
**2011
Projected
Commodity
Costs
And
Returns**

Louisiana Vegetable Crops

Roger A. Hinson



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PROJECTED COSTS FOR SELECTED
LOUISIANA VEGETABLE CROPS - 2011 SEASON

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Appendices

PROJECTED COSTS FOR SELECTED LOUISIANA VEGETABLE CROPS – 2011 SEASON

Roger A. Hinson¹

Cost budgets are reported for 20 different vegetable crops, with a total of 39 combinations of crop, machinery size, and market channel. Each cost budget is supplemented with a table in which net return is calculated over a range of prices and yields, adjusted for changes in labor requirement and packing costs.

Production practices reflect cultural practices as described generally in the budget's title. Titles usually include the level of technology assumed. An example might be a high production technology situation, where a farmer would use hybrid seed, higher seeding and fertilizer rates, drip irrigation, and/or plastic mulch. Generally, this technology level is higher than would be found on typical farm production situations. Other budgets 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 in these alternative technology cases is assumed to be different from the typical farm budget. Production is higher than is typically reported for Louisiana in the budgets typified by drip irrigation and plastic mulch. The machine harvest budgets are lower due to the single machine harvest. For the higher yields, technology levels that justify these higher rates are used in major US production areas. An example is cabbage production in Texas, where the technology included in the budget is used and average yields are similar to those included in these special situation budgets. The higher levels also have been achieved in research trials in Louisiana. However, these technologies and yields may not yet have been tested over a period of years under Louisiana farming conditions. Vegetable growers with larger operations and whose market objective is the regional or national wholesale market would be users of the higher technology.

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

The production practices, machinery complements, and performance rates result from an economic engineering approach. Extension horticulture specialists who are knowledgeable of farming practices under the state's conditions provided the information base of cultural practices and machinery. Production practices followed by commercial growers generally conform to LSU's recommended practices. Annual budget updates primarily reflect changes in chemical label applications and input prices.

Expected production per acre for each crop was from Extension Service crop summaries, and Extension specialists' experience. Prices reflect Extension specialists' observations of sales by Louisiana farmers made to the wholesale market, and sales at local farmers' markets. As such, they reflect subjective observation rather than objective prices that might be found in secondary data.

The advanced technology assumed in the budgets describing larger production units offer higher expected yields and returns, but the investment introduces additional financial risk and may require greater marketing effort and skills. Watermelon budgets offer an excellent example. Typical grower practices, with low input levels, are presented in Table 39. A system that assumes more sophisticated production practices including hybrid plants, plastic mulch and drip irrigation, requiring more investment, is presented in Table 40. With its higher production cost and management requirements, the high input budget is expected to generate higher returns with lower yield risk, but the marketing risk should be considered as well.

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Labor Charge for Vegetable Production

Hired labor is assumed to be available at \$9.60 per hour. This rate reflects payment of an hourly wage based on farm labor surveys, and generally accounts for the employer portion of social security contribution and workman's compensation insurance expenses. This increase also reflects pressures on labor rates resulting from hurricanes in 2005 and 2008. Crop harvest operations are charged either as an hourly wage, or as piecework when that is the typical farm practice.

Budget Description

These budgets may be grouped into the following categories:

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

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

A summary of base prices and yields, total direct expenses, and returns above total direct expenses is presented in Table 1.

Fuel prices (both gasoline and diesel) have continued to be unstable, from dramatic and historic highs in 2008, to relatively low levels in 2010, followed by another surge during the early months of 2011. We expect continuing volatility for fuel prices. Electricity cost is expected to be relatively stable, and reflects fuel surcharges typical in Louisiana.

Budgeted situations for sweet potato and strawberry reflect recent changes in production technology and market conditions in those industries:

Sweet potato

- Yield and price are reported in hundredweights by National Agricultural Statistics Service. However, farmers typically think of yield in 40 pound boxes. To increase the usefulness of price reports to farmers, we continue to report yield in boxes, at a rate of 250 boxes per acre in tables 25 and 26.
- As a total, there are two components of revenue - fresh market sales and processing market sales. For fresh market grades (#1, #2 and jumbos), we used an average price of \$15.25 for 1-row farmers selling to packer/shippers, and \$18.25 for farmers who are grower/shippers, as the base prices.
- The remainder of the crop goes to processors, including traditional canners and a recently completed frozen/ canned products plant in northeast Louisiana. The new facility has increased overall demand for the crop, and the quality of potatoes that goes to processors probably has increased. This development generally has helped to move prices higher. A declining share of the crop is going to fresh market, and an increasing share is going to processors.

Strawberry

- Production has changed for a portion of the crop. Growers have targeted the early crop because of higher prices, and have taken additional steps to increase early sales. Those steps include using plug transplants for quicker establishment of the crop, rather than bare root plants. In addition, these growers use hoop-style row covers to provide additional

cold protection. The plug plants, hoops, and their installation add substantially to cost. Advantages include higher production levels and more sales during the cool season when prices are higher.

Risk in Producing and Marketing Vegetables

Fresh market prices vary widely within the year and from year to year, and yields can vary widely between years as well. As noted above, vegetable budgets assume that output 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 their ability to withstand the impact of adverse financial events.

Results of budget estimation and spreadsheet analysis of price and yield variation

Returns to growers' managerial ability depends 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, we found a wide range in returns above direct expenses. Higher technology levels provided higher estimated returns compared with the typical technologies, as shown by tomato, cabbage, strawberry and bell peppers budgets. Crops with high returns above variable costs used advanced technologies that can be expensive and risky. Larger machinery (four row) reduced fixed 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. The prominent example was strawberry, where use of fertigation and cold protection can enable significant increases in production levels.

Generally, prices used in the net return calculations were higher than in previous years. This was the most important factor that resulted in somewhat higher projected returns for 2011. Prices were higher because farmers' markets are increasing in number, more consumers are using those markets for a share of fresh produce needs, and consumers appear to be willing to pay the equivalent of retail prices for locally produced products.

With the assumptions we made about base price and yield, estimates of net returns are sufficient to cover direct costs of production, including hourly charges for all labor, for all crops. A majority of crop situations provided returns above direct expense in the range between \$1000.00 and \$2000.00 per acre. Crops with lower net return estimates were sweet potatoes, the less frequently purchased products such as pumpkins, and those with high labor requirements such as trellised crops. On the other hand, the risk represented by high technology production appears to pay well if expected production levels are met and markets are willing to take the volume of production implied. The budgets for these high technology situations, such as bell peppers, do not include the costs of cooling, handling and transportation.

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. These estimates of costs for selected operations that are more appropriate to an individual farm may be substituted for those shown in the budget to increase the accuracy of the cost estimate. Other inputs and costs may be substituted in a similar manner to tailor the budget to any individual producer's situation.

Table 1. Yields, prices, costs and returns for selected vegetable crops, Louisiana, 2011.

Crop	Yield and unit per acre	Budgeted 2010 price	Total direct expenses	Returns above direct expenses
				dollars per acre
Beans, Butter 1R	100 bu	30.00	1904.30	1095.70
Beans, Butter, mechanical harvest 1R	75 bu	30.00	1406.48	843.52
Beans, Snap 1R	150 bu	30.00	2019.31	2480.69
Beans, Snap, mechanical harvest 1R	100 bu	30.00	1443.32	1556.68
Broccoli 1R	300 boxes	20.00	3749.58	2250.42
Cabbage, fall 1R	600 50 lb sacks	9.00	2596.25	2803.75
Cabbage, spring 1R	600 50 lb sacks	9.00	4524.63	875.37
Cabbage, hybrid, double drilled, 6R	700 sacks	6.25	2827.55	1547.45
Cantaloupe 1R	2500 melons	2.00	1743.09	3256.91
Cantaloupe 1R, drip irrigated hybrid varieties	4000 melons	2.00	3539.52	4460.48
Cauliflower 1R	450 boxes	20.00	3763.65	5236.35
Corn, Sweet 1R	600 dozen	6.00	1644.79	1955.21
Cucumber 1R	300 boxes	14.00	2884.50	1315.50
Cucumber, hybrid, trellised 1R	500 boxes	14.00	4838.67	2161.33
Eggplant 1R	450 boxes	15.50	5554.53	1195.47
Eggplant, trellis, bare soil 1R	450 boxes	15.50	4353.24	1646.76
Eggplant, trellis, plastic mulch, irrigated 1R	600 boxes	15.50	7150.82	1849.18
Mustard 1R	600 dz. bunches	10.00	2291.48	3708.52
Okra 1R	240 boxes	25.00	3140.04	2859.96
Okra 1 R	500 boxes	25.00	6480.35	6019.55
Peas, Southern 1R	100 boxes	25.00	1495.31	1004.69
Peas, Southern, mechanical harvest 1R	75 bu	25.00	1259.06	615.94
Peppers, Bell 1R	900 boxes	14.00	7134.47	5465.53

Table 1 (continued).

