2005
Projected
Commodity
Costs
And
Returns

Vegetable Production in Louisiana

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PROJECTED COSTS FOR SELECTED LOUISIANA VEGETABLE CROPS - 2005 SEASON

by

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The authors are particularly indebted to the following: farmers for their cooperation in providing production practice and yield information; Parish Agricultural Extension Agents for cooperation and assistance in locating farmers for the production practices survey; and the department's Farm Management Committee for assistance in preparation of this report.

PROJECTED COSTS FOR SELECTED LOUISIANA VEGETABLE CROPS - 2005 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 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 1987[2]. 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 has been supplemented regularly with information from previous studies and from other horticulturalists. Production practices followed by commercial growers generally conform to LSU's recommended practices. Annual budget updates primarily reflect changes in chemical label applications and input prices.

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 snap beans, southern peas, and butterbeans for fresh market. Machine harvest of vegetables is not common in Louisiana. Performance rates for these machines are based on a combination of information from manufacturers and on a limited number of farm examples and research trials. Production per acre is assumed to be higher than is typically reported for Louisiana. Technology levels that justify these higher output rates are used in major US production areas. An example is cabbage production in Texas. The higher levels also have been achieved in research trials in Louisiana (Bracy et al.; Parish et al.). However, these technologies and yields may not yet have have been tested over a period of years under Louisiana farming conditions. This set of Extension budgets is identified through appropriate title description.

The advanced technology assumed in these Extension budgets offers higher

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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 several hundred in the case of sweet potatoes.

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

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. While other enterprise budget projections published by LAES for 2005 used a higher labor charge, there was no indication that labor rates for vegetable growers had increased. In addition, hourly labor rates used in neighboring states when costing vegetable production were less than $7.50.

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 2005, the production practices incorporated into the budgets changed little from 2004. Fuel prices (both gasoline and diesel) increased substantially during 2004, and are expected to remain at those levels in 2005. Surveys indicate that agricultural chemical prices, with an occasional exception, are similar to the levels experienced in the 2003 season. Another fuel price, natural gas, is a factor in greenhouse tomato production. Since 2002, this input price has increased and can be expected to rise further.

In past years, sweet potato yield and price had been reported in hundredweights, as reported by Louisiana Agricultural Statistics Service. However, farmers typically think of yield in 50 pound bushels. In addition, there are two components of revenue - fresh market sales and processing market sales. To increase the usefulness of the reports to farmers, the base yield was changed to 300 bushels per acre in tables 18 to 20. Of that total, 60% is assumed to be sold in the fresh market as a combination of #1, #2 and jumbos at an average price of $10. The other 40% of the crop goes to canners, in which case the effective price per bushel is assumed to be $1.50 after trucking costs and additional grade-out by the canner.

Regarding Risk in Producing and Marketing Vegetables

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

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

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 bell peppers budgets. Larger machinery (four-row) reduced cost and provided higher net returns compared with one-row machines, even when selling price was reduced to account for sales to the fresh wholesale market by larger producers. Tomatoes produced using advanced technologies, and assuming a yield appropriate to that technology, was highest in estimated net return at $8163.81. In all cases for which budgets are provided except broccoli, trellised cucumbers (where significantly more labor is required), and watermelons, estimated net returns are sufficient to cover direct costs of production, including hourly charges for all 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 own yield and price expectations. By using machinery cost data presented in Appendix Tables 1-5, cost per hour for each machine operation can be approximated. Costs for selected operations may be substituted for those shown in the budget. Other inputs and costs may be substituted in a similar manner to tailor the budget to any individual producer's situation.

REFERENCES

Bracy, R., R. Parish, P. Bergeron and R. Constantin. "High-density planting for maximizing yields in greens". Louisiana Agriculture, Louisiana State University Agricultural Center, Vol. 34, No. 2, Winter 1990-91.

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Table 1. Yields, prices, costs and returns for selected vegetable crops, Louisiana, 2005.

Crop	Yield Per Unit	Budgeted 2005 price	Total Direct Expense	Returns Above Direct Expense
			Dollars Per Acre	
Beans, Butter 1R	100 bu	20.00	1432.85	567.15
Beans, Snap 1R	150 bu	12.00	1092.45	1157.57
Broccoli, fresh 1R	300 boxes	6.75	2355.67	-255.67
Cabbage, fall 1R	600 50 lb sacks	4.25	1868.86	681.14
Cabbage, spring 1R	600 50 lb sacks	4.75	2148.43	701.57
Cantaloupe 1R	2500 melons	1.25	1723.36	1401.64
Cauliflower 1R	300 boxes	8.00	1723.36	416.58
Corn, Sweet 1R	600 doz	2.00	1127.59	72.41
Cucumber, fresh 1R	300 bu	6.50	1765.81	184.19
Eggplant, 1R	600 bu	7.75	3650.23	999.77
Greens, Mustard 1R	600 dz. bunches	4.00	1698.69	701.31
Okra, fresh 1R	240 bu	15.00	2081.58	1518.42
Peas, Southern 1R	100 bu	15.00	1061.67	438.33
Peppers, Bell 1R	900 bu	7.00	5032.61	1267.39
Peppers, Bell 4R	900 bu	7.00	5121.92	1178.08
Potatoes, Irish 1R	150 cwt	15.00	1410.75	839.25
Sweetpotato 1R	175 cwt	8.00	1206.71	233.29
Sweetpotato, 4R, one-row riding harvester	175 cwt	10.00	1456.78	343.22
Sweetpotato, 6R, two-row riding harvester	175 cwt	10.00	1392.84	407.16
Shallots 1R	2000 dz. bunches	2.00	3212.02	787.98

(Continued)

Table 1 (Continued)

Crop	Yield Per Unit	Budgeted 2005 price	Total Direct Expense	Returns Above Direct Expense
Squash, fresh 1R	375 3/4 bu boxes	7.50	2102.42	710.08
Strawberries, row covers/drip irrigation	1800 flats	8.00	11657.83	2742.17
Tomato, 1 R	900 20 lb boxes	9.00	6199.57	1900.43
Tomato, plastic mulch and drip irrigation	2000 20 lb boxes	7.75	7336.19	8163.81
Watermelon 1R	200 cwt	5.00	998.25	1.75
Beans (Butter) mechanical harvest	50 bu	20.00	733.44	266.56
Beans(Snap) mechanical harvest	100 bu	12.00	968.06	231.94
Cabbage, hybrid, double drilled, 6-row equipment	700 sacks	3.25	1756.18	518.82
Cucumber, hybrid, trellised	380 bu	7.25	3208.11	-453.11
Eggplant, trellis, bare soil	400	7.75	3087.28	12.72
Eggplant, trellis, plastic mulch, irrigated	600 bu	7.75	4211.68	438.32
Peas, Southern, mechanical harvest	75 bu	18.00	603.75	746.25
Peppers, Bell, 4-R, drip-irrigated	1600	7.00	8959.34	2240.66
Pumpkins, fresh, irrigated	170 cwt	7.00	1011.18	178.82
Tomatoes, bare soil, not irrigated	700 20 lb boxes	9.00	3312.40	2987.60
Tomatoes, greenhouse, fall and spring crops	660 20 lb boxes per greenhouse	22.00	14036.15	483.85
Watermelon, plastic mulch	300 cwt	6.00	1857.77	-58.20

Table 2.B Estimated resource use and costs per acre for field operations, Beans (Butter), fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jan	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	2.00	Mar	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	1.49	0.88	0.83	1.14	0.649	4.87				9.20
Treflan	pt											1.2500	3.19	3.99	3.99
Dual	pt											1.5000	13.49	20.24	20.24
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											400.0000	0.11	45.20	45.20
Hipper 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Planter 1R	3 ft	23	1.500	1.00	Apr	3.79	2.24	0.35	0.54	1.650	12.38				19.29
Butter bean seed	lbs											50.0000	1.50	75.00	75.00
Other labor	hour			1.00	May							6.0000	7.50	45.00	45.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Basagran	pt											1.0000	8.00	8.00	8.00
Cultivator 1R	3 ft	23	1.530	1.00	May	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Bravo	pt											1.5000	6.35	9.52	9.52
Orthene	lbs											0.5000	11.90	5.95	5.95
Cultivator 1R	3 ft	23	1.530	1.00	May	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											1.0000	5.26	5.26	5.26
Benlate	lb											1.0000	16.50	16.50	16.50
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											1.0000	5.26	5.26	5.26
Benlate	lb											1.0000	16.50	16.50	16.50
Trailer small	8 ft	23	1.000	1.00	Jul	2.53	1.49	0.24	0.81	1.100	8.25				13.32
Harvest Labor	bu.			1.00	Jul							100.0000	8.00	800.00	800.00
Harvest container	each											8.0000	1.00	8.00	8.00
Bushel hampers	each											33.0000	2.25	74.25	74.25
Pickup truck	1/2 ton		1.000	5.00	Jul			41.00	43.80	5.000	37.50				122.30
Disk 2R	6 ft	43	0.570	2.00	Jul	4.52	3.32	1.40	1.92	1.254	9.40				20.57
TOTALS						39.02	24.66	53.21	60.44	20.202	151.52			1177.45	1506.29
INTEREST ON OPERATING CAPITAL															11.66
TOTAL SPECIFIED COST															1517.95

Table 2.B Summary of estimated costs per acre, Beans (Butter), fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	61.70	1.0000	61.70	__________
FUNGICIDES	acre	42.53	1.0000	42.53	__________
HERBICIDES	acre	42.60	1.0000	42.60	__________
HIRED LABOR	acre	45.00	1.0000	45.00	__________
INSECTICIDES	acre	28.37	1.0000	28.37	__________
PACK & HARVEST ITEMS	acre	82.25	1.0000	82.25	__________
SEED	acre	75.00	1.0000	75.00	__________
HARVEST LABOR	acre	800.00	1.0000	800.00	__________
OPERATOR LABOR	hour	7.50	20.2020	151.52	__________
DIESEL FUEL	gal	1.34	6.2985	8.44	__________
GASOLINE	gal	1.78	24.8961	44.32	__________
REPAIR & MAINTENANCE	acre	39.47	1.0000	39.47	__________
INTEREST ON OP. CAP.	acre	11.66	1.0000	11.66	__________

TOTAL DIRECT EXPENSES				1432.85	__________
TOTAL FIXED EXPENSES				85.10	__________

TOTAL SPECIFIED EXPENSES				1517.95	__________

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, 2005.

Yield (Bushels)	Price Per Bushel 18.00	19.00	20.00	21.00	22.00
	Net Returns Per Acre				
80.00	187.15	267.15	347.15	427.15	507.15
90.00	277.15	367.15	457.15	547.15	637.15
100.00	367.15	467.15	567.15	667.15	767.15
110.00	457.15	567.15	677.15	787.15	897.15
120.00	547.15	667.15	787.15	907.15	1027.15

Table 3.A Estimated resource use and costs per acre for field operations, Beans (Snap), fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Feb	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	2.00	Mar	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Treflan	pt											1.2500	3.19	3.99	3.99
Dual	pt											1.5000	13.49	20.24	20.24
Disk 2R	6 ft	43	0.570	1.00	Mar	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											400.0000	0.11	45.20	45.20
Hipper 1R	3 ft	23	1.530	2.00	Mar	7.73	4.56	1.35	1.84	3.366	25.25				40.72
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Planter 1R	3 ft	23	1.500	1.00	Mar	3.79	2.24	0.35	0.54	1.650	12.38				19.29
Snap bean seeds	lbs											40.0000	1.50	60.00	60.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Orthene	lbs											0.5000	11.90	5.95	5.95
Bravo	pt											1.5000	6.35	9.52	9.52
Other labor	hour			1.00	Apr							6.0000	7.50	45.00	45.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Basagran	pt											1.0000	8.00	8.00	8.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											1.0000	5.26	5.26	5.26
Benlate	lb											1.0000	16.50	16.50	16.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											1.0000	5.26	5.26	5.26
Benlate	lb											1.0000	16.50	16.50	16.50
Trailer utility	10 ft	23	1.000	1.00	Jun	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Harvest labor	bu			1.00	Jun							150.0000	3.00	450.00	450.00
Harvest container	each											10.0000	1.00	10.00	10.00
Bushel hampers	each											50.0000	2.25	112.50	112.50
Pickup truck	1/2 ton		1.000	5.00	Jun			41.00	43.80	5.000	37.50				122.30
Disk 2R	6 ft	43	0.570	1.00	Jun	2.26	1.66	0.70	0.96	0.627	4.70				10.29
TOTALS						37.52	23.78	51.74	58.48	19.553	146.65			846.75	1164.91
INTEREST ON OPERATING CAPITAL															9.80
TOTAL SPECIFIED COST															1174.70

Table 3.B Summary of estimated costs per acre, Beans (Snap), fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	61.70	1.0000	61.70	________
FUNGICIDES	acre	42.53	1.0000	42.53	________
HERBICIDES	acre	42.60	1.0000	42.60	________
HIRED LABOR	acre	45.00	1.0000	45.00	________
INSECTICIDES	acre	22.42	1.0000	22.42	________
PACK & HARVEST ITEMS	acre	122.50	1.0000	122.50	________
SEED	acre	60.00	1.0000	60.00	________
HARVEST LABOR	acre	450.00	1.0000	450.00	________
OPERATOR LABOR	hour	7.50	19.5530	146.65	________
DIESEL FUEL	gal	1.34	6.2985	8.44	________
GASOLINE	gal	1.78	24.2294	43.13	________
REPAIR & MAINTENANCE	acre	37.69	1.0000	37.69	________
INTEREST ON OP. CAP.	acre	9.80	1.0000	9.80	________

TOTAL DIRECT EXPENSES				1092.45	________
TOTAL FIXED EXPENSES				82.25	________

TOTAL SPECIFIED EXPENSES				1174.70	________

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, 2005.

Yield	Price Per Bushel				
(Bushels)	11.00	13.00	15.00	17.00	19.00
	Net Returns Per Acre				
120.00	385.07	625.07	865.07	1105.07	1345.07
135.00	471.32	741.32	1011.32	1281.32	1551.32
150.00	557.57	857.57	1157.57	1457.57	1757.57
165.00	643.82	973.82	1303.82	1633.82	1963.82
180.00	730.07	1090.07	1450.07	1810.07	2170.07

Table 4.A Estimated resource use and costs per acre for field operations, Broccoli, irrigated, transplanted, fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Jul							6.6000	2.50	16.50	16.50
Middle buster 1R	3 ft	23	1.530	1.00	Jul	3.86	2.28	0.34	0.46	1.683	12.62				19.56
Disk 2R	6 ft	43	0.570	2.00	Jul	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Disk & herb appl 2R	6 ft	23	0.590	1.00	Jul	1.49	0.88	0.83	1.14	0.649	4.87				9.20
Treflan	pt											1.0000	3.19	3.19	3.19
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jul	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											600.0000	0.11	67.80	67.80
Hipper 1R	3 ft	23	1.530	2.00	Aug	7.73	4.56	1.35	1.84	3.366	25.25				40.72
Conditioner, row 1R	6 ft	23	0.410	1.00	Aug	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Trailer utility	10 ft	23	1.000	1.00	Aug	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Broccoli plants	100											150.0000	4.40	660.00	660.00
Planting labor	hour											25.0000	7.50	187.50	187.50
Other labor	hour			1.00	Aug							2.0000	7.50	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Thiodan	lb											1.0000	6.50	6.50	6.50
Cultivate & fert 1R	3 ft	23	1.610	1.00	Sep	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											150.0000	0.15	22.50	22.50
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	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.2500	14.00	3.50	3.50
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Bravo	pt											1.5000	6.35	9.52	9.52
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	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											150.0000	0.15	22.50	22.50
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Confirm	lb											0.5000	21.76	10.88	10.88
Dipel	pt											1.0000	6.27	6.27	6.27
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.2500	14.00	3.50	3.50
Cultivate & fert 1R	3 ft	23	1.610	1.00	Nov	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											150.0000	0.15	22.50	22.50
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.2500	14.00	3.50	3.50
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Confirm	lb											0.5000	21.76	10.88	10.88
Dipel	pt											1.0000	6.27	6.27	6.27
Harvest labor	hour			1.00	Nov							30.0000	7.50	225.00	225.00
Rubber bands	lbs											1.0000	5.00	5.00	5.00
Harvest container	each											8.0000	1.00	8.00	8.00
Packing labor	hour			1.00	Nov							8.0000	7.50	60.00	60.00
Packing boxes	each			1.00	Nov							300.0000	1.25	375.00	375.00
Ice	cwt											30.0000	7.10	213.00	213.00
Pickup truck	1/2 ton		1.000	5.00	Nov			41.00	43.80	5.000	37.50				122.30
Disk 2R	6 ft	43	0.570	1.00	Nov	2.26	1.66	0.70	0.96	0.627	4.70				10.29
TOTALS						47.25	28.86	77.73	120.64	30.503	228.77			1974.70	2477.95
INTEREST ON OPERATING CAPITAL															27.23
TOTAL SPECIFIED COST															2505.18

Table 4.B Summary of estimated costs per acre, Broccoli, irrigated, transplanted, fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	151.80	1.0000	151.80	__________
FUNGICIDES	acre	9.52	1.0000	9.52	__________
HERBICIDES	acre	13.57	1.0000	13.57	__________
HIRED LABOR	acre	202.50	1.0000	202.50	__________
INSECTICIDES	acre	51.30	1.0000	51.30	__________
PACK & HARVEST ITEMS	acre	601.00	1.0000	601.00	__________
PLANTS	acre	660.00	1.0000	660.00	__________
HARVEST LABOR	acre	285.00	1.0000	285.00	__________
OPERATOR LABOR	hour	7.50	24.5030	183.77	__________
IRRIGATION LABOR	hour	7.50	6.0000	45.00	__________
DIESEL FUEL	gal	1.34	3.7791	5.06	__________
ELECTRICITY	kWh	0.10	36.0000	3.60	__________
GASOLINE	gal	1.78	30.6026	54.47	__________
REPAIR & MAINTENANCE	acre	61.84	1.0000	61.84	__________
INTEREST ON OP. CAP.	acre	27.23	1.0000	27.23	__________

TOTAL DIRECT EXPENSES				2355.67	__________
TOTAL FIXED EXPENSES				149.50	__________

TOTAL SPECIFIED EXPENSES				2505.18	__________

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, 2005.

Yield (Boxes)	Price Per Box 5.00	6.00	7.00	8.00	9.00
	Net Returns Per Acre				
200.00	-1136.17	-936.17	-736.17	-536.17	-336.17
250.00	-995.92	-745.92	-495.92	-245.92	4.08
300.00	-855.67	-555.67	-255.67	44.33	344.33
350.00	-715.42	-365.42	-15.42	334.58	684.58
400.00	-575.17	-175.17	224.83	624.83	1024.83

Table 5.A Table 5.A Estimated resource use and costs per acre for field operations, Cabbage (fall), direct seeded, irrigated, fresh market, two-row equipment, average yield Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Jul							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Jul	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Disk & herb appl 2R	6 ft	23	0.590	1.00	Jul	1.49	0.88	0.83	1.14	0.649	4.87				9.20
Treflan	pt											1.2500	3.19	3.99	3.99
Middle buster 1R	3 ft	23	1.530	1.00	Jul	3.86	2.28	0.34	0.46	1.683	12.62				19.56
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jul	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											500.0000	0.11	56.50	56.50
Hipper 1R	3 ft	23	1.530	2.00	Aug	7.73	4.56	1.35	1.84	3.366	25.25				40.72
Conditioner, row 1R	6 ft	23	0.410	1.00	Aug	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Planter 1R	3 ft	23	1.500	1.00	Aug	3.79	2.24	0.35	0.54	1.650	12.38				19.29
Cabbage seed	lbs											1.0000	272.00	272.00	272.00
Other labor	hour			1.00	Aug							10.0000	7.50	75.00	75.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Confirm	lb											0.5000	21.76	10.88	10.88
Dipel	pt											1.0000	6.27	6.27	6.27
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Sep	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											100.0000	0.15	15.00	15.00
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	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											100.0000	0.15	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Oct	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											100.0000	0.15	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Confirm	lb											0.5000	21.76	10.88	10.88
Dipel	pt											1.0000	6.27	6.27	6.27
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.2500	14.00	3.50	3.50
Dipel	pt											1.0000	6.27	6.27	6.27
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	5.05	2.98	0.53	1.81	2.200	16.50				26.87
Harvest labor	hour			1.00	Dec							42.0000	7.50	315.00	315.00
Packing labor	hour			1.00	Dec							15.0000	7.50	112.50	112.50
Packing sacks	each											600.0000	0.75	450.00	450.00
Pickup truck	1/2 ton		1.000	10.00	Dec			82.00	87.60	10.000	75.00				244.60
Disk 2R	6 ft	43	0.570	2.00	Dec	4.52	3.32	1.40	1.92	1.254	9.40				20.57
TOTALS						50.04	30.84	117.65	163.92	36.361	272.71			1406.94	2042.09
INTEREST ON OPERATING CAPITAL															21.52
TOTAL SPECIFIED COST															2063.63

Table 5.B Summary of estimated costs per acre, Cabbage (fall), direct seeded, irrigated, fresh market, two-row equipment, average yield Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	118.00	1.0000	118.00	__________
HERBICIDES	acre	14.37	1.0000	14.37	__________
HIRED LABOR	acre	75.00	1.0000	75.00	__________
INSECTICIDES	acre	50.07	1.0000	50.07	__________
PACK & HARVEST ITEMS	acre	450.00	1.0000	450.00	__________
SEED	acre	272.00	1.0000	272.00	__________
HARVEST LABOR	acre	427.50	1.0000	427.50	__________
OPERATOR LABOR	hour	7.50	30.3610	227.71	__________
IRRIGATION LABOR	hour	7.50	6.0000	45.00	__________
DIESEL FUEL	gal	1.34	5.0388	6.75	__________
ELECTRICITY	kWh	0.10	36.0000	3.60	__________
GASOLINE	gal	1.78	43.3399	77.15	__________
REPAIR & MAINTENANCE	acre	80.19	1.0000	80.19	__________
INTEREST ON OP. CAP.	acre	21.52	1.0000	21.52	__________

TOTAL DIRECT EXPENSES				1868.86	__________
TOTAL FIXED EXPENSES				194.76	__________

TOTAL SPECIFIED EXPENSES				2063.62	__________

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, 2005.

Yield	Price Per Sack				
(Sacks)	2.25	3.25	4.25	5.25	6.25
	Net Returns Per Acre				
400.00	-735.86	-335.86	64.14	464.14	864.14
500.00	-627.36	-127.36	372.64	872.64	1372.64
600.00	-518.86	81.14	681.14	1281.14	1881.14
700.00	-410.36	289.64	989.64	1689.64	2389.64
800.00	-301.86	498.14	1298.14	2098.14	2898.14

Table 6.A Estimated resource use and costs per acre for field operations, Cabbage (spring), transplant, irrigated, fresh market, one row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Jan	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Sprayer, boom	12 ft	23	0.190	1.00	Jan	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Treflan	pt											1.2500	3.19	3.99	3.99
Disk 2R	6 ft	43	0.570	1.00	Jan	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jan	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											500.0000	0.11	56.50	56.50
Hipper 1R	3 ft	23	1.530	1.00	Jan	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Conditioner, row 1R	6 ft	23	0.410	1.00	Jan	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Trailer utility	10 ft	23	1.000	1.00	Jan	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Planting labor	hour											20.0000	7.50	150.00	150.00
Cabbage plants	100											120.0000	4.25	510.00	510.00
Irrigation, furrow	acin			1.00	Feb			7.00	55.50	2.000	15.00	2.0000			77.50
Cultivate & fert 1R	3 ft	23	1.610	1.00	Feb	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											100.0000	0.15	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Confirm	lb											0.5000	21.76	10.88	10.88
Dipel	pt											1.0000	6.27	6.27	6.27
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Mar	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											100.0000	0.15	15.00	15.00
Cultivator 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Irrigation, furrow	acin			1.00	Mar			7.00		2.000	15.00	2.0000			22.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											100.0000	0.15	15.00	15.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.2500	14.00	3.50	3.50
Dipel	pt											1.0000	6.27	6.27	6.27
Buffer	pt											1.0000	2.00	2.00	2.00
Pickup truck	1/2 ton		1.000	10.00	May			82.00	87.60	10.000	75.00				244.60
Trailer utility	10 ft	23	1.000	2.00	May	5.05	2.98	0.53	1.81	2.200	16.50				26.87
Harvest labor	hour			1.00	May							42.0000	7.50	315.00	315.00
Packing labor	hour			1.00	May							15.0000	7.50	112.50	112.50
Packing sacks	each											600.0000	0.75	450.00	450.00
Middle buster 1R	3 ft	23	1.530	1.00	May	3.86	2.28	0.34	0.46	1.683	12.62				19.56
Hipper 1R	3 ft	23	1.530	1.00	May	3.86	2.28	0.67	0.92	1.683	12.62				20.36
TOTALS						52.28	31.83	111.47	165.60	35.692	267.69			1690.41	2319.27
INTEREST ON OPERATING CAPITAL															26.59
TOTAL SPECIFIED COST															2345.86

Table 6.B Summary of estimated costs per acre, Cabbage (spring), transplant, irrigated, fresh market, one row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	118.00	1.0000	118.00	__________
HERBICIDES	acre	3.99	1.0000	3.99	__________
HIRED LABOR	acre	150.00	1.0000	150.00	__________
INSECTICIDES	acre	30.92	1.0000	30.92	__________
PACK & HARVEST ITEMS	acre	450.00	1.0000	450.00	__________
PLANTS	acre	510.00	1.0000	510.00	__________
HARVEST LABOR	acre	427.50	1.0000	427.50	__________
OPERATOR LABOR	hour	7.50	31.6920	237.69	__________
IRRIGATION LABOR	hour	7.50	4.0000	30.00	__________
DIESEL FUEL	gal	1.34	3.7791	5.06	__________
ELECTRICITY	kWh	0.10	24.0000	2.40	__________
GASOLINE	gal	1.78	45.3513	80.73	__________
REPAIR & MAINTENANCE	acre	75.55	1.0000	75.55	__________
INTEREST ON OP. CAP.	acre	26.59	1.0000	26.59	__________

TOTAL DIRECT EXPENSES				2148.43	__________
TOTAL FIXED EXPENSES				197.43	__________

TOTAL SPECIFIED EXPENSES				2345.86	__________

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, 2005.

