				156.47	_____

TOTAL SPECIFIED EXPENSES				1184.52	_____

Table 34.C 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, 2001.

Yield (Cwt)	-----Price Per Cwt-----				
	5.00	6.00	7.00	8.00	9.00
	-----Net Returns Per Acre-----				
110.00	-410.55	-300.55	-190.55	-80.55	29.45
140.00	-294.30	-154.30	-14.30	125.70	265.70
170.00	-178.05	-8.05	161.95	331.95	501.95
200.00	-61.80	138.20	338.20	538.20	738.20
230.00	54.45	284.45	514.45	744.45	974.45

Table 35.A Estimated resource use and costs per acre for field operations Strawberries, irrigated, fresh market, plastic mulch, row covers, 4-row equipment, high yield, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	May							6.6700	3.30	22.01	22.01
Disk 6R	20 ft	143	0.100	2.00	May	3.48	2.34	1.54	2.19	0.220	1.65				11.20
Hipper 4R	13.3 ft	68	0.160	1.00	Jun	1.34	0.59	0.32	0.45	0.176	1.32				4.01
Fertilizer dist (PTO)	20 ft	23	0.110	1.00	Jun	0.48	0.19	0.10	0.15	0.121	0.91				1.83
Southern pea seed	lbs											40.0000	1.60	64.00	64.00
Harrow, spike	18 ft	68	0.080	1.00	Jun	0.67	0.29	0.07	0.10	0.088	0.66				1.79
Shredder 2R	6.7 ft	43	0.390	1.00	Aug	2.32	1.00	0.31	0.81	0.429	3.22				7.66
Middle buster 4R	4R	93	0.300	1.00	Aug	3.52	2.19	0.46	0.66	0.330	2.48				9.30
Fertilizer applicatr	20 ft	93	0.090	1.00	Sep	0.49	0.66	0.24	0.34	0.099	0.74				2.46
Nitrogen	lb											75.0000	0.08	5.85	5.85
Phosphorus	lb											170.0000	0.11	19.38	19.38
Potash	lb											160.0000	0.08	12.80	12.80
Hipper 4R	13.3 ft	68	0.160	1.00	Sep	1.34	0.59	0.32	0.45	0.176	1.32				4.01
Ditcher	1.5 ft	23	0.050	1.00	Sep	0.22	0.09	0.11	0.16	0.055	0.41				0.98
Row shaper	4R	68	0.300	1.00	Sep	2.51	1.10	0.79	1.13	0.330	2.48				8.00
Ditcher	1.5 ft	23	0.050	1.00	Sep	0.22	0.09	0.11	0.16	0.055	0.41				0.98
Plastic & fumigation	5 ft	23	1.500	1.00	Sep	6.49	2.63	2.39	4.98	4.650	34.88				51.36
Pickup truck	1/2 ton		1.000					5.54	4.71	1.000	7.50				17.75
Irrigate/fert, drip	each							11.24	289.00			1.0000			300.24
Plastic	roll											5.0000	64.00	320.00	320.00
Methyl bromide	lbs											200.0000	1.95	390.00	390.00
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
Trailer utility	10 ft	23	1.000	1.00	Sep	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Other labor	hour											12.0000	7.50	90.00	90.00
Hole puncher 4R	4 row	68	0.330	1.00	Sep			0.79	1.65						2.44
Trailer utility	10 ft	23	1.000	1.00	Oct	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Pickup truck	1/2 ton		1.000					5.54	4.71	1.000	7.50				17.75
Strawberry plants	1000											15.0000	75.00	1125.00	1125.00
Contract planting,	1 1000											15.0000	18.75	281.25	281.25
Irrigation, drip	acin			2.00	Oct			14.80	60.00	0.400	3.00	2.0000			77.80
CaNO3, regular	lb											20.0000	0.23	4.60	4.60
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Princep	lb											0.7000	3.50	2.45	2.45
Gramoxone	pt											2.0000	3.80	7.60	7.60
Surfactant	pt											1.0000	2.00	2.00	2.00
Irrigation, drip	acin			2.00	Nov			14.80		0.400	3.00	2.0000			17.80
CaNO3, regular	lb											20.0000	0.23	4.60	4.60
Trailer small	8 ft	23	1.000	1.00	Dec	4.33	1.76	0.24	0.86	1.100	8.25				15.43
Pickup truck	1/2 ton		1.000					5.54	4.71	1.000	7.50				17.75
Row covers	roll											2.0000	435.00	870.00	870.00
Other labor	hour											12.0000	7.50	90.00	90.00
Rice Bags	100											2.0000	20.00	40.00	40.00
Sprayer, boom	12 ft	23	0.190	4.00	Dec	3.29	1.33	1.05	1.12	0.836	6.27				13.06
Tribasic Copper	lb											6.0000	2.55	15.30	15.30
Irrigation, drip	acin			2.00	Dec			14.80		0.400	3.00	2.0000			17.80
CaNO3, regular	lb											20.0000	0.23	4.60	4.60
Irrigation, drip	acin			2.00	Jan			14.80		0.400	3.00	2.0000			17.80
CaNO3, regular	lb											20.0000	0.23	4.60	4.60
Sprayer, boom	12 ft	23	0.190	8.00	Jan	6.58	2.67	2.09	2.25	1.672	12.54				26.12
Benlate	lb											4.0000	16.50	66.00	66.00
Captan	lb											16.0000	2.80	44.80	44.80
Irrigation, drip	acin			2.00	Feb			14.80		0.400	3.00	2.0000			17.80
CaNO3, regular	lb											20.0000	0.23	4.60	4.60
Sprayer, boom	12 ft	23	0.190	4.00	Feb	3.29	1.33	1.05	1.12	0.836	6.27				13.06
Captan	lb											8.0000	2.80	22.40	22.40
Rovral	pt											6.0000	20.00	120.00	120.00
Irrigation, drip	acin			2.00	Mar			14.80		0.400	3.00	2.0000			17.80
CaNO3, regular	lb											20.0000	0.23	4.60	4.60
Sprayer, boom	12 ft	23	0.190	2.00	Mar	1.64	0.67	0.52	0.56	0.418	3.14				6.53
Quadris	pt											0.6000	37.00	22.20	22.20
AgriMek	pt											1.0000	75.62	75.62	75.62