Crop	Yield and unit per acre	Budgeted 2010 price	Total direct expense	Returns above direct expense
				dollars per acre
Peppers, Bell 4R	1800 boxes	13.00	12265.47	11134.53
Potatoes, Irish 1R	150 cwt	30.00	2064.88	2435.12
Sweetpotato, 1R	250 boxes	15.25	2305.11	1444.89
Sweetpotato, 6R, 2R riding harvester	250 boxes	18.25	2636.62	213.38
Pumpkins, fresh, irrigated 1R	170 cwt	12.00	1706.58	333.42
Shallots 1R	2000 dz bunches	4.50	4464.74	4535.26
Squash 1R	375 boxes	10.50	3242.73	507.27
Strawberries, plastic mulch, drip irrig, row covers 4R	2200 flats	13.00	20161.57	8438.43
Strawberries, plug plants, plastic mulch, drip irrig, hoop row covers 4R	3000 flats	16.00	32011.00	15989.00
Tomatoes, bare soil 1R	700 20 lb boxes	17.00	5424.82	6475.18
Tomato, plastic mulch 1R	900 20 lb boxes	17.00	8927.08	6372.92
Tomato, plastic mulch and drip fertigation 1R	1600 20 lb boxes	15.00	10164.44	13835.56
Tomato, greenhouse	920 15 lb boxes	25.50	16318.69	6681.31
Watermelon 1R	200 cwt	16.00	1615.24	1584.36
Watermelon, plastic mulch 1R	400 cwt	17.00	2578.99	4221.02

Table 2.A Estimated resource use and costs for field operations per acre, Beans, Butter, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Jan	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	2.00	Mar	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	2.39	1.74	0.83	1.24	0.64	7.08				13.28
Treflan	pt											1.2500	3.18	3.98	3.98
Dual	pt											1.5000	13.26	19.89	19.89
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											400.0000	0.45	180.00	180.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Planter 1R	3 ft	23	1.500	1.00	Apr	6.06	4.43	0.52	0.89	1.65	18.00				29.90
Butter bean seed	lb											60.0000	3.20	192.00	192.00
Other labor	hour			1.00	May							6.0000	9.60	57.60	57.60
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Basagran	pt											1.0000	12.16	12.16	12.16
Cultivator 1R	3 ft	23	1.530	1.00	May	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Acephate 90SP	lb											1.0000	13.17	13.17	13.17
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											1.5000	7.75	11.63	11.63
Acephate 90SP	lb											1.0000	13.17	13.17	13.17
Cultivator 1R	3 ft	23	1.530	1.00	May	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											1.0000	9.50	9.50	9.50
Quadris	oz											6.0000	3.00	18.00	18.00
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Capture	oz											4.5000	2.20	9.90	9.90
Quadris	oz											6.0000	3.00	18.00	18.00
Trailer small	8 ft	23	1.000	1.00	Jul	4.05	2.95	0.31	1.18	1.10	12.00				20.49
Harvest Labor	bu.											100.0000	8.00	800.00	800.00
Harvest container	each											8.0000	3.88	31.04	31.04
Bushel hampers	each											33.0000	3.00	99.00	99.00
Pickup truck	1/2 ton		1.000	5.00	Jul	51.56	34.85			5.00	54.55				140.96
Disk 2R	6 ft	43	0.570	2.00	Jul	9.58	6.24	1.12	1.67	1.25	13.68				32.29
TOTALS						119.06	82.27	18.85	27.07	19.99	218.11			1532.80	1998.16
INTEREST ON OPERATING CAPITAL															15.48
TOTAL SPECIFIED COST															2013.64

Table 2.B Summary of estimated costs per acre Beans, Butter, fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		210.68	1.0000	210.68	_____
FUNGICIDES		47.63	1.0000	47.63	_____
HERBICIDES		49.11	1.0000	49.11	_____
HIRED LABOR		57.60	1.0000	57.60	_____
INSECTICIDES		45.74	1.0000	45.74	_____
PACK & HARVEST ITEMS		130.04	1.0000	130.04	_____
SEED		192.00	1.0000	192.00	_____
HARVEST LABOR		800.00	1.0000	800.00	_____
Operator labor	hour	10.91	19.9930	218.11	_____
DIESEL FUEL	gal	3.25	6.2985	20.47	_____
GASOLINE	gal	3.00	24.6814	74.02	_____
REPAIR & MAINTENANCE		43.42	1.0000	43.42	_____
INTEREST ON OP. CAP.		15.48	1.0000	15.48	_____
TOTAL DIRECT EXPENSES				1904.30	_____
TOTAL FIXED EXPENSES				109.34	_____
TOTAL SPECIFIED EXPENSES				2013.64	_____

Table 2.C Effects of yields and prices on net returns per acre above total direct expenses, Beans, Butter, fresh market, one row equipment, average yield, Louisiana, 2011.

Yield (Bushels)	-----Price Per Bushel-----				
	24.00	27.00	30.00	33.00	36.00
	-----Net Returns Per Acre-----				
70	17.20	227.20	437.20	647.20	857.20
85	256.45	511.45	766.45	1021.45	1276.45
100	495.70	795.70	1095.70	1395.70	1695.70
115	734.95	1079.95	1424.95	1769.95	2114.95
130	974.20	1364.20	1754.20	2144.20	2534.20

Table 3.A Estimated resource use and costs for field operations per acre, Beans, Butter, shelled fresh market, one row equipment average yield, machine harvest, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Jan	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	2.00	Mar	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Disk & herb appl	2R 6 ft	23	0.590	1.00	Apr	2.39	1.74	0.83	1.24	0.64	7.08				13.28
Treflan	pt											1.2500	3.18	3.98	3.98
Dual	pt											1.5000	13.26	19.89	19.89
Hipper-fert dist	1R 3 ft	23	1.550	1.00	Apr	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											400.0000	0.45	180.00	180.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Conditioner, row	1R 6 ft	23	0.410	1.00	Apr	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Planter 1R	3 ft	23	1.500	1.00	Apr	6.06	4.43	0.52	0.89	1.65	18.00				29.90
Butter bean seed	lb											60.0000	3.20	192.00	192.00
Cultivator 1R	3 ft	23	1.530	1.00	May	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Basagran	pt											1.0000	12.16	12.16	12.16
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Acephate 90SP	lb											1.0000	13.17	13.17	13.17
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											1.5000	7.75	11.63	11.63
Acephate 90SP	lb											1.0000	13.17	13.17	13.17
Cultivator 1R	3 ft	23	1.530	1.00	May	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Acephate 90SP	lb											1.0000	13.17	13.17	13.17
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Capture	oz											4.5000	2.20	9.90	9.90
Quadris	oz											6.0000	3.00	18.00	18.00
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Capture	oz											4.5000	2.20	9.90	9.90
Quadris	oz											6.0000	3.00	18.00	18.00
Harvester, bean	1R 3 ft	75	1.000	1.00	Jul	13.00	7.29	8.03	13.24	1.10	12.00				53.56
Harvest sacks	each											30.0000	0.36	10.80	10.80
Other labor	hour			1.00	Jul							3.0000	9.60	28.80	28.80
Trailer utility	10 ft	23	1.000	1.00	Jul	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Other labor	hour											20.0000	9.60	192.00	192.00
plastic bag, sealing	each											50.0000	0.15	7.50	7.50
Pickup truck	1/2 ton		1.000	5.00	Jul	51.56	34.85			5.00	54.55				140.96
Disk 2R	6 ft	43	0.570	2.00	Jul	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Sheller, bean/pea	each			1.00	Jul				56.63			0.1000			56.63
Packing	acre							15.60		20.00	192.00	1.0000			207.60
TOTALS						132.82	90.12	43.38	98.03	41.30	424.39			797.83	1586.57
INTEREST ON OPERATING CAPITAL															8.06
TOTAL SPECIFIED COST															1594.63