Yield (Sacks)	Price Per Sack 2.75	3.75	4.75	5.75	6.75
	Net Returns Per Acre				
400.00	-804.18	-404.18	-4.18	395.82	795.82
500.00	-651.31	-151.31	348.70	848.70	1348.70
600.00	-498.43	101.57	701.57	1301.57	1901.57
700.00	-345.56	354.45	1054.45	1754.45	2454.45
800.00	-192.68	607.32	1407.32	2207.32	3007.32

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, 2005.

						TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			
OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jan	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	2.00	Mar	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Hipper 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											500.0000	0.11	56.50	56.50
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Planter 1R	3 ft	23	1.500	1.00	Apr	3.79	2.24	0.35	0.54	1.650	12.38				19.29
Cantaloupe seed	lbs											2.0000	338.00	676.00	676.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Curbit	pt											3.0000	4.76	14.28	14.28
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Thiodan	lb											0.5000	6.50	3.25	3.25
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											100.0000	0.15	15.00	15.00
Middle buster 1R	3 ft	0	1.530	1.00	Apr			0.34	0.46						0.80
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											0.6000	5.26	3.16	3.16
Bravo	pt											1.5000	6.35	9.52	9.52
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Quadris	pt											0.7000	33.60	23.52	23.52
Other labor	hour			1.00	May							8.0000	7.50	60.00	60.00
Irrigation, furrow	acin			1.00	May			7.00		2.000	15.00	2.0000			22.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Quadris	pt											0.7000	33.60	23.52	23.52
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Bravo	pt											2.5000	6.35	15.88	15.88
Topsin M	lb											0.5000	16.60	8.30	8.30
Sevin	lbs											0.6000	5.26	3.16	3.16
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Bravo	pt											1.5000	6.35	9.52	9.52
Sevin	lbs											0.6000	5.26	3.16	3.16
Harvest labor	hour			1.00	Jul							50.0000	7.50	375.00	375.00
Harvest container	each											8.0000	1.00	8.00	8.00
Pickup truck	1/2 ton		1.000	10.00	Jul			82.00	87.60	10.000	75.00				244.60
Shredder 1R	5 ft	23	0.740	1.00	Jul	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Middle buster 1R	3 ft	23	1.530	1.00	Jul	3.86	2.28	0.34	0.46	1.683	12.62				19.56
TOTALS						33.03	20.47	113.11	156.70	29.310	219.83			1334.64	1877.77
INTEREST ON OPERATING CAPITAL															22.76
TOTAL SPECIFIED COST															1900.53

Table 7.B Summary of estimated costs per acre, Cantaloupes, hybrid, irrigated, local fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	88.00	1.0000	88.00	________
FUNGICIDES	acre	90.26	1.0000	90.26	________
HERBICIDES	acre	24.66	1.0000	24.66	________
HIRED LABOR	acre	60.00	1.0000	60.00	________
INSECTICIDES	acre	12.72	1.0000	12.72	________
PACK & HARVEST ITEMS	acre	8.00	1.0000	8.00	________
SEED	acre	676.00	1.0000	676.00	________
HARVEST LABOR	acre	375.00	1.0000	375.00	________
OPERATOR LABOR	hour	7.50	23.3100	174.83	________
IRRIGATION LABOR	hour	7.50	6.0000	45.00	________
DIESEL FUEL	gal	1.34	3.7791	5.06	________
ELECTRICITY	kWh	0.10	36.0000	3.60	________
GASOLINE	gal	1.78	36.7407	65.40	________
REPAIR & MAINTENANCE	acre	72.07	1.0000	72.07	________
INTEREST ON OP. CAP.	acre	22.76	1.0000	22.76	________

TOTAL DIRECT EXPENSES				1723.36	________
TOTAL FIXED EXPENSES				177.17	________

TOTAL SPECIFIED EXPENSES				1900.53	________

Table 7C. Effects of yields and prices on net returns per acre above total direct expenses, Cantaloupes, hydrid, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2005.

Yield	Price Per Melon				
(melons)	.75	1.00	1.25	1.50	1.75
	Net Returns Per Acre				
1500.00	-373.36	1.64	376.64	751.64	1126.64
2000.00	-110.86	389.14	889.14	1389.14	1889.14
2500.00	151.64	776.64	1401.64	2026.64	2651.64
3000.00	414.14	1164.14	1914.14	2664.14	3414.14
3500.00	676.64	1551.64	2426.64	3301.64	4176.64

Table 8.A Estimated resource use and costs per acre for field operations, Cauliflower, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Jul							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jul	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	1.00	Aug	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk & herb appl 2R	6 ft	23	0.590	1.00	Aug	1.49	0.88	0.83	1.14	0.649	4.87				9.20
Treflan	pt											1.2500	3.19	3.99	3.99
Hipper 1R	3 ft	23	1.530	1.00	Aug	3.86	2.28	0.67	0.92	1.683	12.62				20.36
13-13-13	lb											800.0000	0.18	146.40	146.40
Hipper 1R	3 ft	23	1.530	1.00	Aug	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Trailer utility	10 ft	23	1.000	1.00	Aug	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Planting labor	hour											20.0000	7.50	150.00	150.00
Cauliflower plants	100											85.0000	4.50	382.50	382.50
Irrigation, furrow	acin			1.00	Aug			7.00	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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Confirm	lb											0.5000	21.76	10.88	10.88
Dipel	pt											1.0000	6.27	6.27	6.27
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	3.86	2.28	1.35	1.84	1.683	12.62				21.95
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	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Confirm	lb											0.5000	21.76	10.88	10.88
Dipel	pt											1.0000	6.27	6.27	6.27
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Solubore	lb											1.0000	1.10	1.10	1.10
Sodium Molybdate	lb											0.2500	18.00	4.50	4.50
Cultivator 1R	3 ft	23	1.530	1.00	Oct	3.86	2.28	1.35	1.84	1.683	12.62				21.95
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Blanching labor	hour			1.00	Nov							15.0000	7.50	112.50	112.50
Trailer utility	10 ft	23	1.000	2.00	Nov	5.05	2.98	0.53	1.81	2.200	16.50				26.87
Harvest labor	hour			1.00	Nov							30.0000	7.50	225.00	225.00
Packing labor	hour			1.00	Nov							11.0000	7.50	82.50	82.50
Packing boxes	each			1.00	Nov							300.0000	1.25	375.00	375.00
Pickup truck	1/2 ton		1.000	10.00	Nov			82.00	87.60	10.000	75.00				244.60
Disk 2R	6 ft	43	0.570	1.00	Nov	2.26	1.66	0.70	0.96	0.627	4.70				10.29
TOTALS						37.09	22.87	113.17	158.27	31.081	233.11			1578.67	2143.18
INTEREST ON OPERATING CAPITAL															21.39
TOTAL SPECIFIED COST															2164.56

Table 8.B Summary of estimated costs per acre, Cauliflower, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	168.50	1.0000	168.50	__________
HERBICIDES	acre	14.37	1.0000	14.37	__________
HIRED LABOR	acre	292.50	1.0000	292.50	__________
INSECTICIDES	acre	38.30	1.0000	38.30	__________
PACK & HARVEST ITEMS	acre	375.00	1.0000	375.00	__________
PLANTS	acre	382.50	1.0000	382.50	__________
HARVEST LABOR	acre	307.50	1.0000	307.50	__________
OPERATOR LABOR	hour	7.50	25.0810	188.11	__________
IRRIGATION LABOR	hour	7.50	6.0000	45.00	__________
DIESEL FUEL	gal	1.34	3.7791	5.06	__________
ELECTRICITY	kWh	0.10	36.0000	3.60	__________
GASOLINE	gal	1.78	38.5600	68.64	__________
REPAIR & MAINTENANCE	acre	72.96	1.0000	72.96	__________
INTEREST ON OP. CAP.	acre	21.39	1.0000	21.39	__________

TOTAL DIRECT EXPENSES				1983.42	__________
TOTAL FIXED EXPENSES				181.14	__________

TOTAL SPECIFIED EXPENSES				2164.56	__________

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, 2005.

Yield	Price Per Box				
(Boxes)	6.00	7.00	8.00	9.00	10.00
	Net Returns Per Acre				
220.00	-490.39	-270.39	-50.39	169.61	389.61
260.00	-336.91	-76.91	183.09	443.09	703.09
300.00	-183.42	116.58	416.58	716.58	1016.58
340.00	-29.93	310.07	650.07	990.07	1330.07
380.00	123.55	503.55	883.55	1263.55	1643.55

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, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Feb	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Fertilizer buggy	30 ft	93	0.060	1.00	Mar	0.20	0.55		0.31	0.066	0.50				1.56
13-13-13	lb											750.0000	0.18	137.25	137.25
Disk 2R	6 ft	43	0.570	2.00	Mar	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Hipper 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Planter & herb 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	0.65	1.01	1.683	12.62				20.43
Sweet corn seed	lbs											12.0000	8.76	105.12	105.12
Furadan	qts											1.0000	19.30	19.30	19.30
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Lasso	pt											6.0000	3.20	19.20	19.20
Cultivator 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											150.0000	0.15	22.50	22.50
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.5600	14.00	7.84	7.84
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.5600	14.00	7.84	7.84
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											150.0000	0.15	22.50	22.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.5600	14.00	7.84	7.84
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.5600	14.00	7.84	7.84
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.5600	14.00	7.84	7.84
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.5600	14.00	7.84	7.84
Trailer utility	10 ft	23	1.000	1.00	Jun	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Packing sacks	each			1.00	Jun							130.0000	0.75	97.50	97.50
Harvest labor	hour			1.00	Jun							20.0000	7.50	150.00	150.00
Packing labor	hour			1.00	Jun							10.0000	7.50	75.00	75.00
Pickup truck	1/2 ton		1.000	12.60	Jun			103.32	110.38	12.600	94.50				308.20
Shredder 1R	5 ft	23	0.740	1.00	Jun	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Disk 2R	6 ft	43	0.570	1.00	Jul	2.26	1.66	0.70	0.96	0.627	4.70				10.29
TOTALS						37.77	24.02	129.06	182.70	31.593	236.95			711.91	1322.41
INTEREST ON OPERATING CAPITAL															11.91
TOTAL SPECIFIED COST															1334.32

Table 9.B Summary of estimated costs per acre, Corn (Sweet), hybrid, fresh market, irrigated, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	198.75	1.0000	198.75	________
HERBICIDES	acre	19.20	1.0000	19.20	________
INSECTICIDES	acre	66.34	1.0000	66.34	________
PACK & HARVEST ITEMS	acre	97.50	1.0000	97.50	________
SEED	acre	105.12	1.0000	105.12	________
HARVEST LABOR	acre	225.00	1.0000	225.00	________
OPERATOR LABOR	hour	7.50	27.5930	206.95	________
IRRIGATION LABOR	hour	7.50	4.0000	30.00	________
DIESEL FUEL	gal	1.34	5.0388	6.75	________
ELECTRICITY	kWh	0.10	24.0000	2.40	________
GASOLINE	gal	1.78	44.2577	78.78	________
REPAIR & MAINTENANCE	acre	78.90	1.0000	78.90	________
INTEREST ON OP. CAP.	acre	11.91	1.0000	11.91	________

TOTAL DIRECT EXPENSES				1127.59	________
TOTAL FIXED EXPENSES				206.72	________

TOTAL SPECIFIED EXPENSES				1334.32	________

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, 2005.

Yield (Dozen)	Price Per Dozen 1.50	1.75	2.00	2.25	2.50
	Net Returns Per Acre				
450.00	-332.59	-220.09	-107.59	4.91	117.41
525.00	-280.09	-148.84	-17.59	113.66	244.91
600.00	-227.59	-77.59	72.41	222.41	372.41
675.00	-175.09	-6.34	162.41	331.16	499.91
750.00	-122.59	64.91	252.41	439.91	627.41

Table 10.A Estimated resource use and costs per acre for field operations, Cucumber, hybrid, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jan	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	2.00	Mar	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Middle buster 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	0.34	0.46	1.683	12.62				19.56
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											500.0000	0.11	56.50	56.50
Hipper 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Planter 1R	3 ft	23	1.500	1.00	Apr	3.79	2.24	0.35	0.54	1.650	12.38				19.29
Cucumber seed	lbs											1.0000	93.16	93.16	93.16
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Curbit	pt											3.0000	4.76	14.28	14.28
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Thiodan	lb											0.5000	6.50	3.25	3.25
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											100.0000	0.15	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Quadris	pt											0.7000	33.60	23.52	23.52
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Quadris	pt											0.7000	33.60	23.52	23.52
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											0.6000	5.26	3.16	3.16
Bravo	pt											1.5000	6.35	9.52	9.52
Other labor	hour			1.00	May							8.0000	7.50	60.00	60.00
Cultivator 1R	3 ft	23	1.530	1.00	May	3.86	2.28	1.35	1.84	1.683	12.62				21.95
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											0.6000	5.26	3.16	3.16
Bravo	pt											1.5000	6.35	9.52	9.52
Topsin M	lb											0.5000	16.60	8.30	8.30
Irrigation, furrow	acin			1.00	Jun			7.00		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	1.00	8.00	8.00
Packing labor	hour			1.00	Jun							30.0000	7.50	225.00	225.00
Packing boxes	each			1.00	Jun							300.0000	1.25	375.00	375.00
Pickup truck	1/2 ton		1.000	10.00	Jun			82.00	87.60	10.000	75.00				244.60
Shredder 1R	5 ft	23	0.740	1.00	Jun	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Disk 2R	6 ft	43	0.570	2.00	Jul	4.52	3.32	1.40	1.92	1.254	9.40				20.57
TOTALS						40.93	25.79	122.26	159.73	34.038	255.29			1332.77	1936.76
INTEREST ON OPERATING CAPITAL															14.56
TOTAL SPECIFIED COST															1951.32

Table 10.B Summary of estimated costs per acre, Cucumber, hybrid, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	88.00	1.0000	88.00	________
FUNGICIDES	acre	74.39	1.0000	74.39	________
HERBICIDES	acre	24.66	1.0000	24.66	________
HIRED LABOR	acre	135.00	1.0000	135.00	________
INSECTICIDES	acre	9.56	1.0000	9.56	________
PACK & HARVEST ITEMS	acre	383.00	1.0000	383.00	________
SEED	acre	93.16	1.0000	93.16	________
HARVEST LABOR	acre	525.00	1.0000	525.00	________
OPERATOR LABOR	hour	7.50	26.0380	195.29	________
IRRIGATION LABOR	hour	7.50	8.0000	60.00	________
DIESEL FUEL	gal	1.34	6.2985	8.44	________
ELECTRICITY	kWh	0.10	48.0000	4.80	________
GASOLINE	gal	1.78	38.2549	68.09	________
REPAIR & MAINTENANCE	acre	81.86	1.0000	81.86	________
INTEREST ON OP. CAP.	acre	14.56	1.0000	14.56	________

TOTAL DIRECT EXPENSES				1765.81	________
TOTAL FIXED EXPENSES				185.51	________

TOTAL SPECIFIED EXPENSES				1951.32	________

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, 2005.

Yield (Bushels)	Price Per Bushel 4.50	5.50	6.50	7.50	8.50
	Net Returns Per Acre				
200.00	-643.81	-443.81	-243.81	-43.81	156.19
250.00	-529.81	-279.81	-29.81	220.19	470.19
300.00	-415.81	-115.81	184.19	484.19	784.19
350.00	-301.81	48.19	398.19	748.19	1098.19
400.00	-187.81	212.19	612.19	1012.19	1412.19

Table 11.A Estimated resource use and costs per acre for field operations, Eggplant, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jan	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	2.00	Mar	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											600.0000	0.11	67.80	67.80
Hipper 1R	3 ft	23	1.530	2.00	Mar	7.73	4.56	1.35	1.84	3.366	25.25				40.72
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Plastic layer	5 ft	23	1.500	1.00	Mar	3.79	2.24	2.16	4.33	4.650	34.88				47.39
Plastic	roll											5.0000	76.80	384.00	384.00
Transplanter vegtabl	1 row	23	4.000	1.00	Mar	10.10	5.96	1.25	3.13	16.400	123.00				143.44
Eggplant plants	100											80.0000	5.00	400.00	400.00
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	2.26	1.66	0.88	1.20	0.627	4.70				10.70
Other labor	hour			1.00	Apr							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Malathion	pt											1.0000	2.95	2.95	2.95
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											75.0000	0.15	11.25	11.25
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Malathion	pt											1.0000	2.95	2.95	2.95
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.8000	14.00	11.20	11.20
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											75.0000	0.15	11.25	11.25
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Malathion	pt											1.0000	2.95	2.95	2.95
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.8000	14.00	11.20	11.20
Buffer	pt											1.0000	2.00	2.00	2.00
Harvest labor	hour			1.00	Jun							53.0000	7.50	397.50	397.50
Packing labor	hour											27.0000	7.50	202.50	202.50
Harvest container	each											8.0000	1.00	8.00	8.00
Packing boxes	each											300.0000	1.25	375.00	375.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											75.0000	0.15	11.25	11.25
Irrigation, furrow	acin			1.00	Jul			3.50		1.000	7.50	1.0000			11.00
Harvest labor	hour			1.00	Aug							53.0000	7.50	397.50	397.50
Packing boxes	each											300.0000	1.25	375.00	375.00
Packing labor	hour											27.0000	7.50	202.50	202.50
Pickup truck	1/2 ton		1.000	4.70	Aug			38.54	41.17	4.700	35.25				114.96
Coulter	1 row	23	1.500	1.00	Sep	3.79	2.24	0.64	0.90	1.650	12.38				19.94
Other labor	hour											15.0000	7.50	112.50	112.50
Shredder 1R	5 ft	23	0.740	1.00	Sep	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Pickup truck	1/2 ton		1.000	1.00	Sep			8.20	8.76	1.000	7.50				24.46
Middle buster 1R	3 ft	23	1.530	1.00	Sep	3.86	2.28	0.34	0.46	1.683	12.62				19.56
Disk 2R	6 ft	43	0.570	1.00	Sep	2.26	1.66	0.70	0.96	0.627	4.70				10.29
TOTALS						62.48	38.50	79.48	133.76	50.121	375.91			3061.68	3751.81
INTEREST ON OPERATING CAPITAL															70.68
TOTAL SPECIFIED COST															3822.50

Table 11.B Summary of estimated costs per acre, Eggplant, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	118.05	1.0000	118.05	________
HERBICIDES	acre	10.38	1.0000	10.38	________
HIRED LABOR	acre	150.00	1.0000	150.00	________
INSECTICIDES	acre	41.25	1.0000	41.25	________
PACK & HARVEST ITEMS	acre	758.00	1.0000	758.00	________
PLASTIC	acre	384.00	1.0000	384.00	________
PLANTS	acre	400.00	1.0000	400.00	________
HARVEST LABOR	acre	1200.00	1.0000	1200.00	________
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	1.34	6.2985	8.44	________
ELECTRICITY	kWh	0.10	24.0000	2.40	________
GASOLINE	gal	1.78	37.1438	66.12	________
REPAIR & MAINTENANCE	acre	65.01	1.0000	65.01	________
INTEREST ON OP. CAP.	acre	70.68	1.0000	70.68	________
TOTAL DIRECT EXPENSES				3650.23	________
TOTAL FIXED EXPENSES				172.26	________
TOTAL SPECIFIED EXPENSES				3822.50	________

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, 2005.

Yield (Boxes)	Price Per Box				
	5.75	6.75	7.75	8.75	9.75
	Net Returns Per Acre				
450.00	-429.73	20.27	470.27	920.27	1370.27
525.00	-314.98	210.02	735.02	1260.02	1785.02
600.00	-200.23	399.77	999.77	1599.77	2199.77
675.00	-85.48	589.52	1264.52	1939.52	2614.52
750.00	29.27	779.27	1529.27	2279.27	3029.27

Table 12.A Estimated resource use and costs per acre for field operations, Greens (Mustard), fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Disk 2R	6 ft	43	0.570	2.00	Jul	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Disk & herb appl 2R	6 ft	23	0.590	1.00	Aug	1.49	0.88	0.83	1.14	0.649	4.87				9.20
Treflan	pt											1.2500	3.19	3.99	3.99
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Aug	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											300.0000	0.11	33.90	33.90
Hipper 1R	3 ft	23	1.530	2.00	Aug	7.73	4.56	1.35	1.84	3.366	25.25				40.72
Conditioner, row 1R	6 ft	23	0.410	1.00	Aug	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Planter 1R	3 ft	23	1.500	1.00	Aug	3.79	2.24	0.35	0.54	1.650	12.38				19.29
Mustard seed	lbs											2.5000	4.00	10.00	10.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Malathion	pt											1.0000	2.95	2.95	2.95
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Sep	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											100.0000	0.15	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Confirm	lb											0.5000	21.76	10.88	10.88
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Malathion	pt											1.0000	2.95	2.95	2.95
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Pravado	pt											0.2300	58.40	13.43	13.43
Buffer	pt											1.0000	2.00	2.00	2.00
Harvest labor	doz			1.00	Oct							600.0000	1.50	900.00	900.00
Harvest container	each											8.0000	1.00	8.00	8.00
Packing crates	each			1.00	Oct							300.0000	1.10	330.00	330.00
String	lbs											6.0000	2.00	12.00	12.00
Pickup truck	1/2 ton		1.000	10.00	Oct			82.00	87.60	10.000	75.00				244.60
Disk 2R	6 ft	43	0.570	1.00	Oct	2.26	1.66	0.70	0.96	0.627	4.70				10.29
TOTALS						38.94	23.96	94.49	104.31	25.884	194.13			1361.48	1817.30
INTEREST ON OPERATING CAPITAL															9.65
TOTAL SPECIFIED COST															1826.95

Table 12.B Summary of estimated costs per acre, Greens (Mustard), fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	48.90	1.0000	48.90	__________
HERBICIDES	acre	14.37	1.0000	14.37	__________
INSECTICIDES	acre	38.21	1.0000	38.21	__________
PACK & HARVEST ITEMS	acre	338.00	1.0000	338.00	__________
SEED	acre	10.00	1.0000	10.00	__________
STAKES & TWINE	acre	12.00	1.0000	12.00	__________
HARVEST LABOR	acre	900.00	1.0000	900.00	__________
OPERATOR LABOR	hour	7.50	25.8840	194.13	__________
DIESEL FUEL	gal	1.34	3.7791	5.06	__________
GASOLINE	gal	1.78	39.3849	70.11	__________
REPAIR & MAINTENANCE	acre	58.26	1.0000	58.26	__________
INTEREST ON OP. CAP.	acre	9.65	1.0000	9.65	__________

TOTAL DIRECT EXPENSES				1698.69	__________
TOTAL FIXED EXPENSES				128.27	__________

TOTAL SPECIFIED EXPENSES				1826.95	__________

Table 12C. Effects of yields and prices on net returns per acre above total direct expenses, Greens (Mustard), fresh market, one-row equipment, average yield, Louisiana, 2005.

Yield	Price Per Dozen Bunches				
(Doz Bunches)	3.00	3.50	4.00	4.50	5.00
	Net Returns Per Acre				
300.00	-114.69	35.31	185.31	335.31	485.31
450.00	-6.69	218.31	443.31	668.31	893.31
600.00	101.31	401.31	701.31	1001.31	1301.31
750.00	209.31	584.31	959.31	1334.31	1709.31
900.00	317.31	767.31	1217.31	1667.31	2117.31

Table 13.A Estimated resource use and costs per acre for field operations, Okra, fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Mar							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Mar	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	1.00	Apr	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	1.49	0.88	0.83	1.14	0.649	4.87				9.20
Treflan	pt											1.5000	3.19	4.79	4.79
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											300.0000	0.11	33.90	33.90
Hipper 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Planter 1R	3 ft	23	1.500	1.00	Apr	3.79	2.24	0.35	0.54	1.650	12.38				19.29
Okra seed	lbs											6.0000	4.22	25.32	25.32
Other labor	hour			1.00	Apr							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											1.2500	5.26	6.57	6.57
Cultivator 1R	3 ft	23	1.530	1.00	May	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Other labor	hour			1.00	May							24.0000	7.50	180.00	180.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											1.2500	5.26	6.57	6.57
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											60.0000	0.15	9.00	9.00
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	1.25	50.00	50.00
Pickup truck	1/2 ton		1.000	3.00	Jul			24.60	26.28	3.000	22.50				73.38
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											1.2500	5.26	6.57	6.57
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	0.75	70.50	70.50
Packing boxes	each											40.0000	1.25	50.00	50.00
Pickup truck	1/2 ton		1.000	3.00	Aug			24.60	26.28	3.000	22.50				73.38
Shredder 1R	5 ft	23	0.740	1.00	Sep	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Middle buster 1R	3 ft	23	1.530	1.00	Sep	3.86	2.28	0.34	0.46	1.683	12.62				19.56
Disk 2R	6 ft	43	0.570	1.00	Sep	2.26	1.66	0.70	0.96	0.627	4.70				10.29
TOTALS						35.98	22.21	59.84	67.32	20.597	154.48			1802.23	2142.06
INTEREST ON OPERATING CAPITAL															29.05
TOTAL SPECIFIED COST															2171.11

Table 13.B Summary of estimated costs per acre, Okra, fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	59.40	1.0000	59.40	__________
HERBICIDES	acre	4.79	1.0000	4.79	__________
HIRED LABOR	acre	217.50	1.0000	217.50	__________
INSECTICIDES	acre	19.73	1.0000	19.73	__________
PACK & HARVEST ITEMS	acre	170.50	1.0000	170.50	__________
SEED	acre	25.32	1.0000	25.32	__________
HARVEST LABOR	acre	1305.00	1.0000	1305.00	__________
OPERATOR LABOR	hour	7.50	20.5970	154.48	__________
DIESEL FUEL	gal	1.34	3.7791	5.06	__________
GASOLINE	gal	1.78	28.0628	49.95	__________
REPAIR & MAINTENANCE	acre	40.81	1.0000	40.81	__________
INTEREST ON OP. CAP.	acre	29.05	1.0000	29.05	__________

TOTAL DIRECT EXPENSES				2081.58	__________
TOTAL FIXED EXPENSES				89.53	__________

TOTAL SPECIFIED EXPENSES				2171.11	__________

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, 2005.