Table 35.A (continued)

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						dollars		dollars		dollars		dollars			
Truck	1 ton		1.000	1.00	Mar			7.48	7.98	1.100	8.25				23.71
Harvest labor	flat											900.0000	1.25	1125.00	1125.00
Flats	each											900.0000	1.43	1287.00	1287.00
Irrigation, drip	acin			1.00	Mar			14.80		0.400	3.00	2.0000			17.80
CaNO3, regular	lb											10.0000	0.23	2.30	2.30
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.64	0.67	0.52	0.56	0.418	3.14				6.53
Quadris	pt											0.6000	37.00	22.20	22.20
AgriMek	pt											1.0000	75.62	75.62	75.62
Irrigation, drip	acin			2.00	Apr			14.80		0.400	3.00	2.0000			17.80
CaNO3, regular	lb											20.0000	0.23	4.60	4.60
Truck	1 ton		1.000	1.00	Apr			7.48	7.98	1.100	8.25				23.71
Harvest labor	flat											900.0000	1.25	1125.00	1125.00
Flats	each											900.0000	1.43	1287.00	1287.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Gramxone	pt											2.0000	3.80	7.60	7.60
Surfactant	pt											1.0000	2.00	2.00	2.00
Coulter	1 row	23	1.500	1.00	Jun	6.49	2.63	0.64	0.94	1.650	12.38				23.08
Trailer utility	10 ft	23	1.000	1.00	Jun	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Truck	1 ton		1.000					7.48	7.98	1.100	8.25				23.71
Other labor	hour											15.0000	7.50	112.50	112.50
TOTALS						64.95	28.75	183.68	411.11	26.877	201.58			9307.5810	197.65
INTEREST ON OPERATING CAPITAL															295.19
TOTAL SPECIFIED COST															10492.84

Table 35.B Summary of estimated costs per acre Strawberries, irrigated, fresh market, plastic mulch, row covers, 4-row equipment, high yield, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	94.54	1.0000	94.54	-----
FUNGICIDES	acre	312.90	1.0000	312.90	-----
HERBICIDES	acre	21.65	1.0000	21.65	-----
HIRED LABOR	acre	671.25	1.0000	671.25	-----
INSECTICIDES	acre	151.24	1.0000	151.24	-----
PACK & HARVEST ITEMS	acre	2574.00	1.0000	2574.00	-----
SEED	acre	64.00	1.0000	64.00	-----
PLASTIC	acre	743.00	1.0000	743.00	-----
FUMGANT	acre	390.00	1.0000	390.00	-----
PLANTS	acre	1125.00	1.0000	1125.00	-----
HARVEST LABOR	acre	2250.00	1.0000	2250.00	-----
ROW COVERS	acre	910.00	1.0000	910.00	-----
OPERATOR LABOR	hour	7.50	23.6770	177.58	-----
IRRIGATION LABOR	hour	7.50	3.2000	24.00	-----
DIESEL FUEL	gal	1.17	7.2330	8.46	-----
ELECTRICITY	kWh	0.10	834.4000	83.44	-----
GASOLINE	gal	1.43	34.7240	49.66	-----
REPAIR & MAINTENANCE	acre	107.07	1.0000	107.07	-----
INTEREST ON OP. CAP.	acre	295.19	1.0000	295.19	-----
TOTAL DIRECT EXPENSES				10052.97	-----
TOTAL FIXED EXPENSES				439.86	-----
TOTAL SPECIFIED EXPENSES				10492.84	-----

Table 35C. Effects of yields and prices on net returns per acre above total direct expenses, Strawberries, irrigated, fresh market, 4-row equipment, row covers, high yield, Louisiana, 2001.

Yield (Flat)	Price Per Flat				
	5.00	7.00	9.00	11.00	13.00
-----Net Returns Per Acre-----					
1400.00	-2152.29	647.71	3447.71	6247.71	9047.71
1600.00	-1602.29	1597.71	4797.71	7997.71	11197.71
1800.00	-1052.29	2547.71	6147.71	9747.71	13347.71
2000.00	-502.29	3497.71	7497.71	11497.71	15497.71
2200.00	47.71	4447.71	8847.71	13247.71	17647.71