Table 3.B Summary of estimated costs per acre Beans, Butter, shelled fresh market, one row equipment average yield, machine harvest, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		210.68	1.0000	210.68	_____
FUNGICIDES		47.63	1.0000	47.63	_____
HERBICIDES		49.11	1.0000	49.11	_____
HIRED LABOR		220.80	1.0000	220.80	_____
INSECTICIDES		59.31	1.0000	59.31	_____
PACK & HARVEST ITEMS		18.30	1.0000	18.30	_____
SEED		192.00	1.0000	192.00	_____
Hand Labor	hour	9.60	20.0000	192.00	_____
Operator labor	hour	10.91	21.3020	232.39	_____
DIESEL FUEL	gal	3.25	9.7985	31.85	_____
ELECTRICITY	kWh	0.14	50.0000	7.00	_____
GASOLINE	gal	3.00	24.8961	74.66	_____
REPAIR & MAINTENANCE		62.69	1.0000	62.69	_____
INTEREST ON OP. CAP.		8.06	1.0000	8.06	_____

TOTAL DIRECT EXPENSES				1406.48	_____
TOTAL FIXED EXPENSES				188.15	_____

TOTAL SPECIFIED EXPENSES				1594.63	_____

Table 3.C Effects of yields and prices on net returns per acre above total direct expenses, Beans, Butter, fresh market, one row equipment, machine harvest, Louisiana, 2011.

Yield (Bushels)	-----Price Per Bushel-----				
	24.00	27.00	30.00	33.00	36.00
	-----Net Returns Per Acre-----				
35	-560.48	-455.48	-350.48	-245.48	-140.48
55	-83.48	81.52	246.52	411.52	576.52
75	393.52	618.52	843.52	1068.52	1293.52
95	870.52	1155.52	1440.52	1725.52	2010.52
115	1347.52	1692.52	2037.52	2382.52	2727.52

Table 4A Estimated resource use and costs for field operations per acre, Beans, Snap, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Feb							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Feb	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	2.00	Mar	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Treflan	pt											1.2500	3.18	3.98	3.98
Dual	pt											1.5000	13.26	19.89	19.89
Disk 2R	6 ft	43	0.570	1.00	Mar	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											400.0000	0.45	180.00	180.00
Hipper 1R	3 ft	23	1.530	2.00	Mar	12.38	9.03	4.26	6.38	3.36	36.72				68.77
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Planter 1R	3 ft	23	1.500	1.00	Mar	6.06	4.43	0.52	0.89	1.65	18.00				29.90
Snap bean seeds	lb											40.0000	3.50	140.00	140.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Orthene	lb											0.5000	3.25	1.63	1.63
Bravo	pt											1.5000	7.75	11.63	11.63
Other labor	hour			1.00	Apr							6.0000	9.60	57.60	57.60
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Basagran	pt											1.0000	12.16	12.16	12.16
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Orthene	lb											0.5000	3.25	1.63	1.63
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											1.0000	9.50	9.50	9.50
Quadris	oz											6.0000	3.00	18.00	18.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Capture	oz											4.5000	2.20	9.90	9.90
Quadris	oz											6.0000	3.00	18.00	18.00
Trailer utility	10 ft	23	1.000	1.00	Jun	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	bu											150.0000	6.25	937.50	937.50
Harvest container	each											10.0000	3.88	38.80	38.80
Bushel hampers	each											50.0000	3.00	150.00	150.00
Pickup truck	1/2 ton		1.000	5.00	Jun	51.56	34.85			5.00	54.55				140.96
Disk 2R	6 ft	43	0.570	1.00	Jun	4.78	3.12	0.56	0.83	0.62	6.84				16.13
TOTALS						117.41	81.08	19.57	27.88	19.55	213.31			1653.98	2113.23
INTEREST ON OPERATING CAPITAL															15.04
TOTAL SPECIFIED COST															2128.27

Table 4.B Summary of estimated costs per acre, Beans, Snap, fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		210.68	1.0000	210.68	_____
FUNGICIDES		47.63	1.0000	47.63	_____
HERBICIDES		49.11	1.0000	49.11	_____
HIRED LABOR		57.60	1.0000	57.60	_____
INSECTICIDES		22.66	1.0000	22.66	_____
PACK & HARVEST ITEMS		188.80	1.0000	188.80	_____
SEED		140.00	1.0000	140.00	_____
HARVEST LABOR		937.50	1.0000	937.50	_____
Operator labor	hour	10.91	19.5530	213.31	_____
DIESEL FUEL	gal	3.25	6.2985	20.46	_____
GASOLINE	gal	3.00	24.2294	72.65	_____
REPAIR & MAINTENANCE		43.87	1.0000	43.87	_____
INTEREST ON OP. CAP.		15.04	1.0000	15.04	_____
TOTAL DIRECT EXPENSES				2019.31	_____
TOTAL FIXED EXPENSES				108.96	_____
TOTAL SPECIFIED EXPENSES				2128.27	_____

Table 4.C Effects of yields and prices on net returns per acre above total direct expenses, Bean, Snap, fresh market, one row equipment, average yield, Louisiana, 2011.

Yield (Bushel)	-----Price Per Bushel-----				
	24.00	27.00	30.00	33.00	36.00
	-----Net Returns Per Acre-----				
120	1102.19	1462.19	1822.19	2182.19	2542.19
135	1341.44	1746.44	2151.44	2556.44	2961.44
150	1580.69	2030.69	2480.69	2930.69	3380.69
165	1819.94	2314.94	2809.94	3304.94	3799.94
180	2059.19	2599.19	3139.19	3679.19	4219.19

Table 5.A Estimated resource use and costs for field operations per acre, Beans, Snap, fresh market, one row equipment, average yield, machine harvest, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Feb							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Feb	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	2.00	Mar	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Treflan	pt											1.2500	3.18	3.98	3.98
Dual	pt											1.5000	13.26	19.89	19.89
Disk 2R	6 ft	43	0.570	1.00	Mar	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											400.0000	0.45	180.00	180.00
Hipper 1R	3 ft	23	1.530	2.00	Mar	12.38	9.03	4.26	6.38	3.36	36.72				68.77
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Planter 1R	3 ft	23	1.500	1.00	Mar	6.06	4.43	0.52	0.89	1.65	18.00				29.90
Snap bean seeds	lb											60.0000	3.50	210.00	210.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Orthene	lb											0.5000	3.25	1.63	1.63
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Orthene	lb											0.5000	3.25	1.63	1.63
Bravo	pt											1.5000	7.75	11.63	11.63
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Basagran	pt											1.0000	12.16	12.16	12.16
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Capture	oz											4.5000	2.20	9.90	9.90
Quadris	oz											6.0000	3.00	18.00	18.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Capture	oz											4.5100	2.20	9.92	9.92
Quadris	oz											6.0000	3.00	18.00	18.00
Harvester, bean 1R	3 ft	75	1.000	1.00	Jun	13.00	7.29	8.03	13.24	1.10	12.00				53.56
Trailer utility	10 ft	23	1.000	1.00	Jun	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Packing				1.00	Jun										
Packing labor	hour											15.0000	9.60	144.00	144.00
Packing sacks	each											50.0000	0.60	30.00	30.00
Bushel hampers	each			1.00	Jun							100.0000	3.00	300.00	300.00
Pickup truck	1/2 ton		1.000	5.00	Jun	51.56	34.85			5.00	54.55				140.96
Fork lift			2.222	1.00	Jun	8.09	5.62			2.22	24.24				37.95
Disk 2R	6 ft	43	0.570	1.00	Jun	4.78	3.12	0.56	0.83	0.62	6.84				16.13
TOTALS						138.50	93.99	27.60	41.12	22.87	249.55			1014.50	1565.26
INTEREST ON OPERATING CAPITAL															13.17
TOTAL SPECIFIED COST															1578.43