Yield	--------------------Price Per Bushel----------------------				
(Bushels)	11.00	13.00	15.00	17.00	19.00
	-------------------Net Returns Per Acre-------------------				
200.00	367.22	767.22	1167.22	1567.22	1967.22
220.00	462.82	902.82	1342.82	1782.82	2222.82
240.00	558.42	1038.42	1518.42	1998.42	2478.42
260.00	654.02	1174.02	1694.02	2214.02	2734.02
280.00	749.62	1309.62	1869.62	2429.62	2989.62

Table 14.A Estimated resource use and costs per acre for field operations, Peas (Southern), nonvining, fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						dollars	dollars	dollars	dollars		dollars		dollars	dollars	dollars
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Feb	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	2.00	Apr	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	1.49	0.88	0.83	1.14	0.649	4.87				9.20
Treflan	pt											1.2500	3.19	3.99	3.99
Dual	pt											1.5000	13.49	20.24	20.24
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											300.0000	0.11	33.90	33.90
Hipper 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Planter 1R	3 ft	23	1.500	1.00	Apr	3.79	2.24	0.35	0.54	1.650	12.38				19.29
Southern pea seed	lbs											30.0000	1.81	54.30	54.30
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Thiodan	lb											1.0000	6.50	6.50	6.50
Cultivator 1R	3 ft	23	1.530	1.00	May	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Other labor	hour			1.00	May							10.0000	7.50	75.00	75.00
Cultivator 1R	3 ft	23	1.530	1.00	May	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											1.2500	5.26	6.57	6.57
Cultivator 1R	3 ft	23	1.530	1.00	Jun	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Thiodan	lb											1.0000	6.50	6.50	6.50
Harvest labor	bu			1.00	Jul							100.0000	5.00	500.00	500.00
Harvest container	each											8.0000	1.00	8.00	8.00
Packing labor	hour											6.0000	7.50	45.00	45.00
Bushel hampers	each											27.0000	2.25	60.75	60.75
Pickup truck	1/2 ton		1.000	3.00	Jul			24.60	26.28	3.000	22.50				73.38
Disk 2R	6 ft	43	0.570	1.00	Jul	2.26	1.66	0.70	0.96	0.627	4.70				10.29
TOTALS						36.65	22.93	36.43	42.18	17.531	131.48			847.63	1117.31
INTEREST ON OPERATING CAPITAL															9.47
TOTAL SPECIFIED COST															1126.78

Table 14.B Estimated resource use and costs per acre for field operations, Peas (Southern), nonvining, fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	50.40	1.0000	50.40	__________
HERBICIDES	acre	34.60	1.0000	34.60	__________
HIRED LABOR	acre	75.00	1.0000	75.00	__________
INSECTICIDES	acre	19.58	1.0000	19.58	__________
PACK & HARVEST ITEMS	acre	68.75	1.0000	68.75	__________
SEED	acre	54.30	1.0000	54.30	__________
HARVEST LABOR	acre	545.00	1.0000	545.00	__________
OPERATOR LABOR	hour	7.50	17.5310	131.48	__________
DIESEL FUEL	gal	1.34	5.0388	6.75	__________
GASOLINE	gal	1.78	19.8509	35.33	__________
REPAIR & MAINTENANCE	acre	31.00	1.0000	31.00	__________
INTEREST ON OP. CAP.	acre	9.47	1.0000	9.47	__________

TOTAL DIRECT EXPENSES				1061.67	__________
TOTAL FIXED EXPENSES				65.11	__________

TOTAL SPECIFIED EXPENSES				1126.78	__________

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, 2005.

Yield	Price Per Bushel				
(Bushels)	11.00	13.00	15.00	17.00	19.00
	Net Returns Per Acre				
70.00	-119.40	20.61	160.61	300.61	440.61
85.00	-40.53	129.47	299.47	469.47	639.47
100.00	38.33	238.33	438.33	638.33	838.33
115.00	117.19	347.19	577.19	807.19	1037.19
130.00	196.06	456.06	716.06	976.06	1236.06

Table 15.A Estimated resource use and costs per acre for field operations, Peppers (Bell), irrigated, fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Sep							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Sep	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	1.00	Oct	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Oct	3.92	2.31	1.82	2.49	1.705	12.79				23.32
13-13-13	lb											900.0000	0.18	164.70	164.70
Hipper 1R	3 ft	23	1.530	1.00	Oct	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Conditioner, row 1R	6 ft	23	0.410	1.00	Oct	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Plastic & fumigation	5 ft	23	1.500	1.00	Oct	3.79	2.24	2.39	4.78	4.650	34.88				48.06
Plastic	roll											5.0000	76.80	384.00	384.00
Methyl bromide	lbs											150.0000	2.60	390.00	390.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Gramoxone	pt											2.0000	5.40	10.80	10.80
Surfactant	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Mar	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Pepper plants	100											80.0000	8.10	648.00	648.00
Planting labor	hour											33.0000	7.50	247.50	247.50
Irrigation, furrow	acin			1.00	Mar			3.50	55.50	1.000	7.50	1.0000			66.50
Other labor	hour			1.00	Mar							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Orthene	lbs											0.6700	11.90	7.97	7.97
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	4.07	2.40	1.77	2.42	1.771	13.28				23.94
CaNO3, regular	lb											60.0000	0.25	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											1.2500	5.26	6.57	6.57
Kocide	lb											2.0000	3.00	6.00	6.00
Manzate	lb											1.0000	3.20	3.20	3.20
Irrigation, furrow	acin			1.00	Apr			3.50		1.000	7.50	1.0000			11.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											1.2500	5.26	6.57	6.57
Kocide	lb											2.0000	3.00	6.00	6.00
Manzate	lb											1.0000	3.20	3.20	3.20
Cultivate & herb 1R	3 ft	23	1.830	1.00	May	4.62	2.73	2.01	2.75	2.013	15.10				27.21
Gramoxone	pt											1.5000	5.40	8.10	8.10
Surfactant	pt											0.3000	2.00	0.60	0.60
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Malathion	pt											1.0000	2.95	2.95	2.95
Kocide	lb											2.0000	3.00	6.00	6.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	4.07	2.40	1.77	2.42	1.771	13.28				23.94
CaNO3, regular	lb											60.0000	0.25	15.00	15.00
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ridomil Gold	pt											1.0000	88.00	88.00	88.00
Other labor	hour			1.00	Jun							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Malathion	pt											1.0000	2.95	2.95	2.95
Trailer utility	10 ft	23	1.000	1.00	Jul	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Harvest labor	bu											900.0000	0.70	630.00	630.00
Harvest container	each											9.0000	1.00	9.00	9.00
Other labor	hour											13.0000	7.50	97.50	97.50
Packing labor	hour											66.0000	7.50	495.00	495.00
Packing boxes	each											900.0000	1.25	1125.00	1125.00
Pack line/wet/small	acre			1.00	Jul			2.53	12.52			1.0000			15.05
Pickup truck	1/2 ton		1.000	4.70	Jul			38.54	41.17	4.700	35.25				114.96
Shredder 1R	5 ft	23	0.740	1.00	Jul	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Coulter	1 row	23	1.500	1.00	Jul	3.79	2.24	0.64	0.90	1.650	12.38				19.94
Other labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	1/2 ton		1.000	1.00	Jul			8.20	8.76	1.000	7.50				24.46
Disk 2R	6 ft	43	0.570	2.00	Jul	4.52	3.32	1.40	1.92	1.254	9.40				20.57
TOTALS						48.47	29.91	76.63	143.43	31.379	235.34			4585.62	5119.42
INTEREST ON OPERATING CAPITAL															86.54
TOTAL SPECIFIED COST															5205.96

Table 15.B Summary of estimated costs per acre, Peppers (Bell), irrigated, fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	211.20	1.0000	211.20	__________
FUNGICIDES	acre	112.40	1.0000	112.40	__________
HERBICIDES	acre	21.50	1.0000	21.50	__________
HIRED LABOR	acre	532.50	1.0000	532.50	__________
INSECTICIDES	acre	27.02	1.0000	27.02	__________
PACK & HARVEST ITEMS	acre	1134.00	1.0000	1134.00	__________
PLASTIC	acre	384.00	1.0000	384.00	__________
FUMIGANT	acre	390.00	1.0000	390.00	__________
PLANTS	acre	648.00	1.0000	648.00	__________
HARVEST LABOR	acre	1125.00	1.0000	1125.00	__________
OPERATOR LABOR	hour	7.50	28.3790	212.84	__________
IRRIGATION LABOR	hour	7.50	3.0000	22.50	__________
DIESEL FUEL	gal	1.34	5.0388	6.75	__________
ELECTRICITY	kWh	0.10	23.2500	2.33	__________
GASOLINE	gal	1.78	31.8893	56.76	__________
REPAIR & MAINTENANCE	acre	59.27	1.0000	59.27	__________
INTEREST ON OP. CAP.	acre	86.54	1.0000	86.54	__________

TOTAL DIRECT EXPENSES				5032.61	__________
TOTAL FIXED EXPENSES				173.34	__________

TOTAL SPECIFIED EXPENSES				5205.96	__________

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, 2005.

Yield	--------------------Price Per Bushel----------------------				
(Bushels)	4.00	5.50	7.00	8.50	10.00
	------------------Net Returns Per Acre-------------------				
600.00	-2056.61	-1156.61	-256.61	643.39	1543.39
750.00	-1744.61	-619.61	505.39	1630.39	2755.39
900.00	-1432.61	-82.61	1267.39	2617.39	3967.39
1050.00	-1120.61	454.39	2029.39	3604.39	5179.39
1200.00	-808.61	991.39	2791.39	4591.39	6391.39

Table 16.A Estimated resource use and costs per acre for field operations, Pepper (Bell), irrigated, fresh wholesale market, four-row equipment, plastic mulch, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Sep							6.6000	2.50	16.50	16.50
Disk 4R	13.3 ft	68	0.150	1.00	Sep	0.94	0.69	0.56	0.77	0.165	1.24				4.19
Disk 4R	13.3 ft	68	0.150	1.00	Oct	0.94	0.69	0.56	0.77	0.165	1.24				4.19
Fertilizer buggy	30 ft	93	0.060	1.00	Oct	0.20	0.55		0.31	0.066	0.50				1.56
13-13-13	lb											900.0000	0.18	164.70	164.70
Hipper 4R	13.3 ft	68	0.160	2.00	Oct	2.01	1.46	0.63	0.87	0.352	2.64				7.61
Conditioner, row 1R	6 ft	23	0.410	1.00	Oct	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Plastic & fumigation	5 ft	23	1.500	1.00	Oct	3.79	2.24	2.39	4.78	4.650	34.88				48.06
Plastic	roll											5.0000	76.80	384.00	384.00
Methyl bromide	lbs											200.0000	2.60	520.00	520.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Gramoxone	pt											2.0000	5.40	10.80	10.80
Surfactant	pt											1.0000	2.00	2.00	2.00
Hole puncher 4R	4 row	68	0.330	1.00	Mar			0.79	1.59						2.38
Trailer utility	10 ft	23	1.000	1.00	Mar	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Pepper plants	100											80.0000	8.10	648.00	648.00
Contract planting,	2 1000											8.0000	12.50	100.00	100.00
Irrigation, furrow	acin			1.00	Mar				55.50						55.50
Other labor	hour											0.6000	7.50	4.50	4.50
Other labor	hour			1.00	Mar							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Orthene	lbs											0.6700	11.90	7.97	7.97
Kocide	lb											2.0000	3.00	6.00	6.00
Manzate	lb											1.0000	3.20	3.20	3.20
Injection wheel 4R	4 row	68	0.330	1.00	Apr			1.16	1.59						2.75
CaNO3, regular	lb											125.0000	0.25	31.25	31.25
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Manzate	lb											1.0000	3.20	3.20	3.20
Kocide	lb											2.0000	3.00	6.00	6.00
Irrigation, furrow	acin			1.00	Apr			3.50		1.000	7.50	1.0000			11.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Manzate	lb											1.0000	3.20	3.20	3.20
Kocide	lb											2.0000	3.00	6.00	6.00
Cultivate & Herb 2R	6 ft	43	0.690	1.00	May	2.74	2.01	1.21	1.66	0.759	5.69				13.31
Gramoxone	pt											1.5000	5.40	8.10	8.10
Surfactant	pt											0.3000	2.00	0.60	0.60
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ridomil Gold	pt											1.0000	88.00	88.00	88.00
Irrigation, furrow	acin			1.00	May			10.50		3.000	22.50	3.0000			33.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Lannate	pt											1.0000	6.96	6.96	6.96
Irrigation, furrow	acin			1.00	Jun			3.50		1.000	7.50	1.0000			11.00
Other labor	hour			1.00	Jun							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.5000	14.00	7.00	7.00
Cultivator 4R	13.3 ft	68	0.140	1.00	Jun	0.88	0.64	0.28	0.38	0.154	1.16				3.33
Irrigation, furrow	acin			1.00	Jun			21.00		6.000	45.00	6.0000			66.00
Trailer utility	10 ft	23	1.000	1.00	Jul	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Harvest labor	bu											900.0000	0.70	630.00	630.00
Harvest container	each											15.0000	1.00	15.00	15.00
Other labor	hour											13.0000	7.50	97.50	97.50
Vegetable bin	each											4.0000	50.00	200.00	200.00
Pack line/wet/large	acre			1.00	Jul			3.00	15.65			1.0000			18.65
Packing labor	hour											45.0000	7.50	337.50	337.50
Packing boxes	each											900.0000	1.25	1125.00	1125.00
Fork lift			1.000	1.00	Jul			4.10	4.30	1.000	7.50				15.90
Pickup truck	1/2 ton		1.000	6.20	Jul			50.84	54.31	6.200	46.50				151.65
Shredder 2R	6.7 ft	43	0.390	1.00	Jul	1.55	1.14	0.31	0.78	0.429	3.22				6.99
Coulter	4 row	68	0.140	1.00	Jul	0.88	0.64	0.30	0.42	0.154	1.16				3.39
Other labor	hour											12.0000	7.50	90.00	90.00
Pickup truck	1/2 ton		1.000	1.00	Jul			8.20	8.76	1.000	7.50				24.46
Other labor	hour											1.0000	7.50	7.50	7.50
Disk 4R	13.3 ft	68	0.150	1.00	Jul	0.94	0.69	0.56	0.77	0.165	1.24				4.19
Cover crop	acre											1.0000	60.00	60.00	60.00
TOTALS						24.31	16.31	116.03	157.27	30.373	227.80			4665.48	5207.19
INTEREST ON OPERATING CAPITAL															88.31
TOTAL SPECIFIED COST															5295.50

Table 16.B Summary of estimated costs per acre, Pepper (Bell), irrigated, fresh wholesale market, four-row equipment, plastic mulch, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	212.45	1.0000	212.45	________
FUNGICIDES	acre	115.60	1.0000	115.60	________
HERBICIDES	acre	21.50	1.0000	21.50	________
HIRED LABOR	acre	374.50	1.0000	374.50	________
INSECTICIDES	acre	21.93	1.0000	21.93	________
PACK & HARVEST ITEMS	acre	1340.00	1.0000	1340.00	________
SEED	acre	60.00	1.0000	60.00	________
PLASTIC	acre	384.00	1.0000	384.00	________
FUMIGANT	acre	520.00	1.0000	520.00	________
PLANTS	acre	648.00	1.0000	648.00	________
HARVEST LABOR	acre	967.50	1.0000	967.50	________
OPERATOR LABOR	hour	7.50	19.3730	145.30	________
IRRIGATION LABOR	hour	7.50	11.0000	82.50	________
DIESEL FUEL	gal	1.34	6.0618	8.12	________
ELECTRICITY	kWh	0.10	71.0000	7.10	________
GASOLINE	gal	1.78	25.4212	45.25	________
REPAIR & MAINTENANCE	acre	79.86	1.0000	79.86	________
INTEREST ON OP. CAP.	acre	88.31	1.0000	88.31	________

TOTAL DIRECT EXPENSES				5121.92	________
TOTAL FIXED EXPENSES				173.58	________

TOTAL SPECIFIED EXPENSES				5295.50	________

Table 16C. Effects of yields and prices on net returns per acre above total direct expenses, Peppers (Bell), irrigated, fresh wholesale market, six-row equipment, average yield, Louisiana, 2005.

Yield (bushels)	Price Per Bushel 4.00	5.50	7.00	8.50	10.00
	Net Returns Per Acre				
600.00	-2145.92	-1245.92	-345.92	554.08	1454.08
750.00	-1833.92	-708.92	416.08	1541.08	2666.08
900.00	-1521.92	-171.92	1178.08	2528.08	3878.08
1050.00	-1209.92	365.08	1940.08	3515.08	5090.08
1200.00	-897.92	902.08	2702.08	4502.08	6302.08

Table 17.A Estimated resource use and costs per acre for field operations, Potato (Irish), fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Disk 2R	6 ft	43	0.570	3.00	Jan	6.78	4.98	2.11	2.88	1.881	14.11				30.86
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jan	3.92	2.31	1.82	2.49	1.705	12.79				23.32
13-13-13	lb											800.0000	0.18	146.40	146.40
Hipper 1R	3 ft	23	1.530	1.00	Feb	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Conditioner, row 1R	6 ft	23	0.410	1.00	Feb	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Trailer utility	10 ft	23	1.000	1.00	Feb	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Planting labor	hour											14.0000	7.50	105.00	105.00
Irish potato seed	cwt											11.0000	22.00	242.00	242.00
Sprayer, boom	12 ft	23	0.190	1.00	Feb	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Dual	pt											2.0000	13.49	26.98	26.98
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Pounce	pt											0.5000	17.60	8.80	8.80
Cultivate & fert 1R	3 ft	23	1.610	1.00	Mar	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											150.0000	0.15	22.50	22.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Bravo	pt											0.7500	6.35	4.76	4.76
Cultivator 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Pounce	pt											0.5000	17.60	8.80	8.80
Dithane	lb											0.7500	3.00	2.25	2.25
Cultivator 1R	3 ft	23	1.530	1.00	May	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Shredder 1R	5 ft	23	0.740	1.00	Jun	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Potato digger, chain	1 row	23	1.500	1.00	Jun	3.79	2.24	2.77	3.79	1.650	12.38				24.96
Trailer utility	10 ft	23	1.000	1.00	Jun	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Harvest labor	hour											28.0000	7.50	210.00	210.00
Harvest crate	each											30.0000	1.15	34.50	34.50
Packing labor	hour											22.0000	7.50	165.00	165.00
Packing sacks	each											150.0000	0.75	112.50	112.50
Pickup truck	1/2 ton		1.000	7.00	Jun			57.40	61.32	7.000	52.50				171.22
Disk 2R	6 ft	43	0.570	2.00	Jun	4.52	3.32	1.40	1.92	1.254	9.40				20.57
TOTALS						44.55	27.92	72.84	83.56	24.611	184.58			1089.49	1502.95
INTEREST ON OPERATING CAPITAL															19.28
TOTAL SPECIFIED COST															1522.23

Table 17.B Summary of estimated costs per acre, Potato (Irish), fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	168.90	1.0000	168.90	__________
FUNGICIDES	acre	7.01	1.0000	7.01	__________
HERBICIDES	acre	26.98	1.0000	26.98	__________
HIRED LABOR	acre	105.00	1.0000	105.00	__________
INSECTICIDES	acre	17.60	1.0000	17.60	__________
PACK & HARVEST ITEMS	acre	147.00	1.0000	147.00	__________
SEED	acre	242.00	1.0000	242.00	__________
HARVEST LABOR	acre	375.00	1.0000	375.00	__________
OPERATOR LABOR	hour	7.50	24.6110	184.58	__________
DIESEL FUEL	gal	1.34	6.2985	8.44	__________
GASOLINE	gal	1.78	32.3708	57.62	__________
REPAIR & MAINTENANCE	acre	51.33	1.0000	51.33	__________
INTEREST ON OP. CAP.	acre	19.28	1.0000	19.28	__________

TOTAL DIRECT EXPENSES				1410.75	__________
TOTAL FIXED EXPENSES				111.48	__________

TOTAL SPECIFIED EXPENSES				1522.23	__________

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, 2005.

Yield	-------------------------Price Per Sack-------------------				
(Sack)	13.00	14.00	15.00	16.00	17.00
	------------------Net Returns Per Acre-------------------				
100.00	-11.25	88.75	188.75	288.75	388.75
125.00	264.00	389.00	514.00	639.00	764.00
150.00	539.25	689.25	839.25	989.25	1139.25
175.00	814.50	989.50	1164.50	1339.50	1514.50
200.00	1089.75	1289.75	1489.75	1689.75	1889.75

Table 18.A Estimated resource use and costs per acre for field operations, Potato (Sweet), fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Disk 2R	6 ft	43	0.570	1.00	Mar	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	2.00	Apr	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Hipper 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Lorsban 4E	pt											2.0000	4.77	9.54	9.54
Fertilizer applicatr	1 row	23	0.500	1.00	Apr	1.26	0.75	0.15	0.24	0.550	4.13				6.52
8-24-24	lb											500.0000	0.11	56.50	56.50
Hipper 1R	3 ft	23	1.530	1.00	May	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Ditcher	1.5 ft	23	0.050	1.00	May	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Hipper 1R	3 ft	23	1.530	1.00	May	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Trailer utility	10 ft	23	1.000	1.00	May	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Planting labor	hour											10.0000	7.50	75.00	75.00
Sweet potato slips	acre											1.0000	117.63	117.63	117.63
Cut slip labor	hour											5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Command	qt											1.3000	20.65	26.85	26.85
Trailer, water	10 ft	43	1.000	1.00	May	3.97	2.91	0.63	2.44	1.100	8.25				18.20
Other labor	hour											2.0000	7.50	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Penncap M	pt											2.0000	3.47	6.94	6.94
Cultivator 1R	3 ft	23	1.530	1.00	Jun	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Imidan	lb.											1.3300	7.45	9.91	9.91
Ditcher	1.5 ft	23	0.050	1.00	Jun	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Penncap M	pt											2.0000	3.47	6.94	6.94
Cultivator 1R	3 ft	23	1.530	1.00	Jul	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Imidan	lb.											1.3000	7.45	9.69	9.69
Cultivator 1R	3 ft	23	1.530	1.00	Jul	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Ditcher	1.5 ft	23	0.050	1.00	Jul	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Penncap M	pt											2.0000	3.47	6.94	6.94
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Imidan	lb.											1.3000	7.45	9.69	9.69
Sprayer, boom	12 ft	23	0.190	1.00	Aug	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Penncap M	pt											2.0000	3.47	6.94	6.94
Trailer utility	10 ft	23	1.000	2.00	Sep	5.05	2.98	0.53	1.81	2.200	16.50				26.87
Shredder 1R	5 ft	23	0.740	1.00	Sep	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Coulter	1 row	23	1.500	1.00	Sep	3.79	2.24	0.64	0.90	1.650	12.38				19.94
Potato digger, chain	1 row	23	1.500	1.00	Sep	3.79	2.24	2.77	3.79	1.650	12.38				24.96
Harvest labor	hour											50.0000	7.50	375.00	375.00
Harvest crate	each											75.0000	1.15	86.25	86.25
Truck	2 ton		1.000	2.00	Sep			15.92	21.04	2.000	15.00				51.96
Other labor	hour											8.0000	7.50	60.00	60.00
TOTALS						56.44	34.86	31.85	45.79	24.880	186.60			916.30	1271.84
INTEREST ON OPERATING CAPITAL															15.52
TOTAL SPECIFIED COST															1287.36

Table 18.B Summary of estimated costs per acre, Potato (Sweet), fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	56.50	1.0000	56.50	__________
HERBICIDES	acre	26.85	1.0000	26.85	__________
HIRED LABOR	acre	187.50	1.0000	187.50	__________
INSECTICIDES	acre	66.58	1.0000	66.58	__________
PACK & HARVEST ITEMS	acre	86.25	1.0000	86.25	__________
SEED	acre	117.63	1.0000	117.63	__________
HARVEST LABOR	acre	375.00	1.0000	375.00	__________
OPERATOR LABOR	hour	7.50	24.8800	186.60	__________
DIESEL FUEL	gal	1.34	11.9891	16.07	__________
GASOLINE	gal	1.78	20.4417	36.39	__________
REPAIR & MAINTENANCE	acre	35.84	1.0000	35.84	__________
INTEREST ON OP. CAP.	acre	15.52	1.0000	15.52	__________

TOTAL DIRECT EXPENSES				1206.71	__________
TOTAL FIXED EXPENSES				80.65	__________

TOTAL SPECIFIED EXPENSES				1287.36	__________

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, 2005.