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, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	cwt			1.00	Jan							6.6000	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	1.00	Jan	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk 2R	6 ft	43	0.570	2.00	Feb	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Hipper 1R	3 ft	23	1.530	1.00	Feb	6.62	2.69	0.67	0.96	1.683	12.62				23.56
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.71	2.72	1.82	2.59	1.705	12.79				26.62
13-13-13	lb											700.0000	0.10	70.00	70.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sencor	pt											1.0000	2.36	2.36	2.36
Treflan	pt											1.0000	3.19	3.19	3.19
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.77	0.72	0.27	0.38	0.451	3.38				6.53
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	3.25	1.32	0.63	1.03	0.825	6.19				12.41
Trailer utility	10 ft	23	1.000	1.00	Mar	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Tomato plants	100											25.0000	6.80	170.00	170.00
Planting labor	hour											30.0000	7.50	225.00	225.00
Trailer, water	10 ft	43	1.000	1.00	Mar	5.94	2.56	0.63	2.57	1.100	8.25				19.95
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sencor	pt											1.0000	2.36	2.36	2.36
Trailer utility	10 ft	23	1.000	1.00	Mar	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Stake replacement	100											12.0000	15.00	180.00	180.00
Other labor	hour											15.0000	7.50	112.50	112.50
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Bravo	pt											2.0000	6.48	12.96	12.96
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Apr	4.33	1.76	0.27	0.95	1.100	8.25				15.55
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	1.64	0.67	0.52	0.56	0.418	3.14				6.53
Manzate	lb											4.0000	2.70	10.80	10.80
Kocide	lb											4.0000	3.46	13.84	13.84
Lannate	pt											6.0000	5.92	35.52	35.52
Buffer	pt											2.0000	2.00	4.00	4.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33%	lb											150.0000	0.08	11.70	11.70
Trailer utility	10 ft	23	1.000	1.00	Apr	4.33	1.76	0.27	0.95	1.100	8.25				15.55
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	1.64	0.67	0.52	0.56	0.418	3.14				6.53
Bravo	pt											4.0000	6.48	25.92	25.92
Buffer	pt											2.0000	2.00	4.00	4.00
Ambush	pt											1.0000	13.76	13.76	13.76
Trailer utility	10 ft	23	1.000	1.00	May	4.33	1.76	0.27	0.95	1.100	8.25				15.55
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	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Manzate	lb											2.0000	2.70	5.40	5.40
Kocide	lb											2.0000	3.46	6.92	6.92
Lannate	pt											3.0000	5.92	17.76	17.76
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Ammonium Nitrate 33%	lb											150.0000	0.08	11.70	11.70
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Quadris	pt											0.2500	37.00	9.25	9.25
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Bravo	pt											2.0000	6.48	12.96	12.96
Sevin	lbs											1.2500	4.80	6.00	6.00
Buffer	pt											1.2500	2.00	2.50	2.50
Sprayer, boom	12 ft	23	0.190	2.00	May	1.64	0.67	0.52	0.56	0.418	3.14				6.53
Ridomil + Bravo	lb											4.0000	17.50	70.00	70.00
Sevin	lbs											2.5000	4.80	12.00	12.00
Buffer	pt											2.5000	2.00	5.00	5.00
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	2.00	Jun	1.64	0.67	0.52	0.56	0.418	3.14				6.53
Quadris	pt											0.5000	37.00	18.50	18.50
Trailer utility	10 ft	23	1.000	2.00	Jun	8.66	3.51	0.53	1.90	2.200	16.50				31.11
Harvest labor	hour			1.00	Jun							40.0000	7.50	300.00	300.00
Harvest container	each			1.00	Jun							4.0000	3.00	12.00	12.00
Other labor	hour			1.00	Jun							2.5000	7.50	18.75	18.75
Pack line/wet/small	acre			1.00	Jun							1.0000			15.05
Packing labor	hour							2.53	12.52			40.0000	7.50	300.00	300.00
Lug boxes	each											700.0000	1.12	784.00	784.00
Pickup truck	1/2 ton		1.000	1.00	Jun			5.54	4.71	1.000	7.50				17.75
Trailer utility	10 ft	23	1.000	1.00	Jul	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Other labor	hour											8.0000	7.50	60.00	60.00
Shredder 1R	5 ft	23	0.740	1.00	Jul	3.20	1.30	0.36	0.93	0.814	6.11				11.89
Disk 2R	6 ft	43	0.570	2.00	Jul	6.77	2.92	1.40	2.00	1.254	9.40				22.50
TOTALS						111.12	45.66	26.63	49.18	27.664	207.48			2926.43	3366.51
INTEREST ON OPERATING CAPITAL															78.97
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3445.47

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, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	115.18	1.0000	115.18	_____
FUNGICIDES	acre	186.55	1.0000	186.55	_____
HERBICIDES	acre	7.91	1.0000	7.91	_____
HIRED LABOR	acre	641.25	1.0000	641.25	_____
INSECTICIDES	acre	104.54	1.0000	104.54	_____
PACK & HARVEST ITEMS	acre	796.00	1.0000	796.00	_____
STAKES & TWINE	acre	305.00	1.0000	305.00	_____
PLANTS	acre	170.00	1.0000	170.00	_____
HARVEST LABOR	acre	600.00	1.0000	600.00	_____
OPERATOR LABOR	hour	7.50	27.6640	207.48	_____
DIESEL FUEL	gal	1.17	10.3950	12.16	_____
ELECTRICITY	kWh	0.10	5.2500	0.53	_____
GASOLINE	gal	1.43	35.1240	50.23	_____
REPAIR & MAINTENANCE	acre	74.84	1.0000	74.84	_____
INTEREST ON OP. CAP.	acre	78.97	1.0000	78.97	_____

TOTAL DIRECT EXPENSES				3350.63	_____
TOTAL FIXED EXPENSES				94.84	_____

TOTAL SPECIFIED EXPENSES				3445.47	_____

Table 36.C 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, 2001.

Yield (Boxes)	-----Price Per 20 Lb. Box-----				
	7.00	8.00	9.00	10.00	11.00
	-----Net Returns Per Acre-----				
500.00	639.37	1139.37	1639.37	2139.37	2639.37
600.00	1094.37	1694.37	2294.37	2894.37	3494.37
700.00	1549.37	2249.37	2949.37	3649.37	4349.37
800.00	2004.37	2804.37	3604.37	4404.37	5204.37
900.00	2459.37	3359.37	4259.37	5159.37	6059.37

Table 37.A Estimated resource use and costs per acre for field operations Greenhouse Tomatoes, spring fresh market, 660 plants in grow bags, drip irrigated and fertilized, Louisiana, 2001.