Table 5.B Summary of estimated costs per acre, Beans, Snap, fresh market, one row equipment, average yield, machine harvest, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		210.68	1.0000	210.68	_____
FUNGICIDES		47.63	1.0000	47.63	_____
HERBICIDES		49.11	1.0000	49.11	_____
INSECTICIDES		23.08	1.0000	23.08	_____
PACK & HARVEST ITEMS		330.00	1.0000	330.00	_____
SEED		210.00	1.0000	210.00	_____
HARVEST LABOR		144.00	1.0000	144.00	_____
Operator labor	hour	10.91	22.8752	249.55	_____
DIESEL FUEL	gal	3.25	9.7985	31.84	_____
GASOLINE	gal	3.00	24.2294	72.65	_____
LP GAS	cu ft	2.64	2.4444	6.45	_____
REPAIR & MAINTENANCE		55.16	1.0000	55.16	_____
INTEREST ON OP. CAP.		13.17	1.0000	13.17	_____

TOTAL DIRECT EXPENSES				1443.32	_____
TOTAL FIXED EXPENSES				135.11	_____

TOTAL SPECIFIED EXPENSES				1578.43	_____

Table 5.C Effects of yields and prices on net returns per acre above total direct expenses, Beans, Snap, fresh market, one row equipment, machine harvest, Louisiana, 2011.

Yield (Bushel)	-----Price Per Bushel-----				
	24.00	27.00	30.00	33.00	36.00
	-----Net Returns Per Acre-----				
60	34.68	214.68	394.68	574.68	754.68
80	495.68	735.68	975.68	1215.68	1455.68
100	956.68	1256.68	1556.68	1856.68	2156.68
120	1417.68	1777.68	2137.68	2497.68	2857.68
140	1878.68	2298.68	2718.68	3138.68	3558.68

Table 6.A Estimated resource use and costs for field operations per acre, Broccoli, irrigated, transplanted, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jul							0.6670	46.00	30.68	30.68
Middle buster 1R	3 ft	23	1.530	1.00	Jul	6.19	4.52	0.67	1.01	1.68	18.36				30.75
Disk 2R	6 ft	43	0.570	2.00	Jul	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Disk & herb appl 2R	6 ft	23	0.590	1.00	Jul	2.39	1.74	0.83	1.24	0.64	7.08				13.28
Treflan	pt											1.0000	3.18	3.18	3.18
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jul	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											600.0000	0.45	270.00	270.00
Hipper 1R	3 ft	23	1.530	1.00	Aug	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Conditioner, row 1R	6 ft	23	0.410	1.00	Aug	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Trailer utility	10 ft	23	1.000	1.00	Aug	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Planting labor	hour											25.0000	9.60	240.00	240.00
Broccoli plants	100											100.0000	11.00	1100.00	1100.00
Other labor	hour			1.00	Aug							1.0000	9.60	9.60	9.60
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Thionex	pt											1.0000	4.60	4.60	4.60
Cultivate & fert 1R	3 ft	23	1.610	1.00	Sep	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.5000	18.00	27.00	27.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ambush	pt											0.2500	15.00	3.75	3.75
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											1.5000	7.75	11.63	11.63
Cultivate & fert 1R	3 ft	23	1.610	1.00	Oct	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.5000	18.00	27.00	27.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Dipel	pt											1.0000	4.56	4.56	4.56
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bifenthrin	oz											0.2500	1.50	0.38	0.38
Cultivate & fert 1R	3 ft	23	1.610	1.00	Nov	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.5000	18.00	27.00	27.00
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Avaunt	oz											3.5000	6.35	22.23	22.23
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Radiant	oz											8.0000	5.50	44.00	44.00
Dipel	pt											1.0000	4.56	4.56	4.56
Pickup truck	1/2 ton		1.000	5.00	Nov	51.56	34.85			5.00	54.55				140.96
Trailer small	8 ft	23	1.000	1.00	Nov	4.05	2.95	0.31	1.18	1.10	12.00				20.49
Harvest labor	hour											30.0000	9.60	288.00	288.00
Rubber bands	lb											1.0000	5.00	5.00	5.00
Harvest container	each											8.0000	3.88	31.04	31.04
Packing				1.00	Nov							8.0000	9.60	76.80	76.80
Packing labor	hour											300.0000	1.65	495.00	495.00
Packing boxes	each											30.0000	2.50	75.00	75.00
Ice	cwt														75.00
Disk 2R	6 ft	43	0.570	1.00	Nov	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Pack line/wet/small	each			1.00	Nov							0.1000			109.31
Packing	acre							6.56		109.31	30.00	1.0000			294.56
Irrigate	acre				Aug	0.24	0.19	40.46	50.63	0.34	3.38	1.0000		140.00	234.90
TOTALS						129.55	90.67	72.33	196.40	54.47	554.61			2954.09	3997.65
INTEREST ON OPERATING CAPITAL															39.00
TOTAL SPECIFIED COST															4036.65

Table 6.B Summary of estimated costs per acre, Broccoli, irrigated, transplanted, fresh market, one- row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		381.68	1.0000	381.68	_____
FUNGICIDES		11.63	1.0000	11.63	_____
HERBICIDES		16.26	1.0000	16.26	_____
HIRED LABOR		249.60	1.0000	249.60	_____
INSECTICIDES		84.08	1.0000	84.08	_____
PACK & HARVEST ITEMS		606.04	1.0000	606.04	_____
PLASTIC		140.00	1.0000	140.00	_____
PLANTS		1100.00	1.0000	1100.00	_____
HARVEST LABOR		364.80	1.0000	364.80	_____
Hand Labor	hour	9.60	30.0000	288.00	_____
Irrigation Labor	hour	9.60	0.2750	2.64	_____
Operator labor	hour	10.91	24.1971	263.97	_____
DIESEL FUEL	gal	3.25	3.7929	12.32	_____
ELECTRICITY	kWh	0.14	315.0000	44.10	_____
GASOLINE	gal	3.00	30.2749	90.80	_____
REPAIR & MAINTENANCE		54.66	1.0000	54.66	_____
INTEREST ON OP. CAP.		39.00	1.0000	39.00	_____

TOTAL DIRECT EXPENSES				3749.58	_____
TOTAL FIXED EXPENSES				287.07	_____

TOTAL SPECIFIED EXPENSES				4036.65	_____

Table 6.C 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, 2011.