Yield	Price Per Box				
(Cwt)	5.00	6.00	7.00	8.00	9.00
	Net Returns Per Acre				
200.00	-194.21	-74.21	45.79	165.79	285.79
250.00	-160.46	-10.46	139.54	289.54	439.54
300.00	-126.71	53.29	233.29	413.29	593.29
350.00	-92.96	117.04	327.04	537.04	747.04
400.00	-59.21	180.79	420.79	660.79	900.79

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, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Disk 4R	13.3 ft	68	0.150	1.00	Apr	0.94	0.69	0.56	0.77	0.165	1.24				4.19
Disk 4R	13.3 ft	68	0.150	2.00	Apr	1.88	1.37	1.12	1.53	0.330	2.48				8.38
Fertilizer buggy	30 ft	68	0.060	1.00	Apr	0.38	0.27	0.23	0.31	0.066	0.50				1.69
8-24-24	lb											500.0000	0.11	56.50	56.50
Hipper 4R	13.3 ft	68	0.160	1.00	Apr	1.00	0.73	0.32	0.43	0.176	1.32				3.80
Lorsban 4E	pt											2.0000	4.77	9.54	9.54
Hipper 4R	13.3 ft	68	0.160	2.00	May	2.01	1.46	0.63	0.87	0.352	2.64				7.61
Trailer utility	10 ft	23	1.000	1.00	May	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Sweet potato slips	acre											1.0000	117.63	117.63	117.63
Cut slip labor	hour											5.0000	7.50	37.50	37.50
Planting labor	hour											12.0000	7.50	90.00	90.00
Trailer, water	10 ft	43	1.000	1.00	May	3.97	2.91	0.63	2.44	1.100	8.25				18.20
Other labor	hour											2.0000	7.50	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Command	qt											1.3000	20.65	26.85	26.85
Ditcher	1.5 ft	23	0.050	1.00	May	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Penncap M	pt											2.0000	3.47	6.94	6.94
Cultivator 4R	13.3 ft	68	0.140	1.00	Jun	0.88	0.64	0.28	0.38	0.154	1.16				3.33
Ditcher	1.5 ft	23	0.050	1.00	Jun	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Imidan	lb.											1.3000	7.45	9.69	9.69
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Penncap M	pt											2.0000	3.47	6.94	6.94
Cultivator 4R	13.3 ft	68	0.140	1.00	Jul	0.88	0.64	0.28	0.38	0.154	1.16				3.33
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Imidan	lb.											1.3000	7.45	9.69	9.69
Cultivator 4R	13.3 ft	68	0.140	1.00	Jul	0.88	0.64	0.28	0.38	0.154	1.16				3.33
Ditcher	1.5 ft	23	0.050	1.00	Jul	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Penncap M	pt											2.0000	3.47	6.94	6.94
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Imidan	lb.											1.3000	7.45	9.69	9.69
Sprayer, boom	12 ft	23	0.190	1.00	Aug	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Penncap M	pt											2.0000	3.47	6.94	6.94
Coulter	4 row	68	0.140	1.00	Sep	0.88	0.64	0.30	0.42	0.154	1.16				3.39
Shredder 2R	6.7 ft	43	0.390	1.00	Sep	1.55	1.14	0.31	0.78	0.429	3.22				6.99
Trailer utility	10 ft	23	1.000	1.00	Sep	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Other labor	hour											1.0000	7.50	7.50	7.50
Truck	2 ton		1.000	2.00	Sep			15.92	21.04	2.000	15.00				51.96
Other labor	hour											7.0000	7.50	52.50	52.50
Harvester, riding 1R	1 row	68	2.670	1.00	Sep	16.74	12.21	7.83	10.70	2.937	22.03				69.50
Potato bins	each											3.0000	50.00	150.00	150.00
Harvest labor	hour											33.0000	7.50	247.50	247.50
Truck	2 ton		1.000	1.00	Sep			7.96	10.52	1.000	7.50				25.98
Fork lift			1.000	1.00	Sep			4.10	4.30	1.000	7.50				15.90
Packing Line	acre			1.00	Sep			5.62	9.11	20.000	150.00	1.0000			164.73
Packing boxes	each											180.0000	1.20	216.00	216.00
Other labor	hour											1.5000	7.50	11.25	11.25
TOTALS						41.23	28.81	49.31	68.79	34.208	256.56			1094.58	1539.29
INTEREST ON OPERATING CAPITAL															15.10
TOTAL SPECIFIED COST															1554.39

Table 19.B Summary of estimated costs per acre, Potato (Sweet), fresh market, four-row field equipment, one-row riding harvester, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	56.50	1.0000	56.50	__________
HERBICIDES	acre	26.85	1.0000	26.85	__________
HIRED LABOR	acre	213.75	1.0000	213.75	__________
INSECTICIDES	acre	66.36	1.0000	66.36	__________
PACK & HARVEST ITEMS	acre	366.00	1.0000	366.00	__________
SEED	acre	117.63	1.0000	117.63	__________
HARVEST LABOR	acre	247.50	1.0000	247.50	__________
OPERATOR LABOR	hour	7.50	14.2080	106.56	__________
HAND LABOR	hour	7.50	20.0000	150.00	__________
DIESEL FUEL	gal	1.34	26.8419	35.97	__________
ELECTRICITY	kWh	0.10	7.7000	0.77	__________
GASOLINE	gal	1.78	5.6471	10.05	__________
REPAIR & MAINTENANCE	acre	43.75	1.0000	43.75	__________
INTEREST ON OP. CAP.	acre	15.10	1.0000	15.10	__________

TOTAL DIRECT EXPENSES				1456.78	__________
TOTAL FIXED EXPENSES				97.60	__________

TOTAL SPECIFIED EXPENSES				1554.39	__________

Table 19C. Effects of yields and prices on net returns per acre above total direct expenses, Potato (Sweet), fresh market four-row equipment, one-row riding harvester, average yield, Louisiana, 2005.

Yield	Price Per Box				
(Cwt)	7.00	8.00	9.00	10.00	11.00
	Net Returns Per Acre				
200.00	-138.88	-18.88	101.12	221.12	341.12
250.00	-77.83	72.17	222.17	372.17	522.17
300.00	-16.78	163.22	343.22	523.22	703.22
350.00	44.27	254.27	464.27	674.27	884.27
400.00	105.32	345.32	585.32	825.32	1065.32

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, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Disk 6R	20 ft	143	0.100	3.00	Apr	4.23	3.69	2.31	3.16	0.330	2.48				15.86
Fertilizer buggy	30 ft	68	0.060	1.00	Apr	0.38	0.27	0.23	0.31	0.066	0.50				1.69
8-24-24	lb											500.0000	0.11	56.50	56.50
Hipper 6R	20 ft	143	0.090	1.00	Apr	1.27	1.11	0.29	0.39	0.099	0.74				3.79
Lorsban 4E	pt											2.0000	4.77	9.54	9.54
Hipper 6R	20 ft	143	0.090	2.00	May	2.54	2.21	0.57	0.78	0.198	1.49				7.58
Trailer utility	10 ft	23	1.000	1.00	May	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Sweet potato slips	acre											1.0000	117.63	117.63	117.63
Cut slip labor	hour											5.0000	7.50	37.50	37.50
Transplanter 4R	12 ft	68	0.600	1.00	May	3.76	2.74	1.52	4.81	0.660	4.95				17.78
Planting labor	hour											12.0000	7.50	90.00	90.00
Harvest crate	each											3.0000	1.15	3.45	3.45
Sprayer, boom	20 ft	93	0.120	1.00	May	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Command	qt											1.3000	20.65	26.85	26.85
Ditcher	1.5 ft	23	0.050	1.00	May	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Penncap M	pt											2.0000	3.47	6.94	6.94
Cultivator 6R	20 ft	143	0.100	1.00	Jun	1.41	1.23	0.29	0.39	0.110	0.83				4.15
Ditcher	1.5 ft	23	0.050	1.00	Jun	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Imidan	lb.											1.3000	7.45	9.69	9.69
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Penncap M	pt											2.0000	3.47	6.94	6.94
Cultivator 6R	20 ft	143	0.100	1.00	Jul	1.41	1.23	0.29	0.39	0.110	0.83				4.15
Sprayer, boom	20 ft	93	0.120	1.00	Jul	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Imidan	lb.											1.3000	7.45	9.69	9.69
Cultivator 6R	20 ft	143	0.100	1.00	Jul	1.41	1.23	0.29	0.39	0.110	0.83				4.15
Ditcher	1.5 ft	23	0.050	1.00	Jul	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Sprayer, boom	20 ft	93	0.120	1.00	Jul	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Penncap M	pt											2.0000	3.47	6.94	6.94
Sprayer, boom	20 ft	93	0.120	1.00	Jul	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Imidan	lb.											1.3000	7.45	9.69	9.69
Sprayer, boom	20 ft	93	0.120	1.00	Aug	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Penncap M	pt											2.0000	3.47	6.94	6.94
Coulter	4 row	0	0.140	1.00	Sep			0.30	0.42						0.72
Shredder 2R	6.7 ft	43	0.390	1.00	Sep	1.55	1.14	0.31	0.78	0.429	3.22				6.99
Trailer utility	10 ft	23	1.000	1.00	Sep	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Other labor	hour											1.0000	7.50	7.50	7.50
Truck	2 ton		1.000	2.00	Sep			15.92	21.04	2.000	15.00				51.96
Other labor	hour											7.0000	7.50	52.50	52.50
Harvester, riding 2R	2 row	0	2.000	1.00	Sep			5.48	8.42						13.90
Harvest labor	hour											32.0000	7.50	240.00	240.00
Potato bins	each											3.0000	50.00	150.00	150.00
Truck	2 ton		1.000	1.00	Sep			7.96	10.52	1.000	7.50				25.98
Fork lift			1.000	1.00	Sep			4.10	4.30	1.000	7.50				15.90
Packing Line	acre			1.00	Sep			5.62	9.11	20.000	150.00	1.0000			164.73
Packing boxes	each											180.0000	1.20	216.00	216.00
Other labor	hour											1.5000	7.50	11.25	11.25
TOTALS						32.81	26.81	48.43	69.68	29.533	221.50			1075.53	1474.77
INTEREST ON OPERATING CAPITAL															14.57
TOTAL SPECIFIED COST															1489.33

Table 20.B Summary of estimated costs per acre, Potato (Sweet), fresh market, six-row field equipment, two-row riding harvester, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	56.50	1.0000	56.50	________
HERBICIDES	acre	26.85	1.0000	26.85	________
HIRED LABOR	acre	198.75	1.0000	198.75	________
INSECTICIDES	acre	66.36	1.0000	66.36	________
PACK & HARVEST ITEMS	acre	369.45	1.0000	369.45	________
SEED	acre	117.63	1.0000	117.63	________
HARVEST LABOR	acre	240.00	1.0000	240.00	________
OPERATOR LABOR	hour	7.50	9.5330	71.50	________
HAND LABOR	hour	7.50	20.0000	150.00	________
DIESEL FUEL	gal	1.34	23.1735	31.05	________
ELECTRICITY	kWh	0.10	7.7000	0.77	________
GASOLINE	gal	1.78	3.9295	6.99	________
REPAIR & MAINTENANCE	acre	42.43	1.0000	42.43	________
INTEREST ON OP. CAP.	acre	14.57	1.0000	14.57	________

TOTAL DIRECT EXPENSES				1392.84	________
TOTAL FIXED EXPENSES				96.49	________

TOTAL SPECIFIED EXPENSES				1489.33	________

Table 20C. Effects of yields and prices on net returns per acre above total direct expenses, Potato (Sweet), fresh market , four-row equipment, two-row riding harvester, average yield, Louisiana, 2005.

Yield (bu)	Price Per Box 7.00	8.00	9.00	10.00	11.00
	Net Returns Per Acre				
200.00	-74.94	45.06	165.06	285.06	405.06
250.00	-13.89	136.11	286.11	436.11	586.11
300.00	47.16	227.16	407.16	587.16	767.16
350.00	108.21	318.21	528.21	738.21	948.21
400.00	169.26	409.26	649.26	889.26	1129.26

Table 21.A Estimated resource use and costs per acre for field operations, Shallots, fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Disk 2R	6 ft	43	0.570	3.00	Aug	6.78	4.98	2.11	2.88	1.881	14.11				30.86
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Aug	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											400.0000	0.11	45.20	45.20
Hipper 1R	3 ft	23	1.530	2.00	Aug	7.73	4.56	1.35	1.84	3.366	25.25				40.72
Trailer utility	10 ft	23	1.000	1.00	Aug	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Planting labor	hour											20.0000	7.50	150.00	150.00
Shallots sets	lbs											300.0000	2.00	600.00	600.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Malathion	pt											0.6000	2.95	1.77	1.77
Buffer	pt											1.0000	2.00	2.00	2.00
Ridomil + Bravo	lb											1.0000	17.75	17.75	17.75
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Prowl	pt											1.5000	2.50	3.75	3.75
Cultivator 1R	3 ft	23	1.530	1.00	Sep	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Cultivate & fert 1R	3 ft	23	1.610	1.00	Oct	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											100.0000	0.15	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Malathion	pt											0.6000	2.95	1.77	1.77
Buffer	pt											1.0000	2.00	2.00	2.00
Ridomil + Bravo	lb											1.0000	17.75	17.75	17.75
Cultivator 1R	3 ft	23	1.530	1.00	Oct	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Cultivator 1R	3 ft	23	1.530	1.00	Nov	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Malathion	pt											0.6000	2.95	1.77	1.77
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Dec	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Malathion	pt											0.6000	2.95	1.77	1.77
Buffer	pt											1.0000	2.00	2.00	2.00
Lifter blade	1 row	43	1.500	1.00	Jan	5.95	4.37	1.17	2.34	1.650	12.38				26.21
Harvest labor	hour			1.00	Jan							25.0000	7.50	187.50	187.50
Harvest container	each			1.00	Jan							4.0000	1.00	4.00	4.00
Packing labor	hour			1.00	Jan							140.0000	7.50	1050.00	1050.00
Rubber bands	lbs			1.00	Jan							2.0000	5.00	10.00	10.00
Packing crates	each			1.00	Jan							400.0000	1.10	440.00	440.00
Ice	cwt			1.00	Jan							40.0000	7.10	284.00	284.00
Pickup truck	1/2 ton		1.000	6.00	Jan			49.20	52.56	6.000	45.00				146.76
Middle buster 1R	3 ft	23	1.530	1.00	Jan	3.86	2.28	0.34	0.46	1.683	12.62				19.56
Disk 2R	6 ft	43	0.570	2.00	Jan	4.52	3.32	1.40	1.92	1.254	9.40				20.57
TOTALS						57.22	36.25	66.11	76.53	28.187	211.40			2840.03	3287.54
INTEREST ON OPERATING CAPITAL															37.26
TOTAL SPECIFIED COST															3324.80

Table 21.B Summary of estimated costs per acre, Shallots, fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	60.20	1.0000	60.20	________
FUNGICIDES	acre	35.50	1.0000	35.50	________
HERBICIDES	acre	3.75	1.0000	3.75	________
HIRED LABOR	acre	150.00	1.0000	150.00	________
INSECTICIDES	acre	15.08	1.0000	15.08	________
PACK & HARVEST ITEMS	acre	738.00	1.0000	738.00	________
SEED	acre	600.00	1.0000	600.00	________
HARVEST LABOR	acre	1237.50	1.0000	1237.50	________
OPERATOR LABOR	hour	7.50	28.1870	211.40	________
DIESEL FUEL	gal	1.34	9.6135	12.88	________
GASOLINE	gal	1.78	32.8766	58.52	________
REPAIR & MAINTENANCE	acre	51.93	1.0000	51.93	________
INTEREST ON OP. CAP.	acre	37.26	1.0000	37.26	________

TOTAL DIRECT EXPENSES				3212.02	________
TOTAL FIXED EXPENSES				112.78	________

TOTAL SPECIFIED EXPENSES				3324.80	________

Table 21C. Effects of yields and prices on net returns per acre above total direct expenses, Shallots, fresh market, one-row equipment, average yield, Louisiana, 2005.

Yield	Price Per Dozen Bunches				
(Doz Bunches)	1.60	1.80	2.00	2.20	2.40
	Net Returns Per Acre				
1000.00	106.73	306.73	506.73	706.73	906.73
1500.00	47.36	347.36	647.36	947.36	1247.36
2000.00	-12.02	387.98	787.98	1187.98	1587.98
2500.00	-71.40	428.61	928.61	1428.61	1928.61
3000.00	-130.77	469.23	1069.23	1669.23	2269.23

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, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Feb	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Disk 2R	6 ft	43	0.570	1.00	Mar	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	2.00	Mar	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											500.0000	0.11	56.50	56.50
Hipper 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Planter 1R	3 ft	23	1.500	1.00	Mar	3.79	2.24	0.35	0.54	1.650	12.38				19.29
Yellow squash seed	lbs											4.0000	42.00	168.00	168.00
Other labor	hour			1.00	Apr							15.0000	7.50	112.50	112.50
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											100.0000	0.15	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Thiodan	lb											0.5000	6.50	3.25	3.25
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Quadris	pt											0.7000	33.60	23.52	23.52
Cultivator 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Quadris	pt											0.7000	33.60	23.52	23.52
Cultivator 1R	3 ft	23	1.530	1.00	May	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											0.6000	5.26	3.16	3.16
Bravo	pt											1.5000	6.35	9.52	9.52
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											0.6000	5.26	3.16	3.16
Topsin M	lb											0.5000	16.60	8.30	8.30
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											0.6000	5.26	3.16	3.16
Trailer utility	10 ft	23	1.000	1.00	Jun	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Harvest labor	hour											110.0000	7.50	825.00	825.00
Harvest container	each											8.0000	1.00	8.00	8.00
Pack line/wet/small	acre			1.00	Jun				12.52						12.52
Packing labor	hour											12.0000	7.50	90.00	90.00
Packing boxes	each											375.0000	0.95	356.25	356.25
Pickup truck	1/2 ton		1.000	10.00	Jun			82.00	87.60	10.000	75.00				244.60
Shredder 1R	5 ft	23	0.740	1.00	Jun	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Disk 2R	6 ft	43	0.570	1.00	Jun	2.26	1.66	0.70	0.96	0.627	4.70				10.29
TOTALS						45.72	28.94	96.24	119.99	27.765	208.24			1735.71	2234.84
INTEREST ON OPERATING CAPITAL															16.51
TOTAL SPECIFIED COST															2251.35

Table 22.B Summary of estimated costs per acre, Squash (Yellow Summer), hybrid, fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	88.00	1.0000	88.00	_________
FUNGICIDES	acre	64.86	1.0000	64.86	_________
HERBICIDES	acre	10.38	1.0000	10.38	_________
HIRED LABOR	acre	112.50	1.0000	112.50	_________
INSECTICIDES	acre	12.72	1.0000	12.72	_________
PACK & HARVEST ITEMS	acre	364.25	1.0000	364.25	_________
SEED	acre	168.00	1.0000	168.00	_________
HARVEST LABOR	acre	915.00	1.0000	915.00	_________
OPERATOR LABOR	hour	7.50	27.7650	208.24	_________
DIESEL FUEL	gal	1.34	7.5582	10.13	_________
GASOLINE	gal	1.78	39.3849	70.11	_________
REPAIR & MAINTENANCE	acre	61.73	1.0000	61.73	_________
INTEREST ON OP. CAP.	acre	16.51	1.0000	16.51	_________

TOTAL DIRECT EXPENSES				2102.42	_________
TOTAL FIXED EXPENSES				148.93	_________

TOTAL SPECIFIED EXPENSES				2251.35	_________

Table 22C. Effects of yields and prices on net returns per acre above total direct expenses, Squash (Yellow Summer), hybrid, fresh market, one-row equipment, average yield, Louisiana, 2005.

Yield	Price Per Box				
(Boxes)	5.50	6.50	7.50	8.50	9.50
	Net Returns Per Acre				
275.00	-214.38	60.62	335.62	610.62	885.62
325.00	-127.15	197.85	522.85	847.85	1172.85
375.00	-39.92	335.08	710.08	1085.08	1460.08
425.00	47.31	472.31	897.31	1322.31	1747.31
475.00	134.54	609.54	1084.54	1559.54	2034.54

Table 23.A Estimated resource use and costs per acre for field operations, Strawberries, drip irrigated, fresh market, plastic mulch, row covers, four row equipment, high yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	May							6.6700	2.50	16.68	16.68
Disk 6R	20 ft	143	0.100	2.00	May	2.82	2.46	1.54	2.10	0.220	1.65				10.57
Hipper 4R	13.3 ft	68	0.160	1.00	Jun	1.00	0.73	0.32	0.43	0.176	1.32				3.80
Fertilizer dist(PTO)	20 ft	23	0.110	1.00	Jun	0.28	0.16	0.10	0.14	0.121	0.91				1.59
Southern pea seed	lbs											40.0000	1.81	72.40	72.40
Harrow, spike	18 ft	68	0.080	1.00	Jun	0.50	0.37	0.07	0.10	0.088	0.66				1.69
Shredder 2R	6.7 ft	43	0.390	1.00	Aug	1.55	1.14	0.31	0.78	0.429	3.22				6.99
Middle buster 4R	4R	93	0.300	1.00	Aug	2.95	2.74	0.46	0.63	0.330	2.48				9.26
Ditcher	1.5 ft	23	0.050	1.00	Aug	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Fertilizer applicatr	20 ft	93	0.090	1.00	Sep	0.31	0.82	0.24	0.32	0.099	0.74				2.43
Nitrogen	lb											75.0000	0.15	11.25	11.25
Phosphorus	lb											170.0000	0.12	19.72	19.72
Potash	lb											160.0000	0.08	13.12	13.12
Hipper 4R	13.3 ft	68	0.160	1.00	Sep	1.00	0.73	0.32	0.43	0.176	1.32				3.80
Ditcher	1.5 ft	23	0.050	1.00	Sep	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Row shaper	4R	68	0.300	1.00	Sep	1.88	1.37	0.79	1.08	0.330	2.48				7.60
Ditcher	1.5 ft	23	0.050	1.00	Sep	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Plastic & fumigation	5 ft	23	1.500	1.00	Sep	3.79	2.24	2.39	4.78	4.650	34.88				48.06
Pickup truck	1/2 ton		1.000					8.20	8.76	1.000	7.50				24.46
Plastic	roll											5.0000	76.80	384.00	384.00
Methyl bromide	lbs											200.0000	2.60	520.00	520.00
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	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Other labor	hour											12.0000	7.50	90.00	90.00
Hole Puncher 1R	3 ft	23	0.750	1.00	Oct	1.89	1.12	0.63	0.99	0.825	6.19				10.81
Trailer small	8 ft	23	1.000	1.00	Oct	2.53	1.49	0.24	0.81	1.100	8.25				13.32
Pickup truck	1/2 ton		1.000					8.20	8.76	1.000	7.50				24.46
Strawberry plants	1000											15.0000	80.00	1200.00	1200.00
Contract planting,	1 1000											15.0000	18.75	281.25	281.25
Irrigate/fert, drip	acin			4.00	Oct			11.24	60.00			1.0000			71.24
CANO3, water sol.	lb											80.0000	0.35	28.00	28.00
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Princep	lb											0.7000	3.73	2.61	2.61
Gramoxone	pt											2.0000	5.40	10.80	10.80
Surfactant	pt											1.0000	2.00	2.00	2.00
Irrigate/fert, drip	acin			4.00	Nov			11.24				1.0000			11.24
CANO3, water sol.	lb											80.0000	0.35	28.00	28.00
Trailer utility	10 ft	23	1.000	1.00	Dec	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Pickup truck	1/2 ton		1.000					8.20	8.76	1.000	7.50				24.46
Row covers	roll											2.0000	435.00	870.00	870.00
Rice Bags	100											2.0000	20.00	40.00	40.00
Other labor	hour											12.0000	7.50	90.00	90.00
Sprayer, boom	12 ft	23	0.190	4.00	Dec	1.92	1.13	1.05	1.08	0.836	6.27				11.45
Kocide	lb											6.0000	3.00	18.00	18.00
Irrigate/fert, drip	acin			4.00	Dec			11.24				1.0000			11.24
CANO3, water sol.	lb											80.0000	0.35	28.00	28.00
Sprayer, boom	12 ft	23	0.190	4.00	Dec	1.92	1.13	1.05	1.08	0.836	6.27				11.45
Kocide	lb											6.0000	3.00	18.00	18.00
Irrigation/sprinkler	acin			2.00	Dec			8.46	74.65	2.000	15.00	2.0000			98.11
Irrigate/fert, drip	acin			4.00	Jan			11.24				1.0000			11.24
CANO3, water sol.	lb											80.0000	0.35	28.00	28.00
Irrigation/sprinkler	acin			4.00	Jan			16.92		4.000	30.00	4.0000			46.92
Other labor	hour			1.00	Jan							18.0000	7.50	135.00	135.00
Sprayer, boom	12 ft	23	0.190	8.00	Jan	3.84	2.27	2.09	2.17	1.672	12.54				22.90
Topsin M	lb											4.0000	16.60	66.40	66.40
Captan	lb											16.0000	5.00	80.00	80.00
Pickup truck	1/2 ton		1.000	1.00	Feb			8.20	8.76	1.000	7.50				24.46
Clean berry plants	hour											60.0000	7.50	450.00	450.00
Sprayer, boom	12 ft	23	0.190	1.00	Feb	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Gramoxone	pt											2.0000	5.40	10.80	10.80
Surfactant	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	4.00	Feb	1.92	1.13	1.05	1.08	0.836	6.27				11.45
Rovral	pt											2.0000	19.00	38.00	38.00
Captan	lb											8.0000	5.00	40.00	40.00
Irrigate/fert, drip	acin			4.00	Feb			11.24				1.0000			11.24
CANO3, water sol.	lb											80.0000	0.35	28.00	28.00
Irrigation/sprinkler	acin			4.00	Feb			16.92		4.000	30.00	4.0000			46.92
Other labor	hour			1.00	Feb							18.0000	7.50	135.00	135.00
Pickup truck	1/2 ton		1.000	1.00	Mar			8.20	8.76	1.000	7.50				24.46
Strip berry labor	hour											15.0000	7.50	112.50	112.50
Irrigation/sprinkler	acin			2.00	Mar			8.46		2.000	15.00	2.0000			23.46
Irrigate/fert, drip	acin			4.00	Mar			22.48				2.0000			22.48
CANO3, water sol.	lb											80.0000	0.35	28.00	28.00
Sprayer, boom	12 ft	23	0.190	2.00	Mar	0.96	0.57	0.52	0.54	0.418	3.14				5.73
Quadris	pt											0.6000	33.60	20.16	20.16
AgriMek	pt											1.0000	83.50	83.50	83.50
Truck	1 ton		1.000	1.00	Mar			8.72	9.02	1.100	8.25				25.98
Harvest labor	flat											900.0000	1.50	1350.00	1350.00
Flats	each											900.0000	1.25	1125.00	1125.00
Packing labor	hour											6.0000	7.50	45.00	45.00
Sprayer, boom	12 ft	23	0.190	2.00	Apr	0.96	0.57	0.52	0.54	0.418	3.14				5.73
Quadris	pt											0.6000	33.60	20.16	20.16
AgriMek	pt											1.0000	83.50	83.50	83.50
Irrigate/fert, drip	each			4.00	Apr			22.48	289.00			2.0000			311.48
CANO3, water sol.	lb											80.0000	0.35	28.00	28.00
Truck	1 ton		1.000	1.00	Apr			8.72	9.02	1.100	8.25				25.98
Harvest labor	flat											900.0000	1.50	1350.00	1350.00
Flats	each											900.0000	1.25	1125.00	1125.00
Packing labor	hour											6.0000	7.50	45.00	45.00
Irrigate/fert, drip	acin			4.00	May			22.48				2.0000			22.48
CANO3, water sol.	lb											80.0000	0.35	28.00	28.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Gramoxone	pt											2.0000	5.40	10.80	10.80
Surfactant	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Jun	2.53	1.49	0.27	0.90	1.100	8.25				13.44

Table 23.A (Continued)

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Truck	1 ton		1.000					8.72	9.02	1.100	8.25				25.98
Other labor	hour											15.0000	7.50	112.50	112.50
Coulter	1 row	23	1.500	1.00	Jun	3.79	2.24	0.64	0.90	1.650	12.38				19.94
TOTALS						45.20	29.94	257.77	518.50	39.602	297.02			10846.65	11995.07
INTEREST ON OPERATING CAPITAL															211.21
TOTAL SPECIFIED COST															12206.27

Table 23.B Summary of estimated costs per acre, Strawberries, drip irrigated, fresh market, plastic mulch, row covers, four-row equipment, high yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	284.77	1.0000	284.77	________
FUNGICIDES	acre	300.72	1.0000	300.72	________
HERBICIDES	acre	41.01	1.0000	41.01	________
HIRED LABOR	acre	1503.75	1.0000	1503.75	________
INSECTICIDES	acre	167.00	1.0000	167.00	________
PACK & HARVEST ITEMS	acre	2250.00	1.0000	2250.00	________
SEED	acre	72.40	1.0000	72.40	________
PLASTIC	acre	807.00	1.0000	807.00	________
FUMIGANT	acre	520.00	1.0000	520.00	________
PLANTS	acre	1200.00	1.0000	1200.00	________
HARVEST LABOR	acre	2790.00	1.0000	2790.00	________
ROW COVERS	acre	910.00	1.0000	910.00	________
OPERATOR LABOR	hour	7.50	27.6020	207.02	________
IRRIGATION LABOR	hour	7.50	12.0000	90.00	________
DIESEL FUEL	gal	1.34	6.2209	8.34	________
ELECTRICITY	kWh	0.10	307.2000	30.72	________
GASOLINE	gal	1.78	36.3482	64.70	________
REPAIR & MAINTENANCE	acre	199.21	1.0000	199.21	________
INTEREST ON OP. CAP.	acre	211.21	1.0000	211.21	________
TOTAL DIRECT EXPENSES				11657.83	________
TOTAL FIXED EXPENSES				548.44	________
TOTAL SPECIFIED EXPENSES				12206.27	________

Table 23C. Effects of yields and prices on net returns per acre above total direct expenses, Strawberries, drip irrigated, fresh market four-row equipment, high yield, Louisiana, 2005.