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			186.00	126.00			150.0000			312.00
Sprayer, backpack	each			2.00	Jan				24.00	2.000	15.00	2.0000			39.00
Exotherm	lb											6.0000	3.00	18.00	18.00
Ambush	pt											0.1000	13.76	1.38	1.38
Kelthane	qt											0.0500	10.85	0.54	0.54
Thiodan	lb											0.0250	6.00	0.15	0.15
Fan, greenhouse	hour			15.00	Jan			9.48	191.50			60.0000			200.98
Clip, tie and prune	hour			1.00	Jan							5.0000	7.50	37.50	37.50
Plant clips	box											0.3300	102.00	33.66	33.66
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	3.00	36.00	36.00
Ambush	pt											0.2000	13.76	2.75	2.75
Kelthane	qt											0.1000	10.85	1.09	1.09
Thiodan	lb											0.0500	6.00	0.30	0.30
Fan, greenhouse	hour			30.00	Feb			47.40				300.0000			47.40
Heater, greenhouse	hour			30.00	Feb			372.00				300.0000			372.00
Sprayer, backpack	each			4.00	Mar					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	3.00	36.00	36.00
Ambush	pt											0.2000	13.76	2.75	2.75
Kelthane	qt											0.1000	10.85	1.09	1.09
Thiodan	lb											0.0500	6.00	0.30	0.30
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			37.92				240.0000			37.92
Heater, greenhouse	hour			30.00	Mar			248.12				200.1000			248.12
Clip, tie and prune	hour			6.00	Mar							21.0000	7.50	157.50	157.50
Plant clips	box											0.3300	102.00	33.66	33.66
Harvest labor	hour			2.00	Mar							10.6000	7.50	79.50	79.50
Irrigate/fert, drip	each			1.00	Apr			11.24	289.00			1.0000			300.24
3-13-29	lb											500.0000	0.82	410.00	410.00
CAN03, water sol.	lb											500.0000	0.40	200.00	200.00
Mnitor	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	3.00	36.00	36.00
Ambush	pt											0.2000	13.76	2.75	2.75
Kelthane	qt											0.1000	10.85	1.09	1.09
Thiodan	lb											0.0500	6.00	0.30	0.30
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			37.92				240.0000			37.92
Heater, greenhouse	hour			30.00	Apr			63.24				51.0000			63.24
Sprayer, backpack	each			4.00	May					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	3.00	36.00	36.00
Ambush	pt											0.2000	13.76	2.75	2.75
Kelthane	qt											0.1000	10.85	1.09	1.09
Thiodan	lb											0.0500	6.00	0.30	0.30
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			37.92				240.0000			37.92
Clip, tie and prune	hour			4.00	May							20.0000	7.50	150.00	150.00
Plant clips	box											0.3300	102.00	33.66	33.66
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	3.00	36.00	36.00
Ambush	pt											0.2000	13.76	2.75	2.75
Kelthane	qt											0.1000	10.85	1.09	1.09
Thiodan	lb											0.0500	6.00	0.30	0.30
Harvest labor	hour			6.00	Jun							31.2000	7.50	234.00	234.00
Fan, greenhouse	hour			30.00	Jun			37.92				240.0000			37.92
TOTALS							0.00	0.00	1097.86	650.50	51.000	382.50		4861.23	6992.10
INTEREST ON OPERATING CAPITAL															163.12
TOTAL SPECIFIED COST															7155.22

Table 37.B Summary of estimated costs per acre Greenhouse Tomatoes, spring fresh market, 660 plants in grow bags, drip irrigated and fertilized, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	610.00	1.0000	610.00	_____
FUNGICIDES	acre	198.00	1.0000	198.00	_____
HIRED LABOR	acre	2415.00	1.0000	2415.00	_____
INSECTICIDES	acre	22.75	1.0000	22.75	_____
STAKES & TWINE	acre	115.98	1.0000	115.98	_____
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	1.17	701.1000	820.29	_____
ELECTRICITY	kWh	0.10	1855.2000	185.52	_____
REPAIR & MAINTENANCE	acre	92.06	1.0000	92.06	_____
INTEREST ON OP. CAP.	acre	163.12	1.0000	163.12	_____

TOTAL DIRECT EXPENSES				6504.72	_____
TOTAL FIXED EXPENSES				650.50	_____

TOTAL SPECIFIED EXPENSES				7155.22	_____

The table presenting estimated net returns for a range of yields and prices has been combined for the fall and spring crops, and appears in the budget for the spring crop, on page 79.

Table 38.A Estimated resource use and costs per acre for field operations Greenhouse Tomatoes, fall fresh market, 660 plants in grow bags, drip irrigated and fertilized, Louisiana, 2001.