Yield (Box)	-----Price Per Box-----				
	16.00	18.00	20.00	22.00	24.00
	-----Net Returns Per Acre-----				
180	-575.82	-215.82	144.18	504.18	864.18
240	237.30	717.30	1197.30	1677.30	2157.30
300	1050.42	1650.42	2250.42	2850.42	3450.42
360	1863.54	2583.54	3303.54	4023.54	4743.54
420	2676.66	3516.66	4356.66	5196.66	6036.66

Table 7.A Estimated resource use and costs for field operations per acre, Cabbage, fall, direct seeded, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jul							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	2.00	Jul	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Disk & herb appl	2R 6 ft	23	0.590	1.00	Jul	2.39	1.74	0.83	1.24	0.64	7.08				13.28
Treflan	pt											1.0000	3.18	3.18	3.18
Middle buster 1R	3 ft	23	1.530	1.00	Jul	6.19	4.52	0.67	1.01	1.68	18.36				30.75
Hipper-fert dist	1R 3 ft	23	1.550	1.00	Jul	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											600.0000	0.45	270.00	270.00
Hipper 1R	3 ft	23	1.530	2.00	Aug	12.38	9.03	4.26	6.38	3.36	36.72				68.77
Conditioner, row	1R 6 ft	23	0.410	1.00	Aug	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Planter 1R	3 ft	23	1.500	1.00	Aug	6.06	4.43	0.52	0.89	1.65	18.00				29.90
Cabbage seed	1000											1.0000	3.50	3.50	3.50
Other labor	hour			1.00	Aug							10.0000	9.60	96.00	96.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Confirm	oz											8.0000	2.00	16.00	16.00
Dipel	pt											1.0000	4.56	4.56	4.56
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert	1R 3 ft	23	1.610	1.00	Sep	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.5000	18.00	27.00	27.00
Cultivate & fert	1R 3 ft	23	1.610	1.00	Sep	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.0000	18.00	18.00	18.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Cultivate & fert	1R 3 ft	23	1.610	1.00	Oct	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.0000	18.00	18.00	18.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Spintor	oz											4.0000	5.34	21.36	21.36
Dipel	pt											1.0000	4.56	4.56	4.56
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ambush	pt											0.2500	15.00	3.75	3.75
Dipel	pt											1.0000	4.56	4.56	4.56
Buffer	pt											1.0000	2.00	2.00	2.00
Bravo	pt											1.5000	7.75	11.63	11.63
Trailer utility	10 ft	23	1.000	1.00	Dec	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	hour											84.0000	9.60	806.40	806.40
Packing				1.00	Dec										
Packing labor	hour											15.0000	9.60	144.00	144.00
Packing sacks	each											600.0000	0.60	360.00	360.00
Pickup truck	1/2 ton		1.000	10.00	Dec	103.13	69.71			10.00	109.10				281.94
Disk 2R	6 ft	43	0.570	2.00	Dec	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Irrigate	acre				Aug	0.24	0.19	40.46	50.63	0.34	3.38	1.0000		140.00	234.90
TOTALS						184.13	127.32	62.79	83.66	29.60	322.60			2002.26	2782.76
INTEREST ON OPERATING CAPITAL															24.47
TOTAL SPECIFIED COST															2807.23

Table 7.B Summary of estimated costs per acre, Cabbage (fall), direct seeded, irrigated, fresh market, row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		363.68	1.0000	363.68	_____
FUNGICIDES		27.63	1.0000	27.63	_____
HERBICIDES		16.26	1.0000	16.26	_____
HIRED LABOR		96.00	1.0000	96.00	_____
INSECTICIDES		44.79	1.0000	44.79	_____
PACK & HARVEST ITEMS		360.00	1.0000	360.00	_____
SEED		3.50	1.0000	3.50	_____
PLASTIC		140.00	1.0000	140.00	_____
HARVEST LABOR		950.40	1.0000	950.40	_____
Irrigation Labor	hour	9.60	0.2750	2.64	_____
Operator labor	hour	10.91	29.3291	319.96	_____
DIESEL FUEL	gal	3.25	5.0526	16.42	_____
ELECTRICITY	kWh	0.14	280.0000	39.20	_____
GASOLINE	gal	3.00	42.2664	126.78	_____
REPAIR & MAINTENANCE		64.52	1.0000	64.52	_____
INTEREST ON OP. CAP.		24.47	1.0000	24.47	_____

TOTAL DIRECT EXPENSES				2596.25	_____
TOTAL FIXED EXPENSES				210.98	_____

TOTAL SPECIFIED EXPENSES				2807.23	_____

Table 7.C 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, 2011.

Yield (sacks)	-----Price Per Sack-----				
	7.00	8.00	9.00	10.00	11.00
	-----Net Returns Per Acre-----				
400	496.55	896.55	1296.55	1696.55	2096.55
500	1050.15	1550.15	2050.15	2550.15	3050.15
600	1603.75	2203.75	2803.75	3403.75	4003.75
700	2157.35	2857.35	3557.35	4257.35	4957.35
800	2710.95	3510.95	4310.95	5110.95	5910.95

Table 8.A Estimated resource use and costs for field operations per acre, Cabbage, spring, transplant, irrigated, fresh market, one row equipment, average yield, Louisiana 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	2.00	Jan	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Sprayer, boom	12 ft	23	0.190	1.00	Jan	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Treflan	pt											1.2500	3.18	3.98	3.98
Disk 2R	6 ft	43	0.570	1.00	Jan	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Hipper-fert dist 1R 8-24-24	3 ft	23	1.550	1.00	Jan	6.27	4.57	3.70	5.53	1.70	18.60				38.67
Hipper 1R	3 ft	23	1.530	1.00	Jan	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Trailer utility	10 ft	23	1.000	1.00	Jan	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Cabbage plants	100											100.0000	10.20	1020.00	1020.00
Planting labor	hour											20.0000	9.60	192.00	192.00
Conditioner, row 1R	6 ft	23	0.410	1.00	Jan	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Cultivate & fert 1R	3 ft	23	1.610	1.00	Feb	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.0000	18.00	18.00	18.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Mar	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.0000	18.00	18.00	18.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Confirm	oz											8.0000	2.00	16.00	16.00
Dipel	pt											1.0000	4.56	4.56	4.56
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.0000	18.00	18.00	18.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Spintor	oz											4.0000	5.34	21.36	21.36
Dipel	pt											1.0000	4.56	4.56	4.56
Buffer	pt											1.0000	2.00	2.00	2.00
Bravo	pt											1.5000	7.75	11.63	11.63
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Spintor	oz											4.0000	5.34	21.36	21.36
Dipel	pt											1.0000	4.56	4.56	4.56
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	2.00	May	8.09	5.90	0.67	2.56	2.20	24.00				41.22
Harvest labor	hour											168.0000	9.60	1612.80	1612.80
Packing				1.00	May										
Packing labor	hour											15.0000	9.60	144.00	144.00
Packing sacks	each											600.0000	0.60	360.00	360.00
Pickup truck	1/2 ton		1.000	10.00	May	103.13	69.71			10.00	109.10				281.94
Middle buster 1R	3 ft	23	1.530	1.00	May	6.19	4.52	0.67	1.01	1.68	18.36				30.75
Hipper 1R	3 ft	23	1.530	1.00	May	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Irrigate	acre				Jan	0.24	0.19	40.46	50.63	0.34	3.38	1.0000		140.00	234.90
TOTALS						191.35	132.98	64.51	87.69	32.24	351.40			3872.49	4700.42
INTEREST ON OPERATING CAPITAL															44.88
TOTAL SPECIFIED COST															4745.30

Table 8.B Summary of estimated costs per acre, Cabbage, spring, transplant, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		309.68	1.0000	309.68	_____
FUNGICIDES		27.63	1.0000	27.63	_____
HERBICIDES		3.98	1.0000	3.98	_____
HIRED LABOR		192.00	1.0000	192.00	_____
INSECTICIDES		62.40	1.0000	62.40	_____
PACK & HARVEST ITEMS		360.00	1.0000	360.00	_____
PLASTIC		140.00	1.0000	140.00	_____
PLANTS		1020.00	1.0000	1020.00	_____
HARVEST LABOR		1756.80	1.0000	1756.80	_____
Irrigation Labor	hour	9.60	0.2750	2.64	_____
Operator labor	hour	10.91	31.9691	348.76	_____
DIESEL FUEL	gal	3.25	3.7929	12.32	_____
ELECTRICITY	kWh	0.14	280.0000	39.20	_____
GASOLINE	gal	3.00	45.6225	136.87	_____
REPAIR & MAINTENANCE		67.47	1.0000	67.47	_____
INTEREST ON OP. CAP.		44.88	1.0000	44.88	_____

TOTAL DIRECT EXPENSES				4524.63	_____
TOTAL FIXED EXPENSES				220.67	_____

TOTAL SPECIFIED EXPENSES				4745.30	_____

Table 8.C 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, 2011.