Yield (Flat)	Price Per Flat 6.00	7.00	8.00	9.00	10.00
	Net Returns Per Acre				
1400.00	-2065.83	-665.83	734.17	2134.17	3534.17
1600.00	-1461.83	138.17	1738.17	3338.17	4938.17
1800.00	-857.83	942.17	2742.17	4542.17	6342.17
2000.00	-253.83	1746.17	3746.17	5746.17	7746.17
2200.00	350.17	2550.17	4750.17	6950.17	9150.17

Table 24.A Estimated resource use and costs per acre for field operations, Tomatoes, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Feb	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Hipper 1R	3 ft	23	1.530	1.00	Feb	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											600.0000	0.11	67.80	67.80
Hipper 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Plastic layer	5 ft	23	1.500	1.00	Mar	3.79	2.24	2.16	4.33	4.650	34.88				47.39
Plastic	roll											5.0000	76.80	384.00	384.00
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	1.89	1.12	0.63	0.99	0.825	6.19				10.81
Trailer utility	10 ft	23	1.000	1.00	Mar	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Planting labor	hour											40.0000	7.50	300.00	300.00
Tomato plants	100											40.0000	7.60	304.00	304.00
Irrigation, furrow	acin			1.00	Mar			14.00	55.50	4.000	30.00	4.0000			99.50
Cultivator 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Trailer small	8 ft	23	1.000	1.00	Apr	2.53	1.49	0.24	0.81	1.100	8.25				13.32
Other labor	hour											36.0000	7.50	270.00	270.00
Twine	roll											2.0000	25.00	50.00	50.00
Stake replacement	100											8.0000	10.50	84.00	84.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Lannate	pt											1.0000	6.96	6.96	6.96
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Gramoxone	pt											1.5000	5.40	8.10	8.10
Surfactant	pt											0.3000	2.00	0.60	0.60
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	4.07	2.40	1.77	2.42	1.771	13.28				23.94
CaNO3, regular	lb											300.0000	0.25	75.00	75.00
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Bravo	pt											1.0000	6.35	6.35	6.35
Pounce	pt											0.5000	17.60	8.80	8.80
Buffer	pt											1.0000	2.00	2.00	2.00
Irrigation, furrow	acin			1.00	Apr			7.00		2.000	15.00	2.0000			22.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Bravo	pt											1.0000	6.35	6.35	6.35
Ambush	pt											0.5000	14.00	7.00	7.00
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	May	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Quadris	pt											0.3000	33.60	10.08	10.08
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	4.07	2.40	1.77	2.42	1.771	13.28				23.94
CaNO3, regular	lb											300.0000	0.25	75.00	75.00
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Bravo	pt											1.0000	6.35	6.35	6.35
Ambush	pt											0.5000	14.00	7.00	7.00
Buffer	pt											1.0000	2.00	2.00	2.00
Other labor	hour			1.00	May							23.0000	7.50	172.50	172.50
Twine	roll											2.0000	25.00	50.00	50.00
Sprayer, boom	12 ft	23	0.190	2.00	May	0.96	0.57	0.52	0.54	0.418	3.14				5.73
Pounce	pt											1.0000	17.60	17.60	17.60
Bravo	pt											4.0000	6.35	25.40	25.40
Buffer	pt											4.0000	2.00	8.00	8.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											100.0000	0.15	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Quadris	pt											0.3000	33.60	10.08	10.08
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Pounce	pt											0.5000	17.60	8.80	8.80
Buffer	pt											1.0000	2.00	2.00	2.00
Pickup truck	1/2 ton		1.000	9.30	Jun			76.26	81.47	9.300	69.75				227.48
Trailer small	8 ft	23	1.000	1.00	Jun	2.53	1.49	0.24	0.81	1.100	8.25				13.32
Harvest labor	hour											200.0000	7.50	1500.00	1500.00
Harvest container	each											8.0000	1.00	8.00	8.00
Other labor	hour											3.0000	7.50	22.50	22.50
Packing labor	hour											120.0000	7.50	900.00	900.00
Lug boxes	each											900.0000	1.11	999.00	999.00
Shredder 1R	5 ft	23	0.740	1.00	Jun	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Coulter	1 row	23	1.500	1.00	Jun	3.79	2.24	0.64	0.90	1.650	12.38				19.94
Other labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	1/2 ton		1.000	1.00	Jun			8.20	8.76	1.000	7.50				24.46
Middle buster 1R	3 ft	23	1.530	1.00	Jun	3.86	2.28	0.34	0.46	1.683	12.62				19.56
Disk 2R	6 ft	43	0.570	1.00	Jun	2.26	1.66	0.70	0.96	0.627	4.70				10.29
TOTALS						66.98	40.50	140.48	177.05	51.394	385.46			5553.27	6363.74
INTEREST ON OPERATING CAPITAL															53.38
TOTAL SPECIFIED COST															6417.12

Table 24.B Summary of estimated costs per acre, Tomatoes, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	249.30	1.0000	249.30	________
FUNGICIDES	acre	64.61	1.0000	64.61	________
HERBICIDES	acre	8.70	1.0000	8.70	________
HIRED LABOR	acre	877.50	1.0000	877.50	________
INSECTICIDES	acre	74.16	1.0000	74.16	________
PACK & HARVEST ITEMS	acre	1007.00	1.0000	1007.00	________
STAKES & TWINE	acre	184.00	1.0000	184.00	________
PLASTIC	acre	384.00	1.0000	384.00	________
PLANTS	acre	304.00	1.0000	304.00	________
HARVEST LABOR	acre	2400.00	1.0000	2400.00	________
OPERATOR LABOR	hour	7.50	41.3940	310.46	________
IRRIGATION LABOR	hour	7.50	10.0000	75.00	________
DIESEL FUEL	gal	1.34	3.7791	5.06	________
ELECTRICITY	kWh	0.10	60.0000	6.00	________
GASOLINE	gal	1.78	52.6779	93.77	________
REPAIR & MAINTENANCE	acre	102.63	1.0000	102.63	________
INTEREST ON OP. CAP.	acre	53.38	1.0000	53.38	________

TOTAL DIRECT EXPENSES				6199.57	________
TOTAL FIXED EXPENSES				217.55	________

TOTAL SPECIFIED EXPENSES				6417.12	________

Table 24C. Effects of yields and prices on net returns per acre above total direct expenses, Tomatoes, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2005.

Yield	Price Per Box				
(Boxes)	7.00	8.00	9.00	10.00	11.00
	Net Returns Per Acre				
500.00	-1175.57	-675.57	-175.57	324.43	824.43
700.00	-537.57	162.43	862.43	1562.43	2262.43
900.00	100.43	1000.43	1900.43	2800.43	3700.43
1100.00	738.43	1838.43	2938.43	4038.43	5138.43
1300.00	1376.43	2676.43	3976.43	5276.43	6576.43

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, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						dollars	dollars	dollars	dollars		dollars		dollars	dollars	dollars
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Jan	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Hipper 1R	3 ft	23	1.530	1.00	Feb	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Feb	3.92	2.31	1.82	2.49	1.705	12.79				23.32
13-13-13	lb											700.0000	0.18	128.10	128.10
Conditioner, row 1R	6 ft	23	0.410	1.00	Feb	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Plastic layer	5 ft	23	1.500	1.00	Feb	3.79	2.24	2.16	4.33	4.650	34.88				47.39
Plastic	roll											3.0000	76.80	230.40	230.40
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	7.58	4.47	3.17	7.94	9.300	69.75				92.90
Tomato plants	100											25.0000	7.60	190.00	190.00
Planting labor	hour											2.0000	7.50	15.00	15.00
Trailer, water	10 ft	43	1.000	1.00	Mar	3.97	2.91	0.63	2.44	1.100	8.25				18.20
Trailer utility	10 ft	23	1.000	1.00	Mar	2.53	1.49	0.27	0.90	1.100	8.25				13.44
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, water sol.	lb											50.0000	0.35	17.50	17.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sencor	pt											1.0000	2.25	2.25	2.25
Trailer utility	10 ft	23	1.000	1.00	Apr	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Stake replacement	100											12.0000	10.50	126.00	126.00
Other labor	hour											15.0000	7.50	112.50	112.50
Sprayer, boom	12 ft	23	0.190	2.00	Apr	0.96	0.57	0.52	0.54	0.418	3.14				5.73
Manzate	lb											4.0000	3.20	12.80	12.80
Kocide	lb											4.0000	3.00	12.00	12.00
Buffer	pt											2.0000	2.00	4.00	4.00
Irrigation, drip	acin			1.00	Apr			7.40		0.200	1.50	1.0000			8.90
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CANO3, water sol.	lb											50.0000	0.35	17.50	17.50
Trailer utility	10 ft	23	1.000	1.00	Apr	2.53	1.49	0.27	0.90	1.100	8.25				13.44
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	0.96	0.57	0.52	0.54	0.418	3.14				5.73
Bravo	pt											8.0000	6.35	50.80	50.80
Lannate	pt											6.0000	6.96	41.76	41.76
Buffer	pt											2.0000	2.00	4.00	4.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.5000	14.00	7.00	7.00
Bravo	pt											2.0000	6.35	12.70	12.70
Buffer	pt											1.0000	2.00	2.00	2.00
Irrigation, drip	acin			1.00	Apr			7.40		0.200	1.50	1.0000			8.90
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CANO3, water sol.	lb											50.0000	0.35	17.50	17.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Gramoxone	pt											2.5000	5.40	13.50	13.50
Surfactant	pt											0.5000	2.00	1.00	1.00
Sprayer, boom	12 ft	23	0.190	2.00	Apr	0.96	0.57	0.52	0.54	0.418	3.14				5.73
Quadris	pt											0.6000	33.60	20.16	20.16
Trailer utility	10 ft	23	1.000	1.00	Apr	2.53	1.49	0.27	0.90	1.100	8.25				13.44
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, water sol.	lb											50.0000	0.35	17.50	17.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Bravo	pt											4.0000	6.35	25.40	25.40
Pounce	pt											0.5000	17.60	8.80	8.80
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	May	2.53	1.49	0.27	0.90	1.100	8.25				13.44
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, water sol.	lb											50.0000	0.35	17.50	17.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Quadris	pt											0.3000	33.60	10.08	10.08
Sprayer, boom	12 ft	23	0.190	3.00	May	1.44	0.85	0.78	0.81	0.627	4.70				8.59
Bravo	pt											6.0000	6.35	38.10	38.10
Sevin	lbs											3.7500	5.26	19.73	19.73
Buffer	pt											3.7500	2.00	7.50	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	6.50
CANO3, water sol.	lb											50.0000	0.35	17.50	17.50
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	6.50
CANO3, water sol.	lb											50.0000	0.35	17.50	17.50
Trailer utility	10 ft	23	1.000	1.00	Jun	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Harvest labor	hour											187.0000	7.50	1402.50	1402.50
Harvest container	each											8.0000	1.00	8.00	8.00
Pack line/wet/small	acre			1.00	Jun			2.53	12.52			1.0000			15.05
Packing labor	hour											125.0000	7.50	937.50	937.50
Other labor	hour											8.0000	7.50	60.00	60.00
Lug boxes	each											2000.0000	1.11	2220.00	2220.00
Trailer utility	10 ft	23	1.000	1.00	Jul	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Other labor	hour											8.0000	7.50	60.00	60.00
Shredder 1R	5 ft	23	0.740	1.00	Jul	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Coulter	1 row	23	1.500	1.00	Jul	3.79	2.24	0.64	0.90	1.650	12.38				19.94
Other labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	1/2 ton		1.000	1.00	Jul			8.20	8.76	1.000	7.50				24.46
Disk 2R	6 ft	43	0.570	2.00	Jul	4.52	3.32	1.40	1.92	1.254	9.40				20.57
TOTALS						63.25	39.20	95.37	115.50	37.287	279.65			6803.33	7396.31
INTEREST ON OPERATING CAPITAL															94.59
TOTAL SPECIFIED COST															7490.90

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, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	267.10	1.0000	267.10	__________
FUNGICIDES	acre	182.04	1.0000	182.04	__________
HERBICIDES	acre	16.75	1.0000	16.75	__________
HIRED LABOR	acre	660.00	1.0000	660.00	__________
INSECTICIDES	acre	96.79	1.0000	96.79	__________
PACK & HARVEST ITEMS	acre	2228.00	1.0000	2228.00	__________
STAKES & TWINE	acre	251.00	1.0000	251.00	__________
PLASTIC	acre	542.40	1.0000	542.40	__________
PLANTS	acre	190.00	1.0000	190.00	__________
CUSTOM	acre	29.25	1.0000	29.25	__________
HARVEST LABOR	acre	2340.00	1.0000	2340.00	__________
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	1.34	7.2488	9.71	__________
ELECTRICITY	kWh	0.10	470.5500	47.06	__________
GASOLINE	gal	1.78	24.9757	44.46	__________
REPAIR & MAINTENANCE	acre	57.40	1.0000	57.40	__________
INTEREST ON OP. CAP.	acre	94.59	1.0000	94.59	__________

TOTAL DIRECT EXPENSES				7336.19	__________
TOTAL FIXED EXPENSES				154.71	__________

TOTAL SPECIFIED EXPENSES				7490.90	__________

Table 25C. Effects of yields and prices on net returns per acre above total direct expenses, Tomatoes, drip irrigated, fresh market, one-row equipment, trellis, 60" skip row, high yield, Louisiana, 2005.

Yield	-------------------Price Per 20 Lb. Box-------------------				
(Boxes)	5.75	6.75	7.75	8.75	9.75
	-------------------Net Returns Per Acre-------------------				
1600.00	2787.81	4387.81	5987.81	7587.81	9187.81
1800.00	3475.81	5275.81	7075.81	8875.81	10675.81
2000.00	4163.81	6163.81	8163.81	10163.81	12163.81
2200.00	4851.81	7051.81	9251.81	11451.81	13651.81
2400.00	5539.81	7939.81	10339.81	12739.81	15139.81

Table 26.A Estimated resource use and costs per acre for field operations, Watermelons, fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Feb	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Middle buster 1R	3 ft	23	1.530	1.00	Feb	3.86	2.28	0.34	0.46	1.683	12.62				19.56
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	3.92	2.31	1.82	2.49	1.705	12.79				23.32
10-20-20	lb											500.0000	0.12	57.50	57.50
Hipper 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Planter 1R	3 ft	23	1.500	1.00	Mar	3.79	2.24	0.35	0.54	1.650	12.38				19.29
Watermelon seed	lbs											1.0000	26.63	26.63	26.63
Other labor	hour											2.0000	7.50	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Curbit	pt											3.0000	4.76	14.28	14.28
Cultivator 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	1.35	1.84	1.683	12.62				21.95
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	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											75.0000	0.15	11.25	11.25
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Thiodan	lb											0.5000	6.50	3.25	3.25
Quadris	pt											0.7000	33.60	23.52	23.52
Cultivator 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Thiodan	lb											0.5000	6.50	3.25	3.25
Quadris	pt											0.7000	33.60	23.52	23.52
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	May	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											0.6000	5.26	3.16	3.16
Bravo	pt											1.5000	6.35	9.52	9.52
Other labor	hour			1.00	Jun							10.0000	7.50	75.00	75.00
Trailer utility	10 ft	23	1.000	5.00	Jul	12.63	7.45	1.33	4.51	5.500	41.25				67.18
Harvest labor	hour			1.00	Jul							40.0000	7.50	300.00	300.00
Pickup truck	1/2 ton		1.000	5.00	Jul			41.00	43.80	5.000	37.50				122.30
Shredder 1R	5 ft	23	0.740	1.00	Jul	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Disk 2R	6 ft	43	0.570	1.00	Jul	2.26	1.66	0.70	0.96	0.627	4.70				10.29
TOTALS						54.78	33.30	55.09	65.79	27.781	208.36			667.76	1085.07
INTEREST ON OPERATING CAPITAL															12.27
TOTAL SPECIFIED COST															1097.34

Table 26.B Summary of estimated costs per acre, Watermelons, fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	85.25	1.0000	85.25	________
FUNGICIDES	acre	56.57	1.0000	56.57	________
HERBICIDES	acre	24.66	1.0000	24.66	________
HIRED LABOR	acre	165.00	1.0000	165.00	________
INSECTICIDES	acre	9.66	1.0000	9.66	________
SEED	acre	26.63	1.0000	26.63	________
HARVEST LABOR	acre	300.00	1.0000	300.00	________
OPERATOR LABOR	hour	7.50	27.7810	208.36	________
DIESEL FUEL	gal	1.34	3.7791	5.06	________
GASOLINE	gal	1.78	33.9700	60.47	________
REPAIR & MAINTENANCE	acre	44.33	1.0000	44.33	________
INTEREST ON OP. CAP.	acre	12.27	1.0000	12.27	________

TOTAL DIRECT EXPENSES				998.25	________
TOTAL FIXED EXPENSES				99.09	________

TOTAL SPECIFIED EXPENSES				1097.34	________

Table 26C. Effects of yields and prices on net returns per acre above total direct expenses, Watermelons, fresh market, one-row equipment, average yield, Louisiana, 2005.

Yield	Price Per Cwt				
(Cwt)	4.00	4.50	5.00	5.50	6.00
	Net Returns Per Acre				
160.00	-298.25	-218.25	-138.25	-58.25	21.75
180.00	-248.25	-158.25	-68.25	21.75	111.75
200.00	-198.25	-98.25	1.75	101.75	201.75
220.00	-148.25	-38.25	71.75	181.75	291.75
240.00	-98.25	21.75	141.75	261.75	381.75

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, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jan	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	2.00	Mar	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	1.49	0.88	0.83	1.14	0.649	4.87				9.20
Treflan	pt											1.2500	3.19	3.99	3.99
Dual	pt											1.5000	13.49	20.24	20.24
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											400.0000	0.11	45.20	45.20
Hipper 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Planter 1R	3 ft	23	1.500	1.00	Apr	3.79	2.24	0.35	0.54	1.650	12.38				19.29
Butter bean seed	lbs											60.0000	1.50	90.00	90.00
Cultivator 1R	3 ft	23	1.530	1.00	May	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Basagran	pt											1.0000	8.00	8.00	8.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Bravo	pt											1.5000	6.35	9.52	9.52
Orthene	lbs											0.5000	11.90	5.95	5.95
Cultivator 1R	3 ft	23	1.530	1.00	May	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											1.0000	5.26	5.26	5.26
Topsin M	lb											1.0000	16.60	16.60	16.60
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											1.0000	5.26	5.26	5.26
Topsin M	lb											1.0000	16.60	16.60	16.60
Harvester, bean 1R	3 ft	68	1.000	1.00	Jul	6.27	4.57	8.03	11.93	1.100	8.25				39.05
Harvest sacks	each											30.0000	0.75	22.50	22.50
Other labor	hour											1.0000	7.50	7.50	7.50
Trailer utility	10 ft	23	1.000	1.00	Jul	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Sheller, bean/pea	acre							4.88	7.55	6.500	48.75	1.0000			61.18
Other labor	hour											12.0000	7.50	90.00	90.00
plastic bag, sealing	each											50.0000	0.10	5.00	5.00
Pickup truck	1/2 ton		1.000	5.00	Jul			41.00	43.80	5.000	37.50				122.30
Disk 2R	6 ft	43	0.570	2.00	Jul	4.52	3.32	1.40	1.92	1.254	9.40				20.57
TOTALS						45.28	29.23	66.14	80.01	27.802	208.52			390.40	819.57
INTEREST ON OPERATING CAPITAL															23.11
TOTAL SPECIFIED COST															842.68

Table 27.B Summary of estimated costs per acre, Beans (Butter), shelled fresh market, one-row equipment, average yield, machine harvest, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	61.70	1.0000	61.70	__________
FUNGICIDES	acre	42.73	1.0000	42.73	__________
HERBICIDES	acre	42.60	1.0000	42.60	__________
HIRED LABOR	acre	97.50	1.0000	97.50	__________
INSECTICIDES	acre	28.37	1.0000	28.37	__________
PACK & HARVEST ITEMS	acre	27.50	1.0000	27.50	__________
SEED	acre	90.00	1.0000	90.00	__________
OPERATOR LABOR	hour	7.50	21.3020	159.77	__________
HAND LABOR	hour	7.50	6.5000	48.75	__________
DIESEL FUEL	gal	1.34	9.7985	13.13	__________
ELECTRICITY	kWh	0.10	12.7500	1.28	__________
GASOLINE	gal	1.78	24.8961	44.32	__________
REPAIR & MAINTENANCE	acre	52.70	1.0000	52.70	__________
INTEREST ON OP. CAP.	acre	23.11	1.0000	23.11	__________

TOTAL DIRECT EXPENSES				733.44	__________
TOTAL FIXED EXPENSES				109.24	__________

TOTAL SPECIFIED EXPENSES				842.68	__________

Table 27C. Effects of yields and prices on net returns per acre above total direct expenses, Beans (Butter), fresh market, one-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

Yield	Price Per Bushel				
(Bushels)	17.00	18.50	20.00	21.50	23.00
	Net Returns Per Acre				
20.00	-381.14	-351.14	-321.14	-291.14	-261.14
35.00	-132.29	-79.79	-27.29	25.21	77.71
50.00	116.56	191.56	266.56	341.56	416.56
65.00	365.41	462.91	560.41	657.91	755.41
80.00	614.26	734.26	854.26	974.26	1094.26

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, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Feb	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	2.00	Mar	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Treflan	pt											1.2500	3.19	3.99	3.99
Dual	pt											1.5000	13.49	20.24	20.24
Disk 2R	6 ft	43	0.570	1.00	Mar	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											400.0000	0.11	45.20	45.20
Hipper 1R	3 ft	23	1.530	2.00	Mar	7.73	4.56	1.35	1.84	3.366	25.25				40.72
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Planter 1R	3 ft	23	1.500	1.00	Mar	3.79	2.24	0.35	0.54	1.650	12.38				19.29
Snap bean seeds	lbs											60.0000	1.50	90.00	90.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Orthene	lbs											0.5000	11.90	5.95	5.95
Bravo	pt											1.5000	6.35	9.52	9.52
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Basagran	pt											1.0000	8.00	8.00	8.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Diazinon	pt											0.5000	3.80	1.90	1.90
Topsin M	lb											1.0000	16.60	16.60	16.60
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											1.0000	5.26	5.26	5.26
Topsin M	lb											1.0000	16.60	16.60	16.60
Harvester, bean 1R	3 ft	68	1.000	1.00	Jun	6.27	4.57	8.03	11.93	1.100	8.25				39.05
Packing sacks	each											50.0000	0.75	37.50	37.50
Trailer utility	10 ft	23	1.000	1.00	Jun	2.53	1.49	0.27	0.90	1.100	8.25				13.44
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			41.00	43.80	5.000	37.50				122.30
Fork lift			1.000	1.00	Jun			4.10	4.30	1.000	7.50				15.90
Disk 2R	6 ft	43	0.570	1.00	Jun	2.26	1.66	0.70	0.96	0.627	4.70				10.29
TOTALS						43.79	28.35	65.38	83.47	21.653	162.40			687.34	1070.72
INTEREST ON OPERATING CAPITAL															9.16
TOTAL SPECIFIED COST															1079.87

Table 28.B Summary of estimated costs per acre, Beans (Snap), fresh market, one-row equipment, average yield, machine harvest, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	61.70	1.0000	61.70	________
FUNGICIDES	acre	42.73	1.0000	42.73	________
HERBICIDES	acre	42.60	1.0000	42.60	________
INSECTICIDES	acre	19.06	1.0000	19.06	________
PACK & HARVEST ITEMS	acre	318.75	1.0000	318.75	________
SEED	acre	90.00	1.0000	90.00	________
HARVEST LABOR	acre	112.50	1.0000	112.50	________
OPERATOR LABOR	hour	7.50	21.6530	162.40	________
DIESEL FUEL	gal	1.34	9.7985	13.13	________
ELECTRICITY	kWh	0.10	1.1500	0.12	________
GASOLINE	gal	1.78	25.7294	45.80	________
REPAIR & MAINTENANCE	acre	50.13	1.0000	50.13	________
INTEREST ON OP. CAP.	acre	9.16	1.0000	9.16	________