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	1.69	278.85		278.85	
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			28.44	191.50			180.0000				219.94	
Clip, tie and prune	hour			1.00	Aug							5.0000	7.50	37.50		37.50	
Plant clips	box											0.3400	102.00	34.68		34.68	
Twine, plastic	box											1.0000	15.00	15.00		15.00	
Tomato hooks	1000											0.6700	205.00	137.35		137.35	
Sprayer, backpack	each			2.00	Aug				24.00	2.000	15.00	2.0000				39.00	
Exotherm	lb											6.0000	3.00	18.00		18.00	
Ambush	pt											0.1000	13.76	1.38		1.38	
Kelthane	qt											0.0500	10.85	0.54		0.54	
Thiodan	lb											0.0250	6.00	0.15		0.15	
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	3.00	36.00		36.00	
Ambush	pt											0.2000	13.76	2.75		2.75	
Kelthane	qt											0.1000	10.85	1.09		1.09	
Thiodan	lb											0.0500	6.00	0.30		0.30	
Fan, greenhouse	hour			30.00	Sep			56.88				360.0000				56.88	
Clip, tie and prune	hour			4.00	Sep							20.0000	7.50	150.00		150.00	
Plant clips	box											0.3320	102.00	33.86		33.86	
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	3.00	36.00		36.00	
Ambush	pt											0.2000	13.76	2.75		2.75	
Kelthane	qt											0.1000	10.85	1.09		1.09	
Thiodan	lb											0.0500	6.00	0.30		0.30	
Fan, greenhouse	hour			30.00	Oct			37.92				240.0000				37.92	
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	1.12	1478.40		1478.40	
Mnitor	hour			150.00	Oct							150.0000	7.50	1125.00		1125.00	
Irrigate/fert, drip	each			1.00	Oct			11.24	289.00			1.0000				300.24	
3-13-29	lb											300.0000	0.82	246.00		246.00	
CAN03, water sol.	lb											300.0000	0.40	120.00		120.00	
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	3.00	36.00		36.00	
Ambush	pt											0.2000	13.76	2.75		2.75	
Kelthane	qt											0.1000	10.85	1.09		1.09	
Thiodan	lb											0.0500	6.00	0.30		0.30	
Fan, greenhouse	hour			30.00	Nov			37.92				240.0000				37.92	
Clip, tie and prune	hour			4.00	Nov							20.0000	7.50	150.00		150.00	
Plant clips	box											0.3280	102.00	33.46		33.46	
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	3.00	36.00		36.00	
Ambush	pt											0.2000	13.76	2.75		2.75	
Kelthane	qt											0.1000	10.85	1.09		1.09	
Thiodan	lb											0.0500	6.00	0.30		0.30	
Fan, greenhouse	hour			30.00	Dec			23.70				150.0000				23.70	
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			186.00	126.00			150.0000				312.00	
Sprayer, backpack	each			2.00	Jan					2.000	15.00	2.0000				15.00	
Exotherm	lb											6.0000	3.00	18.00		18.00	
Ambush	pt											0.1000	13.76	1.38		1.38	
Kelthane	qt											0.0500	10.85	0.54		0.54	
Thiodan	lb											0.0250	6.00	0.15		0.15	
Fan, greenhouse	hour			15.00	Jan			23.70				150.0000				23.70	
Harvest labor	hour			2.00	Jan							10.0000	7.50	75.00		75.00	
Heater, greenhouse	hour			15.00	Jan			186.00				150.0000				186.00	
Greenhouse prep.	hour			1.00	Jan							9.0000	7.50	67.50		67.50	
TOTALS								0.00	0.00	667.65	1987.50	50.000	375.00			5904.79	8934.94
INTEREST ON OPERATING CAPITAL																	199.02
TOTAL SPECIFIED COST																	9133.96

Table 38.B Summary of estimated costs per acre Greenhouse Tomatoes, fall fresh market, 660 plants in grow bags, drip irrigated and fertilized, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	366.00	1.0000	366.00	_____
FUNGICIDES	acre	180.00	1.0000	180.00	_____
HIRED LABOR	acre	2152.50	1.0000	2152.50	_____
INSECTICIDES	acre	20.69	1.0000	20.69	_____
PACK & HARVEST ITEMS	acre	1478.40	1.0000	1478.40	_____
STAKES & TWINE	acre	254.35	1.0000	254.35	_____
PLANTS	acre	542.85	1.0000	542.85	_____
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	1.17	300.0000	351.00	_____
ELECTRICITY	kWh	0.10	1855.2000	185.52	_____
REPAIR & MAINTENANCE	acre	131.13	1.0000	131.13	_____
INTEREST ON OP. CAP.	acre	199.02	1.0000	199.02	_____

TOTAL DIRECT EXPENSES				7146.46	_____
TOTAL FIXED EXPENSES				1987.50	_____

TOTAL SPECIFIED EXPENSES				9133.96	_____

Table 38.C Effects of yields and prices on net returns per acre 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, 2001.

Yield (Boxes)	-----Price Per 20 Lb. Box-----				
	18.00	20.00	22.00	24.00	26.00
	-----Net Returns Per Acre-----				
460.00	-4881.18	-3961.18	-3041.18	-2121.18	-1201.18
560.00	-3326.18	-2206.18	-1086.18	33.82	1153.82
660.00	-1771.18	-451.18	868.82	2188.82	3508.82
760.00	-216.18	1303.82	2823.82	4343.82	5863.82
860.00	1338.82	3058.82	4778.82	6498.82	8218.82

Table 39.A Estimated resource use and costs per acre for field operations Watermelons (early), hybrid, transplants, plastic mulch, one-row equipment, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MH	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	3.30	21.78	21.78
Disk 2R	6 ft	43	0.570	1.00	Oct	3.39	1.46	0.70	1.00	0.627	4.70				11.25
Disk 2R	6 ft	43	0.570	2.00	Mar	6.77	2.92	1.40	2.00	1.254	9.40				22.50
Hipper-fert dist 1R 8-24-24	3 ft lb	23	1.550	1.00	Mar	6.71	2.72	1.82	2.59	1.705	12.79				26.62
Plastic layer	5 ft	23	1.500	1.00	Mar	6.49	2.63	2.16	4.51	4.650	34.88				50.67
Plastic	roll											2.7000	64.00	172.80	172.80
Transplanter, plug Watermelon plants	1 row 100	23	1.000	1.00	Apr	4.33	1.76	1.06	2.75	3.100	23.25				33.14
Trailer utility	10 ft	23	1.000	1.00	Apr	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Other labor	hour											1.0000	7.50	7.50	7.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Sevin	lbs											1.0000	4.80	4.80	4.80
Quadris	pt											0.7000	37.00	25.90	25.90
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Quadris	pt											0.7000	37.00	25.90	25.90
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.97	2.83	1.77	2.52	1.771	13.28				27.37
Nitrogen	lb											30.0000	0.08	2.34	2.34
Potash	lb											90.0000	0.08	7.20	7.20
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Malathion	pt											2.0000	2.63	5.26	5.26
Bravo	pt											2.5000	6.48	16.20	16.20
Cultivator 1R	3 ft	23	1.530	1.00	May	6.62	2.69	1.35	1.92	1.683	12.62				25.19
Sprayer, boom	12 ft	23	0.190	1.00	May	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Benlate	lb											0.5000	16.50	8.25	8.25
Other labor	hour			1.00	May							2.0000	7.50	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Bravo	pt											3.0000	6.48	19.44	19.44
Sevin	lbs											1.0000	4.80	4.80	4.80
Trailer utility	10 ft	23	1.000	1.00	Jun	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Harvest labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	1/2 ton		1.000	1.00	Jun				5.54	4.71	1.000	7.50			17.75
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.82	0.33	0.26	0.28	0.209	1.57				3.27
Bravo	pt											3.0000	6.48	19.44	19.44
Trailer utility	10 ft	23	1.000	1.00	Jun	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Harvest labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	1/2 ton		1.000	1.00	Jun				5.54	4.71	1.000	7.50			17.75
Trailer utility	10 ft	23	1.000	1.00	Jul	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Harvest labor	hour											10.0000	7.50	75.00	75.00
Pickup truck	1/2 ton		1.000	1.00	Jul				5.54	4.71	1.000	7.50			17.75
Coulter	1 row	23	1.500	1.00	Aug	6.49	2.63	0.64	0.94	1.650	12.38				23.08
Other labor	hour											17.0000	7.50	127.50	127.50
Trailer utility	10 ft	23	1.000	1.00	Aug	4.33	1.76	0.27	0.95	1.100	8.25				15.55
Pickup truck	1/2 ton		1.000	1.00	Aug				5.54	4.71	1.000	7.50			17.75
Disk 4R	13.3 ft	68	0.150	1.00	Aug	1.25	0.55	0.56	0.80	0.165	1.24				4.40
TOTALS						88.84	36.34	39.23	48.12	30.725	230.44			890.26	1333.23
INTEREST ON OPERATING CAPITAL															37.30
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1370.53