Yield (Sacks)	-----Price Per Sack-----				
	7.00	8.00	9.00	10.00	11.00
	-----Net Returns Per Acre-----				
400	-1417.43	-1017.43	-617.43	-217.43	182.57
500	-871.03	-371.03	128.97	628.97	1128.97
600	-324.63	275.37	875.37	1475.37	2075.37
700	221.77	921.77	1621.77	2321.77	3021.77
800	768.17	1568.17	2368.17	3168.17	3968.17

Table 9.A Estimated resource use and costs for field operations per acre, Cabbage, hybrid, double drilled seedbed, irrigated, fresh market, six-row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 6R	20 ft	150	0.100	2.00	Jul	5.64	3.87	2.91	4.36	0.22	2.40				19.18
Disk & herb appl	20 ft	150	0.100	1.00	Aug	2.82	1.94	1.67	2.50	0.11	1.20				10.13
Treflan	pt											1.0000	3.18	3.18	3.18
Fertilizer buggy	30 ft	105	0.060	1.00	Aug	0.12	0.55		0.34	0.06	0.72	700.0000	0.40	280.00	1.73
7-21-21	lb														280.00
Hipper 6R	20 ft	150	0.090	2.00	Aug	5.08	3.48	0.89	1.33	0.19	2.16				12.94
Planter, precision2R	4 unit	75	0.600	1.00	Aug	7.80	4.37	4.59	7.11	0.66	7.20				31.07
Cabbage seed	1000											0.7500	3.50	2.63	2.63
Other labor	hour			1.00	Aug							4.0000	9.60	38.40	38.40
Fertilizer applicatr	20 ft	105	0.090	1.00	Sep	0.18	0.82	0.42	0.63	0.09	1.08				3.13
Amm. Nitrate 34%	cwt											1.5000	18.00	27.00	27.00
Cultivator 6R	20 ft	150	0.100	1.00	Sep	2.82	1.94	0.58	0.87	0.11	1.20				7.41
Sprayer, boom	20 ft	105	0.120	1.00	Sep	2.11	1.09	1.10	1.23	0.13	1.44				6.97
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Fertilizer applicatr	20 ft	105	0.090	1.00	Sep	0.18	0.82	0.42	0.63	0.09	1.08				3.13
Amm. Nitrate 34%	cwt											1.5000	18.00	27.00	27.00
Cultivator 6R	20 ft	150	0.100	1.00	Sep	2.82	1.94	0.58	0.87	0.11	1.20				7.41
Sprayer, boom	20 ft	105	0.120	1.00	Sep	2.11	1.09	1.10	1.23	0.13	1.44				6.97
Confirm	oz											8.0000	2.00	16.00	16.00
Dipel	pt											1.0000	4.56	4.56	4.56
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	20 ft	105	0.120	1.00	Oct	2.11	1.09	1.10	1.23	0.13	1.44				6.97
Confirm	oz											8.0000	2.00	16.00	16.00
Dipel	pt											1.0000	4.56	4.56	4.56
Penncap M	pt											1.0000	5.12	5.12	5.12
Buffer	pt											1.0000	2.00	2.00	2.00
Fertilizer applicatr	20 ft	105	0.090	1.00	Oct	0.18	0.82	0.42	0.63	0.09	1.08				3.13
Amm. Nitrate 34%	cwt											1.5000	18.00	27.00	27.00
Cultivator 6R	20 ft	150	0.100	1.00	Oct	2.82	1.94	0.58	0.87	0.11	1.20				7.41
Sprayer, boom	20 ft	105	0.120	2.00	Oct	4.23	2.19	2.20	2.47	0.26	2.88				13.97
Confirm	oz											16.0000	2.00	32.00	32.00
Dipel	pt											2.0000	4.56	9.12	9.12
Bravo	pt											1.5000	7.75	11.63	11.63
Buffer	pt											2.0000	2.00	4.00	4.00
Sprayer, boom	20 ft	105	0.120	1.00	Nov	2.11	1.09	1.10	1.23	0.13	1.44				6.97
Confirm	oz											8.0000	2.00	16.00	16.00
Dipel	pt											1.0000	4.56	4.56	4.56
Bravo	pt											0.7500	7.75	5.81	5.81
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	20 ft	105	0.120	1.00	Nov	2.11	1.09	1.10	1.23	0.13	1.44				6.97
Ambush	pt											0.2500	15.00	3.75	3.75
Dipel	pt											1.0000	4.56	4.56	4.56
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Nov	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	hour											12.0000	9.60	115.20	115.20
Packing labor	hour											8.0000	9.60	76.80	76.80
Packing sacks	each											175.0000	0.60	105.00	105.00
Trailer utility	10 ft	23	1.000	2.00	Dec	8.09	5.90	0.67	2.56	2.20	24.00				41.22
Harvest labor	hour											72.0000	9.60	691.20	691.20
Packing labor	hour											30.0000	9.60	288.00	288.00
Packing sacks	each											1050.0000	0.60	630.00	630.00
Disk 6R	20 ft	150	0.100	1.00	Dec	2.82	1.94	1.46	2.18	0.11	1.20				9.60
Irrigate	acre				Aug	0.24	0.19	40.46	50.63	0.34	3.38	1.0000		140.00	234.90
TOTALS						60.44	41.11	63.68	85.41	6.55	71.18			2610.16	2931.98
INTEREST ON OPERATING CAPITAL															22.09
TOTAL SPECIFIED COST															2954.07

Table 9.B Summary of estimated costs per bu, Cabbage, hybrid, double drilled seedbed, irrigated, fresh market, six-row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	bu	361.00	1.0000	361.00	_____
FUNGICIDES	bu	97.44	1.0000	97.44	_____
HERBICIDES	bu	16.26	1.0000	16.26	_____
HIRED LABOR	bu	38.40	1.0000	38.40	_____
INSECTICIDES	bu	48.23	1.0000	48.23	_____
PACK & HARVEST ITEMS	bu	735.00	1.0000	735.00	_____
SEED	bu	2.63	1.0000	2.63	_____
PLASTIC	bu	140.00	1.0000	140.00	_____
HARVEST LABOR	bu	1171.20	1.0000	1171.20	_____
Irrigation Labor	hour	9.60	0.2750	2.64	_____
Operator labor	hour	10.91	6.2831	68.54	_____
DIESEL FUEL	gal	3.25	12.6142	41.00	_____
ELECTRICITY	kWh	0.14	280.0000	39.20	_____
GASOLINE	gal	3.00	3.4465	10.34	_____
REPAIR & MAINTENANCE	bu	33.58	1.0000	33.58	_____
INTEREST ON OP. CAP.	bu	22.09	1.0000	22.09	_____

TOTAL DIRECT EXPENSES				2827.55	_____
TOTAL FIXED EXPENSES				126.52	_____

TOTAL SPECIFIED EXPENSES				2954.07	_____

Table 9.C Effects of yields and prices on net returns per acre above total direct expenses, Cabbage, hybrid, direct seeded, fresh market, double drilled seedbed, irrigated, six-row equipment, Louisiana, 2011.