TOTAL DIRECT EXPENSES				968.06	________
TOTAL FIXED EXPENSES				111.81	________

TOTAL SPECIFIED EXPENSES				1079.87	________

Table 28C. Effects of yields and prices on net returns per acre above total direct expenses, Beans (Snap), fresh market, one-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

Yield	Price Per Bushel				
(Bushels)	9.00	10.50	12.00	13.50	15.00
	Net Returns Per Acre				
70.00	-312.20	-207.20	-102.20	2.80	107.80
85.00	-190.13	-62.63	64.87	192.37	319.87
100.00	-68.06	81.94	231.94	381.94	531.94
115.00	54.01	226.51	399.01	571.51	744.01
130.00	176.08	371.08	566.08	761.08	956.08

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, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Disk 6R	20 ft	143	0.100	2.00	Jul	2.82	2.46	1.54	2.10	0.220	1.65				10.57
Disk & herb appl 6R	20 ft	143	0.100	1.00	Aug	1.41	1.23	0.82	1.12	0.110	0.83				5.41
Treflan	pt											1.0000	3.19	3.19	3.19
Fertilizer buggy	30 ft	93	0.060	1.00	Aug	0.20	0.55		0.31	0.066	0.50				1.56
7-21-21	lb											700.0000	0.12	84.00	84.00
Hipper 6R	20 ft	143	0.090	2.00	Aug	2.54	2.21	0.57	0.78	0.198	1.49				7.58
Planter, precision2R	4 unit	68	0.600	1.00	Aug	3.76	2.74	3.06	4.33	0.660	4.95				18.84
Cabbage seed	lbs											0.7500	272.00	204.00	204.00
Irrig. Sys. 2 pipe	acin			1.00	Aug			4.96	27.70	0.740	5.55	2.0000			38.21
Other labor	hour			1.00	Aug							4.0000	7.50	30.00	30.00
Fertilizer applicatr	20 ft	93	0.090	1.00	Sep	0.31	0.82	0.24	0.32	0.099	0.74				2.43
Ammonium Nitrate 33%	lb											150.0000	0.15	22.50	22.50
Cultivator 6R	20 ft	143	0.100	1.00	Sep	1.41	1.23	0.29	0.39	0.110	0.83				4.15
Irrig. Sys. 2 pipe	acin			1.00	Sep			4.96		0.740	5.55	2.0000			10.51
Sprayer, boom	20 ft	93	0.120	1.00	Sep	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Fertilizer applicatr	20 ft	93	0.090	1.00	Sep	0.31	0.82	0.24	0.32	0.099	0.74				2.43
Ammonium Nitrate 33%	lb											150.0000	0.15	22.50	22.50
Cultivator 6R	20 ft	143	0.100	1.00	Sep	1.41	1.23	0.29	0.39	0.110	0.83				4.15
Irrig. Sys. 2 pipe	acin			1.00	Sep			4.96		0.740	5.55	2.0000			10.51
Sprayer, boom	20 ft	93	0.120	1.00	Sep	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Confirm	lb											0.5000	21.76	10.88	10.88
Dipel	pt											1.0000	6.27	6.27	6.27
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	20 ft	93	0.120	1.00	Oct	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Confirm	lb											0.5000	21.76	10.88	10.88
Dipel	pt											1.0000	6.27	6.27	6.27
Penncap M	pt											1.0000	3.47	3.47	3.47
Buffer	pt											1.0000	2.00	2.00	2.00
Fertilizer applicatr	20 ft	93	0.090	1.00	Oct	0.31	0.82	0.24	0.32	0.099	0.74				2.43
Ammonium Nitrate 33%	lb											150.0000	0.15	22.50	22.50
Cultivator 6R	20 ft	143	0.100	1.00	Oct	1.41	1.23	0.29	0.39	0.110	0.83				4.15
Irrig. Sys. 2 pipe	acin			1.00	Oct			4.96		0.740	5.55	2.0000			10.51
Sprayer, boom	20 ft	93	0.120	2.00	Oct	2.36	2.19	0.53	0.55	0.264	1.98				7.61
Confirm	lb											1.0000	21.76	21.76	21.76
Dipel	pt											2.0000	6.27	12.54	12.54
Bravo	pt											1.5000	6.35	9.52	9.52
Buffer	pt											2.0000	2.00	4.00	4.00
Irrig. Sys. 2 pipe	acin			1.00	Oct			4.96		0.740	5.55	2.0000			10.51
Sprayer, boom	20 ft	93	0.120	1.00	Nov	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Confirm	lb											0.5000	21.76	10.88	10.88
Dipel	pt											1.0000	6.27	6.27	6.27
Bravo	pt											0.7500	6.35	4.76	4.76
Buffer	pt											1.0000	2.00	2.00	2.00
Irrig. Sys. 2 pipe	acin			1.00	Nov			4.96		0.740	5.55	2.0000			10.51
Sprayer, boom	20 ft	93	0.120	1.00	Nov	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Ambush	pt											0.2500	14.00	3.50	3.50
Dipel	pt											1.0000	6.27	6.27	6.27
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Nov	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Harvest labor	hour											12.0000	7.50	90.00	90.00
Packing sacks	each											700.0000	0.75	525.00	525.00
Packing labor	hour											8.0000	7.50	60.00	60.00
Trailer utility	10 ft	23	1.000	2.00	Dec	5.05	2.98	0.53	1.81	2.200	16.50				26.87
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	1.41	1.23	0.77	1.05	0.110	0.83				5.29
TOTALS						33.12	28.71	40.74	44.18	10.655	79.91			1581.85	1808.52
INTEREST ON OPERATING CAPITAL															20.55
TOTAL SPECIFIED COST															1829.07

Table 29.B Summary of estimated costs per acre, Cabbage, hybrid, double drilled seedbed, irrigated, fresh market, six-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	151.50	1.0000	151.50	________
FUNGICIDES	acre	14.29	1.0000	14.29	________
HERBICIDES	acre	13.57	1.0000	13.57	________
HIRED LABOR	acre	30.00	1.0000	30.00	________
INSECTICIDES	acre	110.99	1.0000	110.99	________
PACK & HARVEST ITEMS	acre	525.00	1.0000	525.00	________
SEED	acre	204.00	1.0000	204.00	________
HARVEST LABOR	acre	532.50	1.0000	532.50	________
OPERATOR LABOR	hour	7.50	6.2150	46.61	________
IRRIGATION LABOR	hour	7.50	4.4400	33.30	________
DIESEL FUEL	gal	1.34	29.5204	39.56	________
GASOLINE	gal	1.78	3.3900	6.03	________
REPAIR & MAINTENANCE	acre	28.27	1.0000	28.27	________
INTEREST ON OP. CAP.	acre	20.55	1.0000	20.55	________

TOTAL DIRECT EXPENSES				1756.18	________
TOTAL FIXED EXPENSES				72.90	________

TOTAL SPECIFIED EXPENSES				1829.07	________

Table 29C. Effects of yields and prices on net returns per acre above total direct expenses, Cabbage, hybrid, direct seeded, fresh market, double drilled, irrigated, six-row equipment, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

Yield	--------------------Price Per Sack----------------------				
(Sacks)	1.75	2.50	3.25	4.00	4.75
	------------------Net Returns Per Acre------------------				
500.00	-528.18	-153.18	221.82	596.82	971.82
600.00	-529.68	-79.68	370.32	820.32	1270.32
700.00	-531.18	-6.18	518.82	1043.82	1568.82
800.00	-532.68	67.32	667.32	1267.32	1867.32
900.00	-534.18	140.82	815.82	1490.82	2165.82

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, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	3.00	Feb	6.78	4.98	2.11	2.88	1.881	14.11				30.86
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Feb	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											600.0000	0.11	67.80	67.80
Hipper 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Planter 1R	3 ft	23	1.500	1.00	Mar	3.79	2.24	0.35	0.54	1.650	12.38				19.29
Cucumber seed	lbs											1.0000	93.16	93.16	93.16
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Curbit	pt											3.5000	4.76	16.66	16.66
Irrig. Sys. 2 pipe	acin			1.00	Mar			4.96	27.70	0.740	5.55	2.0000			38.21
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											150.0000	0.15	22.50	22.50
Sprayer, boom	12 ft	23	0.190	2.00	Apr	0.96	0.57	0.52	0.54	0.418	3.14				5.73
Ambush	pt											1.0000	14.00	14.00	14.00
Buffer	pt											2.0000	2.00	4.00	4.00
Topsin M	lb											1.0000	16.60	16.60	16.60
Trailer utility	10 ft	23	1.000	1.00	Apr	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Stake replacement	100											10.0000	10.50	105.00	105.00
Twine, poly	roll											3.0000	4.50	13.50	13.50
Other labor	hour											30.0000	7.50	225.00	225.00
Plant tie machine	hour			1.00	Apr				1.00			10.0000			1.00
Tape	roll											3.0000	0.80	2.40	2.40
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.5000	14.00	7.00	7.00
Bravo	pt											1.5000	6.35	9.52	9.52
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	1.35	1.84	1.683	12.62				21.95
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.5000	14.00	7.00	7.00
Bravo	pt											1.5000	6.35	9.52	9.52
Topsin M	lb											0.5000	16.60	8.30	8.30
Buffer	pt											1.0000	2.00	2.00	2.00
Twine, poly	roll			1.00	Apr							3.0000	4.50	13.50	13.50
Other labor	hour											10.0000	7.50	75.00	75.00
Plant tie machine	hour			1.00	Apr				1.00			10.0000			1.00
Other labor	hour											10.0000	7.50	75.00	75.00
Tape	roll											3.0000	0.80	2.40	2.40
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Quadris	pt											0.7000	33.60	23.52	23.52
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Twine, poly	roll			1.00	May							10.0000	4.50	45.00	45.00
Other labor	hour											3.0000	7.50	22.50	22.50
Plant tie machine	hour			1.00	May				0.60			6.0000			0.60
Other labor	hour											6.0000	7.50	45.00	45.00
Tape	roll											2.0000	0.80	1.60	1.60
Irrig. Sys. 2 pipe	acin			1.00	May			4.96		0.740	5.55	2.0000			10.51
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											0.6000	5.26	3.16	3.16
Bravo	pt											1.5000	6.35	9.52	9.52
Topsin M	lb											0.5000	16.60	8.30	8.30
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Quadris	pt											0.7000	33.60	23.52	23.52
Irrig. Sys. 2 pipe	acin			1.00	May			4.96		0.740	5.55	2.0000			10.51
Sprayer, boom	12 ft	23	0.190	2.00	Jun	0.96	0.57	0.52	0.54	0.418	3.14				5.73
Sevin	lbs											1.2000	5.26	6.31	6.31
Bravo	pt											3.0000	6.35	19.05	19.05
Topsin M	lb											1.0000	16.60	16.60	16.60
Buffer	pt											2.0000	2.00	4.00	4.00
Irrig. Sys. 2 pipe	acin			1.00	Jun			4.96		0.740	5.55	2.0000			10.51
Trailer utility	10 ft	23	1.000	1.00	Jun	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Harvest labor	hour											55.0000	7.50	412.50	412.50
Packing boxes	each											190.0000	1.25	237.50	237.50
Harvest container	each											8.0000	1.00	8.00	8.00
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											0.6000	5.26	3.16	3.16
Bravo	pt											1.5000	6.35	9.52	9.52
Topsin M	lb											0.5000	16.60	8.30	8.30
Irrig. Sys. 2 pipe	acin			1.00	Jul			4.96		0.740	5.55	2.0000			10.51
Trailer utility	10 ft	23	1.000	1.00	Jul	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Harvest labor	hour											55.0000	7.50	412.50	412.50
Packing boxes	each											190.0000	1.25	237.50	237.50
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	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Other labor	hour											15.0000	7.50	112.50	112.50
Disk 2R	6 ft	43	0.570	2.00	Jul	4.52	3.32	1.40	1.92	1.254	9.40				20.57
TOTALS						46.67	29.17	43.51	64.09	22.235	166.76			2912.81	3263.02
INTEREST ON OPERATING CAPITAL															38.35
TOTAL SPECIFIED COST															3301.37

Table 30.B Summary of estimated costs per acre, Cucumber, hybrid,

trellis, skip row, fresh market, one-row equipment, irrigated, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	106.80	1.0000	106.80	__________
FUNGICIDES	acre	162.29	1.0000	162.29	__________
HERBICIDES	acre	27.04	1.0000	27.04	__________
HIRED LABOR	acre	735.00	1.0000	735.00	__________
INSECTICIDES	acre	54.62	1.0000	54.62	__________
PACK & HARVEST ITEMS	acre	483.00	1.0000	483.00	__________
SEED	acre	93.16	1.0000	93.16	__________
STAKES & TWINE	acre	190.50	1.0000	190.50	__________
CUSTOM	acre	10.40	1.0000	10.40	__________
HARVEST LABOR	acre	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	1.34	20.3985	27.33	__________
ELECTRICITY	kWh	0.10	10.5000	1.05	__________
GASOLINE	gal	1.78	15.8200	28.16	__________
REPAIR & MAINTENANCE	acre	33.64	1.0000	33.64	__________
INTEREST ON OP. CAP.	acre	38.35	1.0000	38.35	__________

TOTAL DIRECT EXPENSES				3208.11	__________
TOTAL FIXED EXPENSES				93.26	__________

TOTAL SPECIFIED EXPENSES				3301.37	__________

Table 30C. Effects of yields and prices on net returns per acre above total direct expenses, Cucumber, trellis, hybrid, skip row, fresh market, one-row equipment, irrigated, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

Yield	--------------------Price Per Bushel----------------------				
(Bushels)	4.25	5.75	7.25	8.75	10.25
	------------------Net Returns Per Acre-------------------				
280.00	-1783.61	-1363.61	-943.61	-523.61	-103.61
330.00	-1688.36	-1193.36	-698.36	-203.36	291.64
380.00	-1593.11	-1023.11	-453.11	116.89	686.89
430.00	-1497.86	-852.86	-207.86	437.14	1082.14
480.00	-1402.61	-682.61	37.39	757.39	1477.39

Table 31.A Estimated resource use and costs per acre for field operations, Eggplant, bare soil, trellis, one-row equipment, 60" skip rows, 2500 plants/acre, fresh market, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jan	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	2.00	Feb	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Hipper 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	3.92	2.31	1.82	2.49	1.705	12.79				23.32
13-13-13	lb											700.0000	0.18	128.10	128.10
Disk & herb appl 6R	20 ft	143	0.100	1.00	Mar	1.41	1.23	0.82	1.12	0.110	0.83				5.41
Devrinol	lb											3.0000	8.39	25.17	25.17
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	1.89	1.12	0.63	0.99	0.825	6.19				10.81
Trailer utility	10 ft	23	1.000	1.00	Mar	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Eggplant plants	100											25.0000	5.00	125.00	125.00
Planting labor	hour											30.0000	7.50	225.00	225.00
Trailer, water	10 ft	43	1.000	1.00	Mar	3.97	2.91	0.63	2.44	1.100	8.25				18.20
Cultivator 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Cultivator 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Trailer utility	10 ft	23	1.000	1.00	Apr	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Stake replacement	100											12.0000	10.50	126.00	126.00
Other labor	hour											15.0000	7.50	112.50	112.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Malathion	pt											1.0000	2.95	2.95	2.95
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											150.0000	0.15	22.50	22.50
Trailer utility	10 ft	23	1.000	1.00	Apr	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Twine	roll											1.0000	25.00	25.00	25.00
Other labor	hour											10.0000	7.50	75.00	75.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.8000	14.00	11.20	11.20
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Apr	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	7.50	75.00	75.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											75.0000	0.15	11.25	11.25
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Vendex	lb											3.0000	23.00	69.00	69.00
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Jun	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Harvest labor	hour											40.0000	7.50	300.00	300.00
Harvest container	each											8.0000	1.00	8.00	8.00
Packing labor	hour											20.0000	7.50	150.00	150.00
Other labor	hour											1.5000	7.50	11.25	11.25
Packing boxes	each											200.0000	1.25	250.00	250.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											75.0000	0.15	11.25	11.25
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Pravado	pt											0.2300	58.40	13.43	13.43
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Pravado	pt											0.2300	58.40	13.43	13.43
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Jul	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Harvest labor	hour											50.0000	7.50	375.00	375.00
Packing labor	hour											20.0000	7.50	150.00	150.00
Other labor	hour											1.5000	7.50	11.25	11.25
Packing boxes	each											200.0000	1.25	250.00	250.00
Trailer utility	10 ft	23	1.000	1.00	Aug	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Other labor	hour											8.0000	7.50	60.00	60.00
Pickup truck	1/2 ton		1.000	1.00	Aug			8.20	8.76	1.000	7.50				24.46
Shredder 1R	5 ft	23	0.740	1.00	Aug	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Disk 2R	6 ft	43	0.570	2.00	Aug	4.52	3.32	1.40	1.92	1.254	9.40				20.57
TOTALS						69.75	43.76	28.35	41.66	28.456	213.42			2724.16	3121.10
INTEREST ON OPERATING CAPITAL															51.60
TOTAL SPECIFIED COST															3172.70

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, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	189.60	1.0000	189.60	__________
HERBICIDES	acre	35.55	1.0000	35.55	__________
HIRED LABOR	acre	570.00	1.0000	570.00	__________
INSECTICIDES	acre	120.01	1.0000	120.01	__________
PACK & HARVEST ITEMS	acre	508.00	1.0000	508.00	__________
STAKES & TWINE	acre	201.00	1.0000	201.00	__________
PLANTS	acre	125.00	1.0000	125.00	__________
HARVEST LABOR	acre	975.00	1.0000	975.00	__________
OPERATOR LABOR	hour	7.50	28.4560	213.42	__________
DIESEL FUEL	gal	1.34	9.2445	12.39	__________
GASOLINE	gal	1.78	26.2413	46.71	__________
REPAIR & MAINTENANCE	acre	39.00	1.0000	39.00	__________
INTEREST ON OP. CAP.	acre	51.60	1.0000	51.60	__________

TOTAL DIRECT EXPENSES				3087.28	__________
TOTAL FIXED EXPENSES				85.42	__________

TOTAL SPECIFIED EXPENSES				3172.70	__________

Table 31C. Effects of yields and prices on net returns per acre above total direct expenses, Eggplant, bare soil, trellis, one-row equipment, 60" skip rows, fresh market, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

Yield	Price Per Bushel				
(Bushels)	5.75	6.75	7.75	8.75	9.75
	Net Returns Per Acre				
340.00	-924.08	-584.08	-244.08	95.92	435.92
370.00	-855.68	-485.68	-115.68	254.32	624.32
400.00	-787.28	-387.28	12.72	412.72	812.72
430.00	-718.88	-288.88	141.12	571.12	1001.12
460.00	-650.48	-190.48	269.52	729.52	1189.52

Table 32.A Estimated resource use and costs per acre for field operations, Eggplant, plastic mulch, drip irrigation, trellis, fresh market, one-row equipment, 60" skip rows, Louisiana, 2005..

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Disk 2R	6 ft	43	0.570	1.00	Jan	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Lime (spread)	cwt											6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Feb	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Hipper 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	3.92	2.31	1.82	2.49	1.705	12.79				23.32
13-13-13	lb											700.0000	0.18	128.10	128.10
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Plastic layer	5 ft	23	1.500	1.00	Mar	3.79	2.24	2.16	4.33	4.650	34.88				47.39
Plastic	roll											3.0000	76.80	230.40	230.40
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	7.58	4.47	3.17	7.94	9.300	69.75				92.90
Eggplant plants	100											25.0000	5.00	125.00	125.00
Planting labor	hour											2.0000	7.50	15.00	15.00
Trailer, water	10 ft	43	1.000	1.00	Mar	3.97	2.91	0.63	2.44	1.100	8.25				18.20
Trailer utility	10 ft	23	1.000	1.00	Mar	2.53	1.49	0.27	0.90	1.100	8.25				13.44
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, water sol.	lb											50.0000	0.35	17.50	17.50
Trailer utility	10 ft	23	1.000	1.00	Apr	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Stake replacement	100											12.0000	10.50	126.00	126.00
Other labor	hour											15.0000	7.50	112.50	112.50
Irrigation, drip	acin			1.00	Apr			7.40		0.200	1.50	1.0000			8.90
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CANO3, water sol.	lb											50.0000	0.35	17.50	17.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Malathion	pt											1.0000	2.95	2.95	2.95
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	2.00	Apr	5.05	2.98	0.53	1.81	2.200	16.50				26.87
Twine	roll											3.0000	25.00	75.00	75.00
Other labor	hour											20.0000	7.50	150.00	150.00
Irrigation, drip	acin			1.00	Apr			7.40		0.200	1.50	1.0000			8.90
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CANO3, water sol.	lb											50.0000	0.35	17.50	17.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Gramoxone	pt											2.5000	5.40	13.50	13.50
Surfactant	pt											0.5000	2.00	1.00	1.00
Sprayer, boom	12 ft	23	0.190	2.00	May	0.96	0.57	0.52	0.54	0.418	3.14				5.73
Ambush	pt											1.6000	14.00	22.40	22.40
Buffer	pt											2.0000	2.00	4.00	4.00
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	6.50
CANO3, water sol.	lb											50.0000	0.35	17.50	17.50
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, water sol.	lb											50.0000	0.35	17.50	17.50
Sprayer, boom	12 ft	23	0.190	2.00	May	0.96	0.57	0.52	0.54	0.418	3.14				5.73
Pravado	pt											0.4600	58.40	26.86	26.86
Trailer utility	10 ft	23	1.000	1.00	Jun	2.53	1.49	0.27	0.90	1.100	8.25				13.44
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	Jun			14.80		0.400	3.00	2.0000			17.80
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CANO3, water sol.	lb											50.0000	0.35	17.50	17.50
Trailer utility	10 ft	23	1.000	1.00	Jun	2.53	1.49	0.27	0.90	1.100	8.25				13.44
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	1.25	375.00	375.00
Sprayer, boom	12 ft	23	0.190	2.00	Jun	0.96	0.57	0.52	0.54	0.418	3.14				5.73
Pravado	pt											0.4600	58.40	26.86	26.86
Irrigation, drip	acin			1.00	Jun			7.40		0.200	1.50	1.0000			8.90
Water (from hydrant)	acin											1.0000	3.25	3.25	3.25
CANO3, water sol.	lb											50.0000	0.35	17.50	17.50
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Vendex	lb											3.0000	23.00	69.00	69.00
Irrigation, drip	acin			1.00	Jul			14.80		0.400	3.00	2.0000			17.80
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
Trailer utility	10 ft	23	1.000	1.00	Jul	2.53	1.49	0.27	0.90	1.100	8.25				13.44
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	1.25	375.00	375.00
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Other labor	hour			1.00	Aug							2.5000	7.50	18.75	18.75
Shredder 1R	5 ft	23	0.740	1.00	Aug	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Trailer utility	10 ft	23	1.000	1.00	Aug	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Other labor	hour											8.0000	7.50	60.00	60.00
Coulter	1 row	23	1.500	1.00	Sep	3.79	2.24	0.64	0.90	1.650	12.38				19.94
Other labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	1/2 ton		1.000	1.00	Sep			8.20	8.76	1.000	7.50				24.46
Disk 2R	6 ft	43	0.570	2.00	Sep	4.52	3.32	1.40	1.92	1.254	9.40				20.57
TOTALS						66.12	41.22	107.57	103.76	38.578	289.33			3658.58	4266.58
INTEREST ON OPERATING CAPITAL															90.08
TOTAL SPECIFIED COST															4356.66

Table 32.B Summary of estimated costs per acre, Eggplant, plastic mulch, drip irrigation, trellis, fresh market, one-row equipment, 60" skip rows, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	267.10	1.0000	267.10	__________
HERBICIDES	acre	14.50	1.0000	14.50	__________
HIRED LABOR	acre	618.75	1.0000	618.75	__________
INSECTICIDES	acre	154.08	1.0000	154.08	__________
PACK & HARVEST ITEMS	acre	750.00	1.0000	750.00	__________
STAKES & TWINE	acre	251.00	1.0000	251.00	__________
PLASTIC	acre	542.40	1.0000	542.40	__________
PLANTS	acre	125.00	1.0000	125.00	__________
CUSTOM	acre	35.75	1.0000	35.75	__________
HARVEST LABOR	acre	900.00	1.0000	900.00	__________
OPERATOR LABOR	hour	7.50	30.3780	227.84	__________
HAND LABOR	hour	7.50	6.0000	45.00	__________
IRRIGATION LABOR	hour	7.50	2.2000	16.50	__________
DIESEL FUEL	gal	1.34	8.5085	11.40	__________
ELECTRICITY	kWh	0.10	568.7000	56.87	__________
GASOLINE	gal	1.78	25.2469	44.94	__________
REPAIR & MAINTENANCE	acre	60.48	1.0000	60.48	__________
INTEREST ON OP. CAP.	acre	90.08	1.0000	90.08	__________

TOTAL DIRECT EXPENSES				4211.68	__________
TOTAL FIXED EXPENSES				144.98	__________

TOTAL SPECIFIED EXPENSES				4356.66	__________

Table 32C. Effects of yields and prices on net returns per acre above total direct expenses, Eggplant, plastic mulch, irrigation, high yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

Yield (Bushels)	Price Per Bushel 5.75	6.75	7.75	8.75	9.75
	Net Returns Per Acre				
520.00	-944.08	-424.08	95.92	615.92	1135.92
560.00	-852.88	-292.88	267.12	827.12	1387.12
600.00	-761.68	-161.68	438.32	1038.32	1638.32
640.00	-670.48	-30.48	609.52	1249.52	1889.52
680.00	-579.28	100.72	780.72	1460.72	2140.72