Table 39.B Summary of estimated costs per acre Watermelons (early), hybrid, transplants, plastic mulch, one-row equipment, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	71.32	1.0000	71.32	_____
FUNGICIDES	acre	115.13	1.0000	115.13	_____
HIRED LABOR	acre	150.00	1.0000	150.00	_____
INSECTICIDES	acre	14.86	1.0000	14.86	_____
PLASTIC	acre	172.80	1.0000	172.80	_____
PLANTS	acre	66.15	1.0000	66.15	_____
HARVEST LABOR	acre	300.00	1.0000	300.00	_____
OPERATOR LABOR	hour	7.50	30.7250	230.44	_____
DIESEL FUEL	gal	1.17	5.2470	6.14	_____
GASOLINE	gal	1.43	38.6240	55.23	_____
REPAIR & MAINTENANCE	acre	66.70	1.0000	66.70	_____
INTEREST ON OP. CAP.	acre	37.30	1.0000	37.30	_____

TOTAL DIRECT EXPENSES				1286.07	_____
TOTAL FIXED EXPENSES				84.46	_____

TOTAL SPECIFIED EXPENSES				1370.53	_____

Table 39.C 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, 2001.

Yield (Cwt)	Price Per Cwt-----				
	5.00	5.50	6.00	6.50	7.00
	-----Net Returns Per Acre-----				
260.00	37.93	167.93	297.93	427.93	557.93
280.00	125.93	265.93	405.93	545.93	685.93
300.00	213.93	363.93	513.93	663.93	813.93
320.00	301.93	461.93	621.93	781.93	941.93
340.00	389.93	559.93	729.93	899.93	1069.93

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, 2001.

ITEM NAME	SIZE	USEFUL	ANNUAL	PURCHASE	REPAIR	FUEL	--DIRECT COST--		--FIXED COST--	
		LIFE	USE	PRICE	COST	CONS				
		years	hours	dollars	percent	/hour	\$/hr		\$/hr	
Double hitch	0	10	1000	0	100	0.00	0.00		0.00	
Pickup truck	1/2 ton	5	800	17,000	45	2.50	5.49		4.57	
Small 4-wheel drive	225	16	625	97,500	96	10.80	22.00		14.27	
Tractor 106-130HP	118	16	625	70,000	104	6.80	15.24		10.24	
Tractor 131-155HP	143	16	625	80,000	99	8.10	17.40		11.71	
Tractor 15-30HP	23	16	625	12,000	170	1.60	4.33		1.76	
Tractor 156-180	168	16	625	90,000	95	9.70	19.90		13.17	
Tractor 31-55HP	43	16	625	17,500	159	2.70	5.94		2.56	
Tractor 56-80HP	68	16	625	25,000	138	4.20	8.36		3.66	
Tractor 80-105HP	93	16	625	50,000	108	5.40	11.72		7.32	
Tractor hi clearance	68	16	625	43,000	138	4.20	10.85		6.29	
Fork lift		1.00	20	350	20,000	50	1.50	3.57	3.57	4.58
High cycle spray	60 ft	0.03	12	250	60,000	60	2.90	15.39	0.46	26.45
Pickup truck	1/2 ton	1.00	5	800	17,500	45	2.50	5.54	5.54	4.71
Truck	1 ton	1.00	10	400	25,500	50	3.00	7.48	7.48	7.98
Truck	2 ton	1.00	10	400	30,000	50	3.70	9.04	9.04	9.39
Truck	5 ton	1.00	10	400	37,000	50	5.00	11.78	11.78	11.58

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, 2001.

ITEM NAME	UNIT	REPAIR	FUEL	DIRECT COST		----FIXED COST----	
		COST	CONS				
		\$/U of M	/U of M	\$/U of M	\$/U of M	\$/acre	
Cool pad, greenhouse	hour	10.000	1.000	10.100		350.00	
Cutter, potato seed	cwt	0.010	0.450	0.055		1.92	
Fan, greenhouse	hour	0.018	1.400	0.158		191.50	
Greenhouse	each	66.850	0.000	66.850		1337.00	
Heater, greenhouse	hour	0.070	1.000	1.240		126.00	
Irrig. sys. 1 pivot	acin	0.610	2.140	3.114		33.80	
Irrig. Sys. 2 pipe	acin	0.590	1.410	2.240		27.70	
Irrig. sys. 3 gun	acin	0.970	2.260	3.614		44.00	
Irrig. sys. 7 pivot	acin	0.910	2.110	3.379		47.33	
Irrig. sys. 8 pipe	acin	13.000	6.630	13.663		23.04	
Irrigate/fert, drip	acin	10.520	7.200	11.240		60.00	
Irrigate/fert, drip	each	10.520	7.200	11.240		289.00	
Irrigation, drip	acin	2.230	51.700	7.400		60.00	
Irrigation, drip	each	72.500	0.100	72.510		126.00	
Irrigation, furrow	acin	2.900	6.000	3.500		55.50	
Irrigation/sprinkler	acin	2.330	19.000	4.230		74.65	
Loader, bulk	acre	0.500	1.000	1.670		3.84	
Pack line/wet/large	acre	2.500	5.000	3.000		15.65	
Pack line/wet/small	acre	2.000	5.250	2.525		12.52	
Packing Line	acre	4.850	7.700	5.620		9.11	
Packing line, dry	acre	1.400	1.150	1.515		8.76	
Plant tie machine	hour	0.000	0.000	0.000	0.100		
Pollinator	hour	0.300	0.000	0.300		20.00	
Sheller, bean/pea	acre	3.600	12.750	4.875		7.55	
Sprayer, backpack	each	0.000	0.000	0.000		24.00	