Yield (Sacks)	-----Price Per Sack-----				
	4.75	5.50	6.25	7.00	7.75
	-----Net Returns Per Acre-----				
400	102.05	402.05	702.05	1002.05	1302.05
550	299.75	712.25	1124.75	1537.25	1949.75
700	497.45	1022.45	1547.45	2072.45	2597.45
850	695.15	1332.65	1970.15	2607.65	3245.15
1000	892.85	1642.85	2392.85	3142.85	3892.85

Table 10.A Estimated resource use and costs for field operations per acre, Cantaloupes, hybrid, irrigated, local fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Jan	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	2.00	Mar	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											500.0000	0.45	225.00	225.00
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Planter 1R	3 ft	23	1.500	1.00	Apr	6.06	4.43	0.52	0.89	1.65	18.00				29.90
Cantaloupe seed	1000											2.0000	47.95	95.90	95.90
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Curbit	pt											3.0000	6.30	18.90	18.90
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Thionex	pt											1.0000	4.60	4.60	4.60
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.0000	18.00	18.00	18.00
Middle buster 1R	3 ft	0	1.530	1.00	Apr			0.67	1.01						1.68
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											0.6000	9.50	5.70	5.70
Bravo	pt											1.5000	7.75	11.63	11.63
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Quadris	oz											8.0000	3.00	24.00	24.00
Other labor	hour			1.00	May							8.0000	9.60	76.80	76.80
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Quadris	oz											8.0000	3.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											2.5000	7.75	19.38	19.38
Capture	oz											4.0000	2.20	8.80	8.80
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											1.5000	7.75	11.63	11.63
Capture	oz											4.0000	2.20	8.80	8.80
Harvest labor	hour			1.00	Jul							50.0000	9.60	480.00	480.00
Harvest container	each											8.0000	3.88	31.04	31.04
Pickup truck	1/2 ton		1.000	10.00	Jul	103.13	69.71			10.00	109.10				281.94
Shredder 1R	5 ft	23	0.740	1.00	Jul	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Middle buster 1R	3 ft	23	1.530	1.00	Jul	6.19	4.52	0.67	1.01	1.68	18.36				30.75
Irrigate	acre				Apr	0.24	0.19	40.46	50.63	0.34	3.38	1.0000		140.00	234.90
TOTALS						159.70	109.92	59.64	77.44	23.65	257.68			1247.94	1912.32
INTEREST ON OPERATING CAPITAL															18.13
TOTAL SPECIFIED COST															1930.45

Table 10.B Summary of estimated costs per acre Cantaloupes, hybrid, irrigated local fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		273.68	1.0000	273.68	_____
FUNGICIDES		90.64	1.0000	90.64	_____
HERBICIDES		31.98	1.0000	31.98	_____
HIRED LABOR		76.80	1.0000	76.80	_____
INSECTICIDES		27.90	1.0000	27.90	_____
PACK & HARVEST ITEMS		31.04	1.0000	31.04	_____
SEED		95.90	1.0000	95.90	_____
PLASTIC		140.00	1.0000	140.00	_____
HARVEST LABOR		480.00	1.0000	480.00	_____
Irrigation Labor	hour	9.60	0.2750	2.64	_____
Operator labor	hour	10.91	23.3781	255.04	_____
DIESEL FUEL	gal	3.25	3.7929	12.32	_____
ELECTRICITY	kWh	0.14	280.0000	39.20	_____
GASOLINE	gal	3.00	36.7972	110.36	_____
REPAIR & MAINTENANCE		57.46	1.0000	57.46	_____
INTEREST ON OP. CAP.		18.13	1.0000	18.13	_____

TOTAL DIRECT EXPENSES				1743.09	_____
TOTAL FIXED EXPENSES				187.36	_____

TOTAL SPECIFIED EXPENSES				1930.45	_____

Table 10.C Effects of yields and prices on net returns per acre above total direct expenses, Cantaloupes, hybrid, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

Yield (Melon)	-----Price Per Melon-----				
	1.50	1.75	2.00	2.25	2.50
	-----Net Returns Per Acre-----				
1500	794.91	1169.91	1544.91	1919.91	2294.91
2000	1400.91	1900.91	2400.91	2900.91	3400.91
2500	2006.91	2631.91	3256.91	3881.91	4506.91
3000	2612.91	3362.91	4112.91	4862.91	5612.91
3500	3218.91	4093.91	4968.91	5843.91	6718.91

Table 11.A Estimated resource use and costs for field operations, per acre Cantaloupes, fresh local market, hybrid, fertigated under plastic mulch, one row equipment, high yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Jan	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	2.00	Mar	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											500.0000	0.45	225.00	225.00
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Plastic layer	5 ft	23	1.500	1.00	Apr	6.06	4.43	2.70	5.93	4.65	50.73				69.85
Plastic 54"	roll											3.0000	120.00	360.00	360.00
T-tape, drip irrig.	roll											2.0000	147.50	295.00	295.00
Other labor	hour											10.0000	9.60	96.00	96.00
Trailer utility	10 ft	23	1.000	1.00	Apr	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Cantaloupes plants	100											50.0000	11.00	550.00	550.00
Other labor	hour											10.0000	9.60	96.00	96.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Curbit	pt											3.0000	6.30	18.90	18.90
CaNO3, water sol.	lb			1.00	Apr							50.0000	0.80	40.00	40.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Thionex	pt											1.0000	4.60	4.60	4.60
CaNO3, water sol.	lb			1.00	Apr							200.0000	0.80	160.00	160.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Middle buster 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	0.67	1.01	1.68	18.36				30.75
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											0.6000	9.50	5.70	5.70
Bravo	pt											1.5000	7.75	11.63	11.63
CaNO3, water sol.	lb			1.00	May							50.0000	0.80	40.00	40.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Quadris	oz											8.0000	3.00	24.00	24.00
Other labor	hour			1.00	May							8.0000	9.60	76.80	76.80
CaNO3, water sol.	lb			1.00	May							50.0000	0.80	40.00	40.00
CaNO3, water sol.	lb			1.00	May							50.0000	0.80	40.00	40.00
CaNO3, water sol.	lb			1.00	May							50.0000	0.80	40.00	40.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Quadris	oz											8.0000	3.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											2.5000	7.75	19.38	19.38
Bifenthrin	oz											4.0000	1.50	6.00	6.00
CaNO3, water sol.	lb			1.00	Jun							50.0000	0.80	40.00	40.00
CaNO3, water sol.	lb			1.00	Jun							50.0000	0.80	40.00	40.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											1.5000	7.75	11.63	11.63
Bifenthrin	oz											4.0000	1.50	6.00	6.00
CaNO3, water sol.	lb			1.00	Jun							50.0000	0.80	40.00	40.00
Harvest labor	hour			1.00	Jul							50.0000	9.60	480.00	480.00
Harvest container	each											8.0000	3.88	31.04	31.04
Pickup truck	1/2 ton		1.000	10.00	Jul	103.13	69.71			10.00	109.10				281.94
Shredder 1R	5 ft	23	0.740	1.00	Jul	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Middle buster 1R	3 ft	23	1.530	1.00	Jul	6.19	4.52	0.67	1.01	1.68	18.36				30.75
Irrigate	acre				Apr			63.40	45.04	6.40	61.44	1.0000			169.88
TOTALS						169.37	116.97	84.59	77.42	35.40	377.87			2865.44	3691.66
INTEREST ON OPERATING CAPITAL															41.41
TOTAL SPECIFIED COST															3733.95

Table 11.B Summary of estimated costs per acre, Cantaloupes, fresh local market, hybrid, fertigated under plastic mulch, one row equipment, high yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	bu	735.68	1.0000	735.68	_____
FUNGICIDES	bu	90.64	1.0000	90.64	_____
HERBICIDES	bu	31.98	1.0000	31.98	_____
HIRED LABOR	bu	268.80	1.0000	268.80	_____
INSECTICIDES	bu	22.30	1.0000	22.30	_____
PACK & HARVEST ITEMS	bu	31.04	1.0000	31.04	_____
STAKES & TWINE	bu	295.00	1.0000	295.00	_____
PLASTIC	bu	360.00	1.0000	360.00	_____
PLANTS	bu	550.00	1.0000	550.00	_____
HARVEST LABOR	bu	480.00	1.0000	480.00	_____
Irrigation Labor	hour	9.60	6.4000	61.44	_____
Operator labor	hour	10.91	29.0050	316.43	_____
DIESEL FUEL	gal	3.25	3.7791	12.28	_____
ELECTRICITY	kWh	0.14	454.4000	63.60	_____
GASOLINE	gal	3.00	39.5092	118.50	_____
REPAIR & MAINTENANCE	bu	60.46	1.0000	60.46	_____
INTEREST ON OP. CAP.	bu	41.41	1.0000	41.41	_____