Table 33.A Estimated resource use and costs per acre for field operations, Peas (Southern), fresh market, one-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Feb							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	2.00	Feb	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Disk 2R	6 ft	43	0.570	1.00	Mar	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											300.0000	0.11	33.90	33.90
Hipper 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Planter 1R	3 ft	23	1.500	1.00	Apr	3.79	2.24	0.35	0.54	1.650	12.38				19.29
Southern pea seed	lbs											45.0000	1.81	81.45	81.45
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Dual	pt											1.5000	13.49	20.24	20.24
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Thiodan	lb											1.0000	6.50	6.50	6.50
Cultivator 1R	3 ft	23	1.530	1.00	May	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Pursuit	oz											2.0000	14.00	28.00	28.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											1.2500	5.26	6.57	6.57
Cultivator 1R	3 ft	23	1.530	1.00	Jun	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Thiodan	lb											1.0000	6.50	6.50	6.50
Harvester, bean 1R	3 ft	68	1.000	1.00	Jul	6.27	4.57	8.03	11.93	1.100	8.25				39.05
Packing sacks	each											25.0000	0.75	18.75	18.75
Trailer utility	10 ft	23	1.000	1.00	Jul	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Sheller, bean/pea	acre			1.00	Jul			4.88	7.55	6.500	48.75	1.0000			61.18
Packing labor	hour											12.0000	7.50	90.00	90.00
plastic bag, sealing	each											75.0000	0.10	7.50	7.50
Pickup truck	1/2 ton		1.000	3.00	Jul			24.60	26.28	3.000	22.50				73.38
Disk 2R	6 ft	43	0.570	1.00	Jul	2.26	1.66	0.70	0.96	0.627	4.70				10.29
TOTALS						40.57	26.12	47.69	59.85	24.108	180.81			315.91	670.95
INTEREST ON OPERATING CAPITAL															18.78
TOTAL SPECIFIED COST															689.73

Table 33.B Summary of estimated costs per acre, Peas (southern), fresh market, one-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	50.40	1.0000	50.40	__________
HERBICIDES	acre	48.24	1.0000	48.24	__________
INSECTICIDES	acre	19.58	1.0000	19.58	__________
PACK & HARVEST ITEMS	acre	26.25	1.0000	26.25	__________
SEED	acre	81.45	1.0000	81.45	__________
HARVEST LABOR	acre	90.00	1.0000	90.00	__________
OPERATOR LABOR	hour	7.50	17.6080	132.06	__________
HAND LABOR	hour	7.50	6.5000	48.75	__________
DIESEL FUEL	gal	1.34	8.5388	11.44	__________
ELECTRICITY	kWh	0.10	12.7500	1.28	__________
GASOLINE	gal	1.78	18.8000	33.46	__________
REPAIR & MAINTENANCE	acre	42.08	1.0000	42.08	__________
INTEREST ON OP. CAP.	acre	18.78	1.0000	18.78	__________

TOTAL DIRECT EXPENSES				603.75	__________
TOTAL FIXED EXPENSES				85.97	__________

TOTAL SPECIFIED EXPENSES				689.73	__________

Table 33C. Effects of yields and prices on net returns per acre above total direct expenses, Peas (Southern), fresh market, one-row equipment, machine harvest, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

Yield	--------------------Price Per Bushel----------------------				
(Bushels)	14.00	16.00	18.00	20.00	22.00
	-------------------Net Returns Per Acre-------------------				
45.00	44.55	134.55	224.55	314.55	404.55
60.00	245.40	365.40	485.40	605.40	725.40
75.00	446.25	596.25	746.25	896.25	1046.25
90.00	647.10	827.10	1007.10	1187.10	1367.10
105.00	847.95	1057.95	1267.95	1477.95	1687.95

Table 34.A Estimated resource use and costs per acre for field operations, Pepper (Bell), double row, drip irrigated, wholesale market, four-row equipment, plastic mulch, high yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Sep							6.6000	2.50	16.50	16.50
Disk 4R	13.3 ft	68	0.150	1.00	Sep	0.94	0.69	0.56	0.77	0.165	1.24				4.19
Disk 4R	13.3 ft	68	0.150	1.00	Oct	0.94	0.69	0.56	0.77	0.165	1.24				4.19
Fertilizer buggy	30 ft	93	0.060	1.00	Oct	0.20	0.55		0.31	0.066	0.50				1.56
13-13-13	lb											900.0000	0.18	164.70	164.70
Hipper 4R	13.3 ft	68	0.160	2.00	Oct	2.01	1.46	0.63	0.87	0.352	2.64				7.61
Conditioner, row 1R	6 ft	23	0.410	1.00	Oct	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Plastic & fumigation	5 ft	23	1.500	1.00	Oct	3.79	2.24	2.39	4.78	4.650	34.88				48.06
Plastic	roll											5.0000	76.80	384.00	384.00
Methyl bromide	lbs											200.0000	2.60	520.00	520.00
Other labor	hour											13.0000	7.50	97.50	97.50
T-tape, drip irrig.	roll											3.0000	111.00	333.00	333.00
Hose, lay flat	roll											1.0000	90.00	90.00	90.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Gramoxone	pt											2.0000	5.40	10.80	10.80
Surfactant	pt											1.0000	2.00	2.00	2.00
Hole puncher 4R	4 row	68	0.330	1.00	Mar			0.79	1.59						2.38
Trailer utility	10 ft	23	1.000	1.00	Mar	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Pepper plants	100											160.0000	8.10	1296.00	1296.00
Contract planting,	2 1000											16.0000	12.50	200.00	200.00
Irrigate/fert, drip	acin			2.00	Mar			22.48	60.00			2.0000			82.48
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CANO3, water sol.	lb											50.0000	0.35	17.50	17.50
Other labor	hour			1.00	Mar							5.0000	7.50	37.50	37.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Orthene	lbs											0.6700	11.90	7.97	7.97
Kocide	lb											2.0000	3.00	6.00	6.00
Manzate	lb											1.0000	3.20	3.20	3.20
Irrigate/fert, drip	acin			2.00	Apr			22.48				2.0000			22.48
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CANO3, water sol.	lb											50.0000	0.35	17.50	17.50
Trailer utility	10 ft	23	1.000	1.00	Apr	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Stake replacement	100											12.0000	10.50	126.00	126.00
Other labor	hour											15.0000	7.50	112.50	112.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Manzate	lb											1.0000	3.20	3.20	3.20
Kocide	lb											2.0000	3.00	6.00	6.00
Irrigate/fert, drip	acin			2.00	Apr			22.48				2.0000			22.48
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CANO3, water sol.	lb											50.0000	0.35	17.50	17.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Manzate	lb											1.0000	3.20	3.20	3.20
Kocide	lb											2.0000	3.00	6.00	6.00
Cultivate & Herb 2R	6 ft	43	0.690	1.00	May	2.74	2.01	1.21	1.66	0.759	5.69				13.31
Gramoxone	pt											1.5000	5.40	8.10	8.10
Surfactant	pt											0.3000	2.00	0.60	0.60
Irrigate/fert, drip	acin			2.00	May			22.48				2.0000			22.48
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CANO3, water sol.	lb											50.0000	0.35	17.50	17.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ridomil Gold	pt											1.0000	88.00	88.00	88.00
Trailer utility	10 ft	23	1.000	1.00	May	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Twine	roll											1.0000	25.00	25.00	25.00
Other labor	hour											8.0000	7.50	60.00	60.00
Stake replacement	100			1.00	May							1.0000	10.50	10.50	10.50
Other labor	hour											8.0000	7.50	60.00	60.00
Irrigate/fert, drip	acin			2.00	May			22.48				2.0000			22.48
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
CANO3, water sol.	lb											50.0000	0.35	17.50	17.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Lannate	pt											1.0000	6.96	6.96	6.96
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ambush	pt											0.5000	14.00	7.00	7.00
Other labor	hour			1.00	Jun							5.0000	7.50	37.50	37.50
Cultivator 4R	13.3 ft	68	0.140	1.00	Jun	0.88	0.64	0.28	0.38	0.154	1.16				3.33
Irrigation, furrow	acin			1.00	Jun			21.00	55.50	6.000	45.00	6.0000			121.50
Trailer utility	10 ft	23	1.000	1.00	Jun	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Harvest labor	bu											1600.0000	0.70	1120.00	1120.00
Harvest container	each											30.0000	1.00	30.00	30.00
Other labor	hour											25.0000	7.50	187.50	187.50
Vegetable bin	each											8.0000	50.00	400.00	400.00
Pack line/wet/large	acre			1.00	Jun			3.00	15.65			1.0000			18.65
Packing labor	hour											80.0000	7.50	600.00	600.00
Packing boxes	each											1600.0000	1.25	2000.00	2000.00
Fork lift			1.000	1.00	Jun			4.10	4.30	1.000	7.50				15.90
Pickup truck	1/2 ton		1.000	6.20	Jun			50.84	54.31	6.200	46.50				151.65
Shredder 2R	6.7 ft	43	0.390	1.00	Jul	1.55	1.14	0.31	0.78	0.429	3.22				6.99
Coulter	4 row	68	0.140	1.00	Jul	0.88	0.64	0.30	0.42	0.154	1.16				3.39
Other labor	hour											12.0000	7.50	90.00	90.00
Pickup truck	1/2 ton		1.000	1.00	Jul			8.20	8.76	1.000	7.50				24.46
Other labor	hour											1.0000	7.50	7.50	7.50
Disk 4R	13.3 ft	68	0.150	1.00	Jul	0.94	0.69	0.56	0.77	0.165	1.24				4.19
Cover crop	acre											1.0000	60.00	60.00	60.00
TOTALS						29.36	19.29	210.30	217.49	27.573	206.80			8344.73	9027.96
INTEREST ON OPERATING CAPITAL															168.15
TOTAL SPECIFIED COST															9196.11

Table 34.B Summary of estimated costs per acre, Pepper (Bell), double row, drip irrigated, wholesale four-row equipment, plastic mulch, high yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	268.70	1.0000	268.70	__________
FUNGICIDES	acre	115.60	1.0000	115.60	__________
HERBICIDES	acre	21.50	1.0000	21.50	__________
HIRED LABOR	acre	890.00	1.0000	890.00	__________
INSECTICIDES	acre	21.93	1.0000	21.93	__________
PACK & HARVEST ITEMS	acre	2430.00	1.0000	2430.00	__________
SEED	acre	60.00	1.0000	60.00	__________
STAKES & TWINE	acre	161.50	1.0000	161.50	__________
PLASTIC	acre	807.00	1.0000	807.00	__________
FUMIGANT	acre	520.00	1.0000	520.00	__________
PLANTS	acre	1296.00	1.0000	1296.00	__________
CUSTOM	acre	32.50	1.0000	32.50	__________
HARVEST LABOR	acre	1720.00	1.0000	1720.00	__________
OPERATOR LABOR	hour	7.50	21.5730	161.80	__________
IRRIGATION LABOR	hour	7.50	6.0000	45.00	__________
DIESEL FUEL	gal	1.34	6.0618	8.12	__________
ELECTRICITY	kWh	0.10	113.0000	11.30	__________
GASOLINE	gal	1.78	27.6812	49.27	__________
REPAIR & MAINTENANCE	acre	170.96	1.0000	170.96	__________
INTEREST ON OP. CAP.	acre	168.15	1.0000	168.15	__________

TOTAL DIRECT EXPENSES				8959.34	__________
TOTAL FIXED EXPENSES				236.78	__________

TOTAL SPECIFIED EXPENSES				9196.11	__________

Table 34.C Effects of yields and prices on net returns per acre above total direct expenses, Peppers (Bell), drip irrigated, fresh market, four-row equipment, high yield, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

Yield	--------------------Price Per Bushel----------------------				
(Bushels)	4.00	5.50	7.00	8.50	10.00
	------------------Net Returns Per Acre-------------------				
1200.00	-3391.34	-1591.34	208.66	2008.66	3808.66
1400.00	-2975.34	-875.34	1224.66	3324.66	5424.66
1600.00	-2559.34	-159.34	2240.66	4640.66	7040.66
1800.00	-2143.34	556.66	3256.66	5956.66	8656.66
2000.00	-1727.34	1272.66	4272.66	7272.66	10272.66

Table 35.A Estimated resource use and costs per acre for field operations, Pumpkins, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Jun							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jun	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	1.00	Jul	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk & herb appl 2R	6 ft	23	0.590	1.00	Jul	1.49	0.88	0.83	1.14	0.649	4.87				9.20
Command	qt											1.0000	20.65	20.65	20.65
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jul	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											500.0000	0.11	56.50	56.50
Hipper 1R	3 ft	23	1.530	1.00	Jul	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Conditioner, row 1R	6 ft	23	0.410	1.00	Jul	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Planter 1R	3 ft	23	1.500	1.00	Jul	3.79	2.24	0.35	0.54	1.650	12.38				19.29
Pumpkin seed	lbs											2.5000	32.25	80.63	80.63
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	0.06	0.04	0.06	0.08	0.028	0.21				0.44
Cultivator 1R	3 ft	23	1.530	1.00	Aug	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	1.00	Aug	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Thiodan	lb											0.5000	6.50	3.25	3.25
Cultivate & fert 1R	3 ft	23	1.610	1.00	Aug	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											100.0000	0.15	15.00	15.00
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	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Ditcher	1.5 ft	23	0.050	1.00	Aug	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											0.6000	5.26	3.16	3.16
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Ridomil + Bravo	lb											2.0000	17.75	35.50	35.50
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Poast	pt											1.0000	8.38	8.38	8.38
Crop oil	pt											2.0000	1.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	3.86	2.28	1.35	1.84	1.683	12.62				21.95
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											0.6000	5.26	3.16	3.16
Ridomil + Bravo	lb											2.0000	17.75	35.50	35.50
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											0.6000	5.26	3.16	3.16
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Topsin M	lb											0.5000	16.60	8.30	8.30
Ridomil + Bravo	lb											2.0000	17.75	35.50	35.50
Harvest labor	hour			1.00	Oct							30.0000	7.50	225.00	225.00
Trailer utility	10 ft	23	1.000	2.00	Oct	5.05	2.98	0.53	1.81	2.200	16.50				26.87
Pickup truck	1/2 ton		1.000	10.00	Oct			82.00	87.60	10.000	75.00				244.60
Shredder 2R	6.7 ft	43	0.390	1.00	Oct	1.55	1.14	0.31	0.78	0.429	3.22				6.99
Disk 2R	6 ft	43	0.570	1.00	Oct	2.26	1.66	0.70	0.96	0.627	4.70				10.29
TOTALS						46.69	28.75	124.70	164.08	37.014	277.60			552.17	1193.99
INTEREST ON OPERATING CAPITAL															10.02
TOTAL SPECIFIED COST															1204.01

Table 35.B Summary of estimated costs per acre, Pumpkins, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	88.00	1.0000	88.00	________
FUNGICIDES	acre	114.80	1.0000	114.80	________
HERBICIDES	acre	31.03	1.0000	31.03	________
INSECTICIDES	acre	12.72	1.0000	12.72	________
SEED	acre	80.63	1.0000	80.63	________
HARVEST LABOR	acre	225.00	1.0000	225.00	________
OPERATOR LABOR	hour	7.50	29.0135	217.60	________
IRRIGATION LABOR	hour	7.50	8.0000	60.00	________
DIESEL FUEL	gal	1.34	4.6410	6.22	________
ELECTRICITY	kWh	0.10	48.0000	4.80	________
GASOLINE	gal	1.78	42.1591	75.04	________
REPAIR & MAINTENANCE	acre	85.32	1.0000	85.32	________
INTEREST ON OP. CAP.	acre	10.02	1.0000	10.02	________

TOTAL DIRECT EXPENSES				1011.18	________
TOTAL FIXED EXPENSES				192.84	________

TOTAL SPECIFIED EXPENSES				1204.01	________

Table 35C. Effects of yields and prices on net returns per acre above total direct expenses, Pumpkins, irrigated, fresh, one-row equipment, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

Yield	Price Per Cwt				
(Cwt)	5.00	6.00	7.00	8.00	9.00
	Net Returns Per Acre				
110.00	-393.68	-283.68	-173.68	-63.68	46.32
140.00	-277.43	-137.43	2.57	142.57	282.57
170.00	-161.18	8.82	178.82	348.82	518.82
200.00	-44.93	155.07	355.07	555.07	755.07
230.00	71.32	301.32	531.32	761.32	991.32

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, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Jan							6.6000	2.50	16.50	16.50
Disk 2R	6 ft	43	0.570	1.00	Jan	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Disk 2R	6 ft	43	0.570	2.00	Feb	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Hipper 1R	3 ft	23	1.530	1.00	Feb	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	3.92	2.31	1.82	2.49	1.705	12.79				23.32
13-13-13	lb											700.0000	0.18	128.10	128.10
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sencor	pt											1.0000	2.25	2.25	2.25
Treflan	pt											1.0000	3.19	3.19	3.19
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.04	0.61	0.27	0.37	0.451	3.38				5.67
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	1.89	1.12	0.63	0.99	0.825	6.19				10.81
Trailer utility	10 ft	23	1.000	1.00	Mar	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Tomato plants	100											25.0000	7.60	190.00	190.00
Planting labor	hour											30.0000	7.50	225.00	225.00
Trailer, water	10 ft	43	1.000	1.00	Mar	3.97	2.91	0.63	2.44	1.100	8.25				18.20
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sencor	pt											1.0000	2.25	2.25	2.25
Trailer utility	10 ft	23	1.000	1.00	Mar	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Stake replacement	100											12.0000	10.50	126.00	126.00
Other labor	hour											15.0000	7.50	112.50	112.50
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Bravo	pt											2.0000	6.35	12.70	12.70
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Apr	2.53	1.49	0.27	0.90	1.100	8.25				13.44
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	0.96	0.57	0.52	0.54	0.418	3.14				5.73
Manzate	lb											4.0000	3.20	12.80	12.80
Kocide	lb											4.0000	3.00	12.00	12.00
Lannate	pt											6.0000	6.96	41.76	41.76
Buffer	pt											2.0000	2.00	4.00	4.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											150.0000	0.15	22.50	22.50
Trailer utility	10 ft	23	1.000	1.00	Apr	2.53	1.49	0.27	0.90	1.100	8.25				13.44
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	0.96	0.57	0.52	0.54	0.418	3.14				5.73
Bravo	pt											4.0000	6.35	25.40	25.40
Buffer	pt											2.0000	2.00	4.00	4.00
Ambush	pt											1.0000	14.00	14.00	14.00
Trailer utility	10 ft	23	1.000	1.00	May	2.53	1.49	0.27	0.90	1.100	8.25				13.44
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	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Manzate	lb											2.0000	3.20	6.40	6.40
Kocide	lb											2.0000	3.00	6.00	6.00
Lannate	pt											3.0000	6.96	20.88	20.88
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	4.07	2.40	1.77	2.42	1.771	13.28				23.94
Ammonium Nitrate 33%	lb											150.0000	0.15	22.50	22.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Quadris	pt											0.2500	33.60	8.40	8.40
Sprayer, boom	12 ft	23	0.190	1.00	May	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Bravo	pt											2.0000	6.35	12.70	12.70
Sevin	lbs											1.2500	5.26	6.57	6.57
Buffer	pt											1.2500	2.00	2.50	2.50
Sprayer, boom	12 ft	23	0.190	2.00	May	0.96	0.57	0.52	0.54	0.418	3.14				5.73
Ridomil + Bravo	lb											4.0000	17.75	71.00	71.00
Sevin	lbs											2.5000	5.26	13.15	13.15
Buffer	pt											2.5000	2.00	5.00	5.00
Cultivator 1R	3 ft	23	1.530	1.00	May	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Sprayer, boom	12 ft	23	0.190	2.00	Jun	0.96	0.57	0.52	0.54	0.418	3.14				5.73
Quadris	pt											0.5000	33.60	16.80	16.80
Trailer utility	10 ft	23	1.000	2.00	Jun	5.05	2.98	0.53	1.81	2.200	16.50				26.87
Harvest labor	hour			1.00	Jun							40.0000	7.50	300.00	300.00
Harvest container	each			1.00	Jun							4.0000	1.00	4.00	4.00
Other labor	hour			1.00	Jun							2.5000	7.50	18.75	18.75
Pack line/wet/small	acre			1.00	Jun			2.53	12.52			1.0000			15.05
Packing labor	hour											40.0000	7.50	300.00	300.00
Lug boxes	each											700.0000	1.11	777.00	777.00
Pickup truck	1/2 ton		1.000	1.00	Jun			8.20	8.76	1.000	7.50				24.46
Trailer utility	10 ft	23	1.000	1.00	Jul	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Other labor	hour											8.0000	7.50	60.00	60.00
Shredder 1R	5 ft	23	0.740	1.00	Jul	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Disk 2R	6 ft	43	0.570	2.00	Jul	4.52	3.32	1.40	1.92	1.254	9.40				20.57
TOTALS						66.78	41.61	29.29	51.86	27.664	207.48			2960.61	3357.62
INTEREST ON OPERATING CAPITAL															48.25
TOTAL SPECIFIED COST															3405.88

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, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	189.60	1.0000	189.60	__________
FUNGICIDES	acre	184.20	1.0000	184.20	__________
HERBICIDES	acre	7.69	1.0000	7.69	__________
HIRED LABOR	acre	641.25	1.0000	641.25	__________
INSECTICIDES	acre	115.87	1.0000	115.87	__________
PACK & HARVEST ITEMS	acre	781.00	1.0000	781.00	__________
STAKES & TWINE	acre	251.00	1.0000	251.00	__________
PLANTS	acre	190.00	1.0000	190.00	__________
HARVEST LABOR	acre	600.00	1.0000	600.00	__________
OPERATOR LABOR	hour	7.50	27.6640	207.48	__________
DIESEL FUEL	gal	1.34	8.5085	11.40	__________
ELECTRICITY	kWh	0.10	5.2500	0.53	__________
GASOLINE	gal	1.78	25.5407	45.46	__________
REPAIR & MAINTENANCE	acre	38.68	1.0000	38.68	__________
INTEREST ON OP. CAP.	acre	48.25	1.0000	48.25	__________

TOTAL DIRECT EXPENSES				3312.40	__________
TOTAL FIXED EXPENSES				93.47	__________

TOTAL SPECIFIED EXPENSES				3405.88	__________

Table 36C. Effects of yields and prices on net returns per acre above total direct expenses, Tomatoes, fresh market, one-row equipment, bare soil, trellis, 60" skip row, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

Yield	Price Per 20 Lb. Box				
(Boxes)	7.00	8.00	9.00	10.00	11.00
	Net Returns Per Acre				
500.00	521.60	1021.60	1521.60	2021.60	2521.60
600.00	1054.60	1654.60	2254.60	2854.60	3454.60
700.00	1587.60	2287.60	2987.60	3687.60	4387.60
800.00	2120.60	2920.60	3720.60	4520.60	5320.60
900.00	2653.60	3553.60	4453.60	5353.60	6253.60

Table 37.A Estimated resource use and costs per greenhouse for field operations, Greenhouse Tomatoes, fall fresh market, 660 plants in grow bags, drip irrigated and fertilized, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Greenhouse	each			1.00	Aug			66.85	1337.00			1.0000			1403.85
Greenhouse prep.	hour											2.0000	7.50	15.00	15.00
Grow bags	each											165.0000	1.70	280.50	280.50
Tomato plant	each			1.00	Aug							660.0000	0.40	264.00	264.00
Planting labor	hour											5.0000	7.50	37.50	37.50
Fan, greenhouse	hour			15.00	Aug			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	102.50	34.85	34.85
Twine, plastic	box											1.0000	15.00	15.00	15.00
Tomato hooks	1000											0.6700	186.00	124.62	124.62
Sprayer, backpack	each			2.00	Aug				25.00	2.000	15.00	2.0000			40.00
Exotherm	lb											6.0000	3.00	18.00	18.00
Ambush	pt											0.1000	14.00	1.40	1.40
Kelthane	qt											0.0500	11.46	0.57	0.57
Thiodan	lb											0.0250	6.50	0.16	0.16
Pollinator	hour			15.00	Sep			4.50	20.00	15.000	112.50	15.0000			137.00
Sprayer, backpack	each			4.00	Sep					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	3.00	36.00	36.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Fan, greenhouse	hour			30.00	Sep			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	102.50	34.03	34.03
Bee pollination	hive			1.00	Oct							1.0000	250.00	250.00	250.00
Leaf pruning	hour			1.00	Oct							5.0000	7.50	37.50	37.50
Cluster prune	hour			2.00	Oct							7.0000	7.50	52.50	52.50
Sprayer, backpack	each			4.00	Oct					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	3.00	36.00	36.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Fan, greenhouse	hour			30.00	Oct			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	1.25	1650.00	1650.00
Monitor	hour			150.00	Oct							150.0000	7.50	1125.00	1125.00
Irrigate/fert, drip	each			1.00	Oct			11.24	289.00			1.0000			300.24
3-13-29	lb											300.0000	1.10	330.00	330.00
CANO3, water sol.	lb											300.0000	0.35	105.00	105.00
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	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Fan, greenhouse	hour			30.00	Nov			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	102.50	33.62	33.62
Harvest labor	hour			8.00	Nov							34.0000	7.50	255.00	255.00
Pollinator	hour			15.00	Dec			4.50		15.000	112.50	15.0000			117.00
Leaf pruning	hour			1.00	Dec							5.0000	7.50	37.50	37.50
Cluster prune	hour			2.00	Dec							7.0000	7.50	52.50	52.50
Sprayer, backpack	each			4.00	Dec					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	3.00	36.00	36.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Fan, greenhouse	hour			30.00	Dec			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			211.50	126.00			150.0000			337.50
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	14.00	1.40	1.40
Kelthane	qt											0.0500	11.46	0.57	0.57
Thiodan	lb											0.0250	6.50	0.16	0.16
Fan, greenhouse	hour			15.00	Jan			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			211.50				150.0000			211.50
Greenhouse prep.	hour			1.00	Jan							9.0000	7.50	67.50	67.50
TOTALS						0.00	0.00	718.65	1988.50	50.000	375.00			6135.47	9217.63
INTEREST ON OPERATING CAPITAL															126.10
TOTAL SPECIFIED COST															9343.73