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, 2001.

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	--DIRECT COST--		--FIXED COST--	
		RATE	LIFE	USE	PRICE	COST	\$/hr	\$/ac	\$/hr	\$/ac
		hrs/ac	years	hours	dollars	percent				
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

Appendix Table 3 (continued)

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	--DIRECT COST--		--FIXED COST--	
		RATE	LIFE	USE	PRICE	COST				
		hrs/ac	years	hours	dollars	percent	\$/hr	\$/ac	\$/hr	\$/ac
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
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, 2001.

ITEM NAME	UNIT	COST	ITEM NAME	UNIT	COST
FERTILIZER					
10-20-20	lb	0.09	13-13-13	cwt	12.34
13-13-13	lb	0.10	3-13-29	lb	0.82
7-21-21	lb	0.10	8-24-24	lb	0.10
Ammonium Nitrate 33%	lb	0.08	Anhydrous (82%)	lb	0.10
CaNO ₃ , regular	lb	0.23	CAN ₃ , water sol.	lb	0.40
Fertilizer cart	cwt	0.30	Lime (spread)	cwt	3.30
Nitrogen	lb	0.08	Nitrogen (32%)	lb	0.06
Phosphorus	lb	0.11	Potash	lb	0.08
FUNGICIDES					
Benlate	lb	16.50	Botran 75W	lb	9.45
Bravo	pt	6.48	Captan	lb	2.80
Dithane	lb	2.75	Exotherm	lb	3.00
Kocide	lb	3.46	Manzate	lb	2.70
Quadris	pt	37.00	Ridomil	lb	1.75
Ridomil + Bravo	lb	17.50	Ridomil Gold	pt	83.62
Ridomil Gold + Bravo	pt	275.00	Rovral	pt	20.00
Tribasic Copper	lb	2.55			
HERBICIDES					
Atrazine	pt	1.27	Basagran	pt	8.71
Command	qt	15.88	Crop oil	pt	0.86
Curbit	pt	4.07	Dacthal	lb	9.88
Devrinol	lb	8.39	Dual	pt	8.06
Eptam	pt	3.97	Fusilade 2000	pt	15.02
Goal	pt	8.86	Gramoxone	pt	3.80
Lasso	pt	2.80	Poast	pt	9.90
Prefar	qt	11.51	Princep	lb	3.50
Prowl	pt	2.60	Pursuit	oz	10.29
Roneet	qt	12.50	Roundup	pt	8.83
Sencor	pt	2.36	Surfactant	pt	2.00
Treflan	pt	3.19			
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
Greenhouse tie/prune	hour	7.50	Hoe labor	hour	7.50
Leaf pruning	hour	7.50	Mnitor	hour	7.50
Other labor	hour	7.50	Planting labor	hour	7.50
Strip berry labor	hour	7.50	Tomato pollination	each	7.50
INSECTICIDES					
AgriMek	pt	75.62	Ambush	pt	13.76
Buffer	pt	2.00	Diazinon	pt	4.20
Dimethoate	pt	4.40	Dipel	pt	3.40
Furadan	qts	16.80	Guthion	pt	3.84
Imidan	lb.	6.25	Kelthane	qt	10.85
Lannate	pt	5.92	Lorsban 4E	pt	5.71
Malathion	pt	2.63	Mccap	lbs	1.27
Orthene	lbs	10.21	Penncap M	pt	3.30
Phosdrin	pt	11.19	Pounce	pt	17.50
Pravado	pt	55.28	Sevin	lbs	4.80
Thiodan	lb	6.00	Thiodan	pt	4.06

Appendix Table 4 (continued)