*includes poly cover cost

Table 37.B Summary of estimated costs per greenhouse, Greenhouse Tomatoes, fall fresh market, 660 plants in grow bags, drip irrigated and fertilized, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	435.00	1.0000	435.00	________
FUNGICIDES	acre	180.00	1.0000	180.00	________
HIRED LABOR	acre	2152.50	1.0000	2152.50	________
INSECTICIDES	acre	21.36	1.0000	21.36	________
PACK & HARVEST ITEMS	acre	1650.00	1.0000	1650.00	________
STAKES & TWINE	acre	242.12	1.0000	242.12	________
PLANTS	acre	544.50	1.0000	544.50	________
CUSTOM	acre	250.00	1.0000	250.00	________
HARVEST LABOR	acre	660.00	1.0000	660.00	________
OPERATOR LABOR	hour	7.50	50.0000	375.00	________
DIESEL FUEL	gal	1.34	300.0000	402.00	________
ELECTRICITY	kWh	0.10	1855.2000	185.52	________
REPAIR & MAINTENANCE	acre	131.13	1.0000	131.13	________
INTEREST ON OP. CAP.	acre	126.10	1.0000	126.10	________

TOTAL DIRECT EXPENSES				7355.23	________
TOTAL FIXED EXPENSES				1988.50	________

TOTAL SPECIFIED EXPENSES				9343.73	________

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

Table 38.A Estimated resource use and costs per greenhouse for field operations, Greenhouse Tomatoes, spring fresh market, 660 plants in grow bags, drip irrigated and fertilized, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						dollars	dollars	dollars	dollars		dollars		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			211.50	126.00			150.0000			337.50
Sprayer, backpack	each			2.00	Jan				25.00	2.000	15.00	2.0000			40.00
Exotherm	lb											6.0000	3.00	18.00	18.00
Ambush	pt											0.1000	14.00	1.40	1.40
Kelthane	qt											0.0500	11.46	0.57	0.57
Thiodan	lb											0.0250	6.50	0.16	0.16
Fan, greenhouse	hour			15.00	Jan			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	102.50	33.83	33.83
Twine, plastic	box											1.0000	15.00	15.00	15.00
Clip, tie and prune	hour			4.00	Feb							20.0000	7.50	150.00	150.00
Pollinator	hour			14.00	Feb			4.20	20.00	14.000	105.00	14.0000			129.20
Sprayer, backpack	each			4.00	Feb					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	3.00	36.00	36.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Fan, greenhouse	hour			30.00	Feb			47.40				300.0000			47.40
Heater, greenhouse	hour			30.00	Feb			423.00				300.0000			423.00
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	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Bee pollination	hive			1.00	Mar							1.0000	250.00	250.00	250.00
Leaf pruning	hour			1.00	Mar							5.0000	7.50	37.50	37.50
Cluster prune	hour			2.00	Mar							7.0000	7.50	52.50	52.50
Fan, greenhouse	hour			30.00	Mar			37.92				240.0000			37.92
Heater, greenhouse	hour			30.00	Mar			282.14				200.1000			282.14
Clip, tie and prune	hour			6.00	Mar							21.0000	7.50	157.50	157.50
Plant clips	box											0.3300	102.50	33.83	33.83
Harvest labor	hour			2.00	Mar							10.6000	7.50	79.50	79.50
Irrigate/fert, drip	each			1.00	Apr			11.24	289.00			1.0000			300.24
3-13-29	lb											500.0000	1.10	550.00	550.00
CANO3, water sol.	lb											500.0000	0.35	175.00	175.00
Monitor	hour			165.00	Apr							165.0000	7.50	1237.50	1237.50
Sprayer, backpack	each			4.00	Apr					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	3.00	36.00	36.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Clip, tie and prune	hour			4.00	Apr							20.0000	7.50	150.00	150.00
Leaf pruning	hour			1.00	Apr							5.0000	7.50	37.50	37.50
Cluster prune	hour			2.00	Apr							7.0000	7.50	52.50	52.50
Harvest labor	hour			8.00	Apr							44.8000	7.50	336.00	336.00
Fan, greenhouse	hour			30.00	Apr			37.92				240.0000			37.92
Heater, greenhouse	hour			30.00	Apr			71.91				51.0000			71.91
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	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Pollinator	hour			15.00	May			4.50		15.000	112.50	15.0000			117.00
Leaf pruning	hour			1.00	May							5.0000	7.50	37.50	37.50
Cluster prune	hour			1.00	May							7.0000	7.50	52.50	52.50
Harvest labor	hour			8.00	May							44.8000	7.50	336.00	336.00
Fan, greenhouse	hour			30.00	May			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	102.50	33.83	33.83
Clip, tie and prune	hour			4.00	Jun							20.0000	7.50	150.00	150.00
Sprayer, backpack	each			4.00	Jun					4.000	30.00	4.0000			30.00
Exotherm	lb											12.0000	3.00	36.00	36.00
Ambush	pt											0.2000	14.00	2.80	2.80
Kelthane	qt											0.1000	11.46	1.15	1.15
Thiodan	lb											0.0500	6.50	0.33	0.33
Harvest labor	hour			6.00	Jun							31.2000	7.50	234.00	234.00
Fan, greenhouse	hour			30.00	Jun			37.92				240.0000			37.92
TOTALS						0.00	0.00	1217.05	651.50	51.000	382.50			4977.47	7228.52
INTEREST ON OPERATING CAPITAL															103.90
TOTAL SPECIFIED COST															7332.42

Table 38.B Summary of estimated costs per greenhouse, Greenhouse Tomatoes, spring fresh market, 660 plants in grow bags, drip irrigated and fertilized, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	725.00	1.0000	725.00	__________
FUNGICIDES	acre	198.00	1.0000	198.00	__________
HIRED LABOR	acre	2415.00	1.0000	2415.00	__________
INSECTICIDES	acre	23.49	1.0000	23.49	__________
STAKES & TWINE	acre	116.48	1.0000	116.48	__________
PLANTS	acre	264.00	1.0000	264.00	__________
CUSTOM	acre	250.00	1.0000	250.00	__________
HARVEST LABOR	acre	985.50	1.0000	985.50	__________
OPERATOR LABOR	hour	7.50	51.0000	382.50	__________
DIESEL FUEL	gal	1.34	701.1000	939.47	__________
ELECTRICITY	kWh	0.10	1855.2000	185.52	__________
REPAIR & MAINTENANCE	acre	92.06	1.0000	92.06	__________
INTEREST ON OP. CAP.	acre	103.90	1.0000	103.90	__________

TOTAL DIRECT EXPENSES				6680.92	__________
TOTAL FIXED EXPENSES				651.50	__________

TOTAL SPECIFIED EXPENSES				7332.42	__________

Table 38C. Effects of yields and prices on net returns per greenhouse above total direct expenses, Greenhouse Tomatoes, fresh market, 660 pl in grow bags, drip irrigated and fertilized, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

Yield	-------------------	-------------------	Price Per 20 Lb. Box	-------------------	-------------------
(Boxes)	18.00	20.00	22.00	24.00	26.00
			Net Returns Per Acre		
460.00	-5384.15	-4464.15	-3544.15	-2624.15	-1704.15
560.00	-3770.15	-2650.15	-1530.15	-410.15	709.85
660.00	-2156.15	-836.15	483.85	1803.85	3123.85
760.00	-542.15	977.85	2497.85	4017.85	5537.85
860.00	1071.85	2791.85	4511.85	6231.85	7951.85

Table 39.A Estimated resource use and costs per acre for field operations, Watermelons (early), hybrid varieties, transplants, plastic mulch, one-row equipment, Louisiana, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Lime (spread)	cwt			1.00	Oct							6.6000	2.50	16.50	16.50
Disk 4R	13.3 ft	68	0.150	2.00	Oct	1.88	1.37	1.12	1.53	0.330	2.48				8.38
Disk 4R	13.3 ft	68	0.150	1.00	Mar	0.94	0.69	0.56	0.77	0.165	1.24				4.19
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	3.92	2.31	1.82	2.49	1.705	12.79				23.32
8-24-24	lb											400.0000	0.11	45.20	45.20
Plastic layer	5 ft	23	1.500	1.00	Mar	3.79	2.24	2.16	4.33	4.650	34.88				47.39
Plastic	roll											3.0000	76.80	230.40	230.40
T-tape, drip irrig.	roll											2.0000	111.00	222.00	222.00
Hose, lay flat	roll											1.0000	90.00	90.00	90.00
Other labor	hour											10.0000	7.50	75.00	75.00
Irrigate/fert, drip	acin			4.00	Mar			22.48	60.00			2.0000			82.48
Water (from hydrant)	acin											2.0000	3.25	6.50	6.50
Transplanter, plug	1 row	23	1.000	1.00	Apr	2.53	1.49	1.06	2.65	3.100	23.25				30.97
Watermelon plants	100											10.0000	8.50	85.00	85.00
Trailer utility	10 ft	23	1.000	1.00	Apr	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Other labor	hour											1.0000	7.50	7.50	7.50
Sprayer, boom	20 ft	93	0.120	1.00	Apr	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Curbit	pt											2.0000	4.76	9.52	9.52
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Sevin	lbs											1.0000	5.26	5.26	5.26
Quadris	pt											0.7000	33.60	23.52	23.52
Cultivator 4R	13.3 ft	68	0.140	1.00	Apr	0.88	0.64	0.28	0.38	0.154	1.16				3.33
Irrigate/fert, drip	acin			4.00	Apr			44.96				4.0000			44.96
Water (from hydrant)	acin											4.0000	3.25	13.00	13.00
Sprayer, boom	20 ft	93	0.120	1.00	Apr	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Quadris	pt											0.7000	33.60	23.52	23.52
Cultivator 4R	13.3 ft	68	0.140	1.00	Apr	0.88	0.64	0.28	0.38	0.154	1.16				3.33
Sprayer, boom	20 ft	93	0.120	1.00	May	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Malathion	pt											2.0000	2.95	5.90	5.90
Bravo	pt											2.5000	6.35	15.88	15.88
Cultivator 4R	13.3 ft	68	0.140	1.00	May	0.88	0.64	0.28	0.38	0.154	1.16				3.33
Irrigate/fert, drip	acin			4.00	May			44.96				4.0000			44.96
Water (from hydrant)	acin											4.0000	3.25	13.00	13.00
Sprayer, boom	20 ft	93	0.120	1.00	May	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Topsin M	lb											0.5000	16.60	8.30	8.30
Other labor	hour			1.00	May							2.0000	7.50	15.00	15.00
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Bravo	pt											2.5000	6.35	15.88	15.88
Sevin	lbs											1.0000	5.26	5.26	5.26
Trailer utility	10 ft	23	1.000	1.00	Jun	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Harvest labor	hour											15.0000	7.50	112.50	112.50
Irrigate/fert, drip	acin			4.00	Jun			33.72				3.0000			33.72
Water (from hydrant)	acin											3.0000	3.25	9.75	9.75
Pickup truck	1/2 ton		1.000	1.00	Jun			8.20	8.76	1.000	7.50				24.46
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.18	1.10	0.26	0.27	0.132	0.99				3.80
Bravo	pt											2.5000	6.35	15.88	15.88
Trailer utility	10 ft	23	1.000	1.00	Jun	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Harvest labor	hour											15.0000	7.50	112.50	112.50
Pickup truck	1/2 ton		1.000	1.00	Jun			8.20	8.76	1.000	7.50				24.46
Trailer utility	10 ft	23	1.000	1.00	Jul	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Harvest labor	hour											10.0000	7.50	75.00	75.00
Pickup truck	1/2 ton		1.000	1.00	Jul			8.20	8.76	1.000	7.50				24.46
Irrigate/fert, drip	acin			4.00	Jul			33.72				3.0000			33.72
Coulter	1 row	23	1.500	1.00	Aug	3.79	2.24	0.64	0.90	1.650	12.38				19.94
Other labor	hour											17.0000	7.50	127.50	127.50
Trailer utility	10 ft	23	1.000	1.00	Aug	2.53	1.49	0.27	0.90	1.100	8.25				13.44
Pickup truck	1/2 ton		1.000	1.00	Aug			8.20	8.76	1.000	7.50				24.46
Disk 4R	13.3 ft	68	0.150	1.00	Aug	0.94	0.69	0.56	0.77	0.165	1.24				4.19
TOTALS						40.59	27.25	224.57	116.03	22.728	170.46			1385.26	1964.16
INTEREST ON OPERATING CAPITAL															36.90
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2001.06

Table 39.B Summary of estimated costs per acre, Watermelons (early), hybrid varieties, transplants, plastic mulch, one-row equipment, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	61.70	1.0000	61.70	________
FUNGICIDES	acre	102.97	1.0000	102.97	________
HERBICIDES	acre	9.52	1.0000	9.52	________
HIRED LABOR	acre	225.00	1.0000	225.00	________
INSECTICIDES	acre	16.42	1.0000	16.42	________
PLASTIC	acre	542.40	1.0000	542.40	________
PLANTS	acre	85.00	1.0000	85.00	________
CUSTOM	acre	42.25	1.0000	42.25	________
HARVEST LABOR	acre	300.00	1.0000	300.00	________
OPERATOR LABOR	hour	7.50	22.7280	170.46	________
DIESEL FUEL	gal	1.34	7.0188	9.41	________
ELECTRICITY	kWh	0.10	115.2000	11.52	________
GASOLINE	gal	1.78	22.1362	39.40	________
REPAIR & MAINTENANCE	acre	204.83	1.0000	204.83	________
INTEREST ON OP. CAP.	acre	36.90	1.0000	36.90	________

TOTAL DIRECT EXPENSES				1857.77	________
TOTAL FIXED EXPENSES				143.28	________

TOTAL SPECIFIED EXPENSES				2001.06	________

Table 39C. Effects of yields and prices on net returns per acre above total direct expenses, Watermelons (early), fresh market, one-row equipment, hybrid, transplant, plastic mulch, production parameters specified by Extension Horticulture Specialist, Louisiana, 2005.

Yield (Cwt)	Price Per Cwt 5.00	5.50	6.00	6.50	7.00
	Net Returns Per Acre				
240.00	-599.70	-479.70	-359.70	-239.70	-119.70
270.00	-478.95	-343.95	-208.95	-73.95	61.05
300.00	-358.20	-208.20	-58.20	91.80	241.80
330.00	-237.45	-72.45	92.55	257.55	422.55
360.00	-116.70	63.30	243.30	423.30	603.30

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, 2005.

ITEM NAME	SIZE	USEFUL LIFE	ANNUAL USE	PURCHASE PRICE	REPAIR COST	FUEL CONS RATE	DIRECT COST		FIXED COST	
		years	hours	dollars	percent	/hour	$/hr	$/ac	$/hr	$/ac
Double hitch	0	10	1000	0	100	0.00	0.00		0.00	
Pickup truck	1/2 ton	5	600	25,000	45	2.50	7.32		8.97	
Small 4-wheel drive	225	10	600	104,362	25	11.58	17.90		18.70	
Tractor 106-130HP	118	10	600	60,457	35	6.07	10.63		10.83	
Tractor 131-155HP	143	10	600	72,690	35	7.36	12.85		13.03	
Tractor 15-30HP	23	10	600	8,820	35	1.13	2.13		1.58	
Tractor 156-180	168	10	600	83,266	35	8.65	14.98		14.92	
Tractor 31-55HP	43	10	600	17,240	35	2.21	3.59		3.09	
Tractor 56-80HP	68	10	600	27,049	35	3.50	5.67		4.85	
Tractor 80-105HP	93	8	600	46,683	35	4.79	9.01		9.61	
Tractor hi clearance	68	10	600	43,000	25	4.20	6.71		7.71	
Fork lift		20	350	20,000	50	1.50	3.57	3.57	4.58	4.58
High cycle spray	60 ft	12	250	60,000	60	2.90	15.39	0.46	26.45	0.79
Pickup truck	1/2 ton	5	600	25,000	45	2.50	7.32	7.32	8.97	8.97
Truck	1 ton	10	400	30,000	45	3.00	7.67	7.67	9.39	9.39
Truck	2 ton	10	400	35,000	45	3.00	7.45	7.45	10.96	10.96
Truck	5 ton	10	400	54,000	70	4.50	14.72	14.72	16.90	16.90

Appendix Table 2. Other durable inputs: estimated repair cost, fuel consumption rate, Direct cost per unit of measure, and fixed cost per unit of measure or per acre Louisiana, 2005.

ITEM NAME	UNIT	REPAIR COST	FUEL CONS RATE	DIRECT COST	----FIXED COST----	
		$/U of M	/U of M	$/U of M	$/U of M	$/acre
Cool pad, greenhouse	hour	10.000	1.000	10.100		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		25.00

Appendix Table 3. Implements: estimated performance rate, useful life, annual use, purchase price, repair cost, and direct and fixed cost per hour and per acre Louisiana, 2005.

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

continued

Appendix Table 3. (Continued)

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

Appendix Table 4. Operating inputs: estimated prices Louisiana, 2005

ITEM NAME	UNIT	PRICE			
		dollars			dollars
FERTILIZER					
10-20-20	lb	0.12	13-13-13	cwt	18.32
13-13-13	lb	0.18	3-13-29	lb	1.10
7-21-21	lb	0.12	8-24-24	lb	0.11
Ammonium Nitrate 33%	lb	0.15	Anhydrous (82%)	lb	0.20
CaNO3, regular	lb	0.25	CANO3, water sol.	lb	0.35
Fertilizer cart	cwt	0.20	Lime (spread)	cwt	2.50
Nitrogen	lb	0.15	Nitrogen (32%)	lb	0.12
Phosphorus	lb	0.12	Potash	lb	0.08
Sodium Molybdate	lb	18.00	Solubore	lb	1.10
FUNGICIDES					
Benlate	lb	16.50	Botran 75W	lb	12.75
Bravo	pt	6.35	Captan	lb	5.00
Dithane	lb	3.00	Exotherm	lb	3.00
Kocide	lb	3.00	Manzate	lb	3.20
Quadris	pt	33.60	Ridomil	lb	1.90
Ridomil + Bravo	lb	17.75	Ridomil Gold	pt	88.00
Ridomil Gold + Bravo	pt	90.00	Rovral	pt	19.00
Topsin M	lb	16.60	Tribasic Copper	lb	2.65
HERBICIDES					
Atrazine	pt	10.00	Basagran	pt	8.00
Command	qt	20.65	Crop oil	pt	1.00
Curbit	pt	4.76	Dacthal	lb	16.00
Devrinol	lb	8.39	Dual	pt	13.49
Eptam	pt	4.10	Fusilade 2000	pt	17.00
Goal	pt	11.27	Gramoxone	pt	5.40
Lasso	pt	3.20	Poast	pt	8.38
Prefar	qt	12.62	Princep	lb	3.73
Prowl	pt	2.50	Pursuit	oz	14.00
Roneet	qt	12.50	Roundup	pt	7.24
Sencor	pt	2.25	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
Hoe labor	hour	7.50	Leaf pruning	hour	7.50
Monitor	hour	7.50	Other labor	hour	7.50
Planting labor	hour	7.50	Strip berry labor	hour	7.50
Tie/prune plants	hour	7.50	Tomato pollination	each	7.50
INSECTICIDES					
AgriMek	pt	83.50	Ambush	pt	14.00
Buffer	pt	2.00	Confirm	lb	21.76
Diazinon	pt	3.80	Dimethoate	pt	4.47
Dipel	pt	6.27	Furadan	qts	19.30
Guthion	pt	2.75	Imidan	lb.	7.45
Kelthane	qt	11.46	Lannate	pt	6.96
Lorsban 4E	pt	4.77	Malathion	pt	2.95
Mocap	lbs	1.40	Orthene	lbs	11.90
Penncap M	pt	3.47	Phosdrin	pt	11.19
Pounce	pt	17.60	Pravado	pt	58.40
Sevin	lbs	5.26	Thiodan	lb	6.50
Thiodan	pt	4.30	Vendex	lb	23.00
PACK & HARVEST ITEMS					
Boxes, lug	each	1.25	Bushel hampers	each	2.25
Flats	each	1.25	Hand carry	each	1.60
Harvest container	each	1.00	Harvest crate	each	1.15
Harvest sacks	each	0.75	Ice	cwt	7.10
Lug boxes	each	1.11	Packing boxes	each	1.25
Packing boxes	each	1.20	Packing boxes	each	0.95
Packing boxes	each	1.45	Packing boxes	each	0.95
Packing charge	bu	1.50	Packing crates	each	1.10
Packing sacks	each	0.75	plastic bag, sealing	each	0.10
Potato bins	each	50.00	Rubber bands	lbs	5.00
Vegetable bin	each	50.00			

Appendix Table 4 (continued)

ITEM NAME	UNIT	PRICE			
		dollars			dollars
SEED					
Broccoli seed	lbs	525.11	Butter bean seed	lbs	1.50
Cabbage seed	lbs	272.00	Cantaloupe seed	lbs	338.00
Cauliflower seed	lbs	775.00	Cayenne seed	lbs	32.50
Chipping potato seed	cwt	22.00	Collard seed	lbs	5.50
Cover crop	acre	60.00	Cucumber seed	lbs	93.16
Cucumber seed/slice	lbs	12.25	Eggplant seed	lbs	320.00
Irish potato seed	cwt	22.00	Jalapeno seed	lbs	35.00
Mustard seed	lbs	4.00	Okra seed	lbs	4.22
Pink banana squash	lbs	11.60	Pumpkin seed	lbs	32.25
Seed potatoes	bu	7.00	Shallots sets	lbs	2.00
Snap bean seeds	lbs	1.50	Southern pea seed	lbs	1.81
Spinach	lbs	5.90	Sweet corn seed	lbs	8.76
Sweet potato slips	acre	117.63	Turnip seed	lbs	8.89
Watermelon seed	lbs	26.63	Yellow squash seed	lbs	42.00
STAKES & TWINE					
Plant clips	box	102.50	Stake replacement	100	10.50
String	lbs	2.00	Tomato hooks	1000	186.00
Twine	roll	25.00	Twine, plastic	box	15.00
Twine, poly	roll	4.50			
PLASTIC					
Hose, lay flat	roll	90.00	Pipe, poly	acre	4.69
Plastic	ft	0.02			

Appendix Table 5.A Estimated resource use and costs per acre for field operations
Potato (Mother-Sweet), one-row equipment,
plant 90 acres, Louisiana, 2005.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST DIRECT	TRACTOR COST FIXED	EQUIP COST DIRECT	EQUIP COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING INPUT AMOUNT	OPERATING INPUT PRICE	OPERATING INPUT COST	TOTAL COST
						------------dollars-----------					dollars		-------dollars--------		
Disk 2R	6 ft	43	0.570	2.00	Dec	4.52	3.32	1.40	1.92	1.254	9.40				20.57
Fertilizer applicatr	1 row	23	0.500	1.00	Feb	1.26	0.75	0.15	0.24	0.550	4.13				6.52
8-24-24	lb											500.0000	0.11	56.50	56.50
Disk 2R	6 ft	43	0.570	1.00	Feb	2.26	1.66	0.70	0.96	0.627	4.70				10.29
Hipper 1R	3 ft	23	1.530	2.00	Feb	7.73	4.56	1.35	1.84	3.366	25.25				40.72
Middle buster 1R	3 ft	23	1.530	1.00	Feb	3.86	2.28	0.34	0.46	1.683	12.62				19.56
Trailer utility	10 ft	23	1.000	5.00	Feb	12.63	7.45	1.33	4.51	5.500	41.25				67.18
Planter, yam seed	250 bu	93	0.330	1.00	Feb	3.24	3.01	1.43	3.87	0.693	5.20				16.75
Planting labor	hour											1.0000	7.50	7.50	7.50
Seed potatoes	bu											900.0000	7.00	6300.00	6300.00
Seed potatoes	bu											450.0000	7.00	3150.00	3150.00
Botran 75W	lb											2.2500	12.75	28.69	28.69
Fork lift			1.000	1.00	Feb			4.10	4.30	1.000	7.50				15.90
Hipper 1R	3 ft	23	1.530	2.00	Feb	7.73	4.56	1.35	1.84	3.366	25.25				40.72
Ditcher	1.5 ft	23	0.050	1.00	Feb	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Plastic layer	5 ft	23	1.500	1.00	Mar	3.79	2.24	2.16	4.33	4.650	34.88				47.39
Plastic	roll											4.5000	76.80	345.60	345.60
Other labor	hour											3.0000	7.50	22.50	22.50
Hipper 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	0.67	0.92	1.683	12.62				20.36
Other labor	hour			1.00	Mar							6.0000	7.50	45.00	45.00
Cultivator 1R	3 ft	23	1.530	1.00	Mar	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Ditcher	1.5 ft	23	0.050	1.00	Mar	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Thiodan	lb											1.0000	6.50	6.50	6.50
Cultivator 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Ditcher	1.5 ft	23	0.050	1.00	Apr	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.48	0.28	0.26	0.27	0.209	1.57				2.86
Thiodan	lb											1.0000	6.50	6.50	6.50
Cultivator 1R	3 ft	23	1.530	1.00	Apr	3.86	2.28	1.35	1.84	1.683	12.62				21.95
Ditcher	1.5 ft	23	0.050	1.00	Apr	0.13	0.07	0.11	0.15	0.055	0.41				0.87
Shredder 1R	5 ft	23	0.740	1.00	May	1.87	1.10	0.36	0.89	0.814	6.11				10.32
Middle buster 1R	3 ft	23	1.530	1.00	May	3.86	2.28	0.34	0.46	1.683	12.62				19.56
Disk 2R	6 ft	43	0.570	2.00	May	4.52	3.32	1.40	1.92	1.254	9.40				20.57
TOTALS						74.21	46.53	22.08	35.12	33.810	253.58			9968.79	10400.30
INTEREST ON OPERATING CAPITAL															186.01
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															10586.32

Appendix Table 5.B Summary of estimated costs per acre
Potato (Mother-Sweet), one-row equipment,
plant 90 acres, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	56.50	1.0000	56.50	_________
FUNGICIDES	acre	28.69	1.0000	28.69	_________
HIRED LABOR	acre	75.00	1.0000	75.00	_________
INSECTICIDES	acre	13.00	1.0000	13.00	_________
SEED	acre	9450.00	1.0000	9450.00	_________
PLASTIC	acre	345.60	1.0000	345.60	_________
OPERATOR LABOR	hour	7.50	33.8100	253.58	_________
DIESEL FUEL	gal	1.34	7.8792	10.56	_________
GASOLINE	gal	1.78	28.1906	50.18	_________
REPAIR & MAINTENANCE	acre	35.55	1.0000	35.55	_________
INTEREST ON OP. CAP.	acre	186.01	1.0000	186.01	_________
TOTAL DIRECT EXPENSES				10504.67	_________
TOTAL FIXED EXPENSES				81.65	_________
TOTAL SPECIFIED EXPENSES				10586.32	_________