ITEM NAME	UNIT	PRICE			
dollars					
PACK & HARVEST ITEMS					
Boxes, lug	each	1.12	Bushel hampers	each	2.25
Flats	each	1.43	Hand carry	each	1.60
Harvest container	each	3.00	Harvest crate	each	1.90
Harvest sacks	each	0.28	Ice	cwt	2.50
Lug boxes	each	1.12	Packing boxes	each	1.01
Packing boxes	each	1.20	Packing boxes	each	0.86
Packing boxes	each	1.60	Packing boxes	each	1.33
Packing charge	bu	1.35	Packing crates	each	1.08
Packing sacks	each	0.49	plastic bag, sealing	each	0.10
Potato bins	each	38.00	Rubber bands	lbs	5.00
Vegetable bin	each	40.00			
SEED					
Broccoli seed	lbs	350.00	Butter bean seed	lbs	1.25
Cabbage seed	lbs	270.00	Cantaloupe seed	lbs	360.00
Cauliflower seed	lbs	650.00	Cayenne seed	lbs	30.00
Chipping potato seed	cwt	15.00	Collard seed	lbs	5.50
Cover crop	acre	57.08	Cucumber seed/pickle	lbs	48.00
Cucumber seed/slice	lbs	10.00	Eggplant seed	lbs	290.00
Irish potato seed	cwt	15.00	Jalapeno seed	lbs	38.00
Mustard seed	lbs	3.50	Okra seed	lbs	2.25
Pink banana squash	lbs	11.50	Pumpkin seed	lbs	40.00
Seed potatoes	bu	7.00	Shallots sets	lbs	1.10
Snap bean seeds	lbs	1.50	Southern pea seed	lbs	1.60
Spinach	lbs	7.00	Sweet corn seed	lbs	4.50
Sweet potato slips	acre	117.76	Turnip seed	lbs	4.00
Watermelon seed	lbs	15.00	Yellow squash seed	lbs	41.00
STAKES & TWINE					
Plant clips	box	102.00	Stake replacement	100	15.00
String	lbs	2.00	Tomato hooks	1000	205.00
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	Plastic	roll	64.00
T-tape, drip irrig.	roll	111.00			
FUMIGANT					
Methyl bromide	lbs	1.9			
PLANTS					
Broccoli plants	100	3.50	Cabbage plants	100	3.50
Cauliflower plants	100	3.70	Eggplant plants	100	4.25
Grow bags	each	1.69	Pepper plants	100	6.85
Strawberry plants	1000	75.00	Tomato plant	each	0.40
Tomato plants	100	6.80	Watermelon plants	100	7.35
CUSTOM					
Bee pollination	hive	250.00	Custom packing	bu	2.85
Custom packing	bu	2.50	Laying Plastic	Roll	10.00
Tape	roll	0.80	Water (from hydrant)	acin	3.25
HARVEST LABOR					
Harvest labor	bu	3.00	Harvest labor	bu	5.00
Harvest labor	bu	1.20	Harvest labor	bu	1.00
Harvest labor	bu	0.70	Harvest Labor	bu.	8.00
Harvest labor	cwt	8.00	Harvest labor	cwt	2.50
Harvest labor	doz	1.50	Harvest labor	flat	1.25
Harvest labor	hour	7.50	Packing labor	hour	7.50
Washing labor	hour	7.50			
FUEL					
Diesel fuel	gallon	0.60	Electricity	kwatt	0.09
OTHER					
Shade material	gal	20.00	Shade paint	Gal	20.00
ROW COVERS					
Rice Bags	100	20.00	Row covers	roll	435.00

Appendix Table 5. Estimated resource use and costs per acre for field operations Potato (Mother-Sweet), one-row equipment, plant 90 acres, Louisiana, 2001.

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	Dec	6.77	2.92	1.40	2.00	1.254	9.40					22.50
Fertilizer applicatr 8-24-24	1 row lb	23	0.500	1.00	Feb	2.16	0.88	0.15	0.25	0.550	4.13					7.57
Disk 2R	6 ft	43	0.570	1.00	Feb	3.39	1.46	0.70	1.00	0.627	4.70					11.25
Hipper 1R	3 ft	23	1.530	2.00	Feb	13.24	5.37	1.35	1.92	3.366	25.25					47.12
Middle buster 1R	3 ft	23	1.530	1.00	Feb	6.62	2.69	0.34	0.48	1.683	12.62					22.75
Trailer utility	10 ft	23	1.000	5.00	Feb	21.64	8.78	1.33	4.76	5.500	41.25					77.76
Planter, yam seed	250 bu	93	0.330	1.00	Feb	3.87	2.41	1.43	4.08	0.693	5.20					16.99
Planting labor	hour											1.0000	7.50	7.50		7.50
Seed potatoes	bu											900.0000	7.00	6300.00	63	00.00
Seed potatoes	bu											450.0000	7.00	3150.00	31	50.00
Botran 75W	lb											2.2500	9.45	21.26		21.26
Fork lift			1.000	1.00	Feb			3.57	4.58	1.000	7.50					15.66
Hipper 1R	3 ft	23	1.530	2.00	Feb	13.24	5.37	1.35	1.92	3.366	25.25					47.12
Ditcher	1.5 ft	23	0.050	1.00	Feb	0.22	0.09	0.11	0.16	0.055	0.41					0.98
Plastic layer	5 ft	23	1.500	1.00	Mar	6.49	2.63	2.16	4.51	4.650	34.88					50.67
Plastic	roll											4.5000	64.00	288.00	2	88.00
Other labor	hour											3.0000	7.50	22.50		22.50
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.62	2.69	0.67	0.96	1.683	12.62					23.56
Other labor	hour			1.00	Mar							6.0000	7.50	45.00		45.00
Cultivator 1R	3 ft	23	1.530	1.00	Mar	6.62	2.69	1.35	1.92	1.683	12.62					25.19
Ditcher	1.5 ft	23	0.050	1.00	Mar	0.22	0.09	0.11	0.16	0.055	0.41					0.98
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57					3.27
Thiodan	lb											1.0000	6.00	6.00		6.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	1.35	1.92	1.683	12.62					25.19
Ditcher	1.5 ft	23	0.050	1.00	Apr	0.22	0.09	0.11	0.16	0.055	0.41					0.98
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.82	0.33	0.26	0.28	0.209	1.57					3.27
Thiodan	lb											1.0000	6.00	6.00		6.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.62	2.69	1.35	1.92	1.683	12.62					25.19
Ditcher	1.5 ft	23	0.050	1.00	Apr	0.22	0.09	0.11	0.16	0.055	0.41					0.98
Shredder 1R	5 ft	23	0.740	1.00	May	3.20	1.30	0.36	0.93	0.814	6.11					11.89
Middle buster 1R	3 ft	23	1.530	1.00	May	6.62	2.69	0.34	0.48	1.683	12.62					22.75
Disk 2R	6 ft	43	0.570	2.00	May	6.77	2.92	1.40	2.00	1.254	9.40					22.50
TOTALS						123.03	51.18	21.55	36.79	33.810	253.58			9896.26	10382.39	
INTEREST ON OPERATING CAPITAL																303.84
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																10686.23