TOTAL DIRECT EXPENSES				3539.56	_____
TOTAL FIXED EXPENSES				194.39	_____

TOTAL SPECIFIED EXPENSES				3733.95	_____

Table 11.C Effects of yields and prices on net returns per acre above total direct expenses, Cantaloupes, hybrid, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

Yield (Melon)	-----Price Per Melon-----				
	1.50	1.75	2.00	2.25	2.50
	-----Net Returns Per Acre-----				
2500	642.48	1267.48	1892.48	2517.48	3142.48
3250	1551.48	2363.98	3176.48	3988.98	4801.48
4000	2460.48	3460.48	4460.48	5460.48	6460.48
4750	3369.48	4556.98	5744.48	6931.98	8119.48
5500	4278.48	5653.48	7028.48	8403.48	9778.48

Table 12.A Estimated resource use and costs for field operations per acre, Cauliflower, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jul							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Jul	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	1.00	Aug	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk & herb appl 2R	6 ft	23	0.590	1.00	Aug	2.39	1.74	0.83	1.24	0.64	7.08				13.28
Treflan	pt											1.2500	3.18	3.98	3.98
Hipper 1R	3 ft	23	1.530	1.00	Aug	6.19	4.52	2.13	3.19	1.68	18.36				34.39
13-13-13	lb											800.0000	0.32	256.00	256.00
Hipper 1R	3 ft	23	1.530	1.00	Aug	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Trailer utility	10 ft	23	1.000	1.00	Aug	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Planting labor	hour											20.0000	9.60	192.00	192.00
Cauliflower plants	100											100.0000	10.00	1000.00	1000.00
Other labor	hour			1.00	Aug							4.0000	9.60	38.40	38.40
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Confirm	oz											8.0000	2.00	16.00	16.00
Dipel	pt											1.0000	4.56	4.56	4.56
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Cultivator 1R	3 ft	23	1.530	1.00	Oct	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Confirm	oz											8.0000	2.00	16.00	16.00
Dipel	pt											1.0000	4.56	4.56	4.56
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Solubore	lb											1.0000	1.10	1.10	1.10
Sodium Molybdate	lb											0.2500	20.00	5.00	5.00
Aliette	lb											4.0000	12.60	50.40	50.40
Cultivator 1R	3 ft	23	1.530	1.00	Oct	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											1.5000	7.75	11.63	11.63
Spintor	oz											4.0000	5.34	21.36	21.36
Blanching labor	hour			1.00	Nov							15.0000	9.60	144.00	144.00
Trailer utility	10 ft	23	1.000	2.00	Nov	8.09	5.90	0.67	2.56	2.20	24.00				41.22
Harvest labor	hour											60.0000	9.60	576.00	576.00
Packing				1.00	Nov										
Packing labor	hour											11.0000	9.60	105.60	105.60
Packing boxes	each											300.0000	1.80	540.00	540.00
Pickup truck	1/2 ton		1.000	10.00	Nov	103.13	69.71			10.00	109.10				281.94
Disk 2R	6 ft	43	0.570	1.00	Nov	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Irrigate	acre				Aug	0.24	0.19	46.21	50.63	5.16	49.70	1.0000		140.00	286.97
TOTALS						166.99	115.25	62.82	76.19	30.45	325.60			3174.35	3921.20
INTEREST ON OPERATING CAPITAL															33.89
TOTAL SPECIFIED COST															3955.09

Table 12.B Summary of estimated costs per acre, Cauliflower, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	ac	292.78	1.0000	292.78	_____
FUNGICIDES	ac	94.03	1.0000	94.03	_____
HERBICIDES	ac	17.06	1.0000	17.06	_____
HIRED LABOR	ac	374.40	1.0000	374.40	_____
INSECTICIDES	ac	34.48	1.0000	34.48	_____
PACK & HARVEST ITEMS	ac	540.00	1.0000	540.00	_____
PLASTIC	ac	140.00	1.0000	140.00	_____
PLANTS	ac	1000.00	1.0000	1000.00	_____
HARVEST LABOR	ac	681.60	1.0000	681.60	_____
Irrigation Labor	hour	9.60	5.1000	48.96	_____
Operator labor	hour	10.91	25.3581	276.64	_____
DIESEL FUEL	gal	3.25	3.7929	12.31	_____
ELECTRICITY	kWh	0.14	320.0000	44.80	_____
GASOLINE	gal	3.00	38.8312	116.49	_____
REPAIR & MAINTENANCE	ac	56.21	1.0000	56.21	_____
INTEREST ON OP. CAP.	ac	33.89	1.0000	33.89	_____

TOTAL DIRECT EXPENSES				3763.65	_____
TOTAL FIXED EXPENSES				191.44	_____

TOTAL SPECIFIED EXPENSES				3955.09	_____

Table 12.C Effects of yields and prices on net returns per acre above total direct expenses, Cauliflower, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

Yield (Boxes)	-----Price Per Box-----				
	16.00	18.00	20.00	22.00	24.00
	-----Net Returns Per Acre-----				
330	1877.17	2537.17	3197.17	3857.17	4517.17
390	2656.76	3436.76	4216.76	4996.76	5776.76
450	3436.35	4336.35	5236.35	6136.35	7036.35
510	4215.94	5235.94	6255.94	7275.94	8295.94
570	4995.53	6135.53	7275.53	8415.53	9555.53

Table 13.A Estimated resource use and costs for field operations per acre, Corn, Sweet, hybrid, fresh market, irrigated, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Feb							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Feb	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Fertilizer buggy	30 ft	105	0.060	1.00	Mar	0.12	0.55		0.34	0.06	0.72				1.73
13-13-13	lb											750.0000	0.32	240.00	240.00
Disk 2R	6 ft	43	0.570	2.00	Mar	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Planter & herb 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	0.94	1.61	1.68	18.36				31.62
Sweet corn seed	lb											12.0000	10.00	120.00	120.00
Lorsban 4E	pt											4.0000	6.20	24.80	24.80
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Lasso	qt											6.0000	6.60	39.60	39.60
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.5000	18.00	27.00	27.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ambush	pt											0.5600	15.00	8.40	8.40
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ambush	pt											0.5600	15.00	8.40	8.40
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.5000	18.00	27.00	27.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ambush	pt											0.5600	15.00	8.40	8.40
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ambush	pt											0.5600	15.00	8.40	8.40
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ambush	pt											0.5600	15.00	8.40	8.40
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ambush	pt											0.5600	15.00	8.40	8.40
Trailer utility	10 ft	23	1.000	1.00	Jun	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	hour											20.0000	9.60	192.00	192.00
Packing				1.00	Jun										
Packing labor	hour											10.0000	9.60	96.00	96.00
Packing sacks	each											139.0000	0.60	83.40	83.40
Pickup truck	1/2 ton		1.000	12.60	Jun	129.94	87.83			12.60	137.47				355.24
Shredder 1R	5 ft	23	0.740	1.00	Jun	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Disk 2R	6 ft	43	0.570	1.00	Jul	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Irrigate	acre				Mar	0.24	0.19	40.46	50.63	0.34	3.38	1.0000		140.00	234.90
TOTALS						195.08	134.37	58.49	77.26	27.93	304.41			1070.88	1840.49
INTEREST ON OPERATING CAPITAL															15.93
TOTAL SPECIFIED COST															1856.42

Table 13.B Summary of estimated costs per acre Corn, Sweet, hybrid, fresh market, irrigated, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		324.68	1.0000	324.68	_____
HERBICIDES		39.60	1.0000	39.60	_____
INSECTICIDES		75.20	1.0000	75.20	_____
PACK & HARVEST ITEMS		83.40	1.0000	83.40	_____
SEED		120.00	1.0000	120.00	_____
PLASTIC		140.00	1.0000	140.00	_____
HARVEST LABOR		288.00	1.0000	288.00	_____
Irrigation Labor	hour	9.60	0.2750	2.64	_____
Operator labor	hour	10.91	27.6611	301.77	_____
DIESEL FUEL	gal	3.25	5.0526	16.41	_____
ELECTRICITY	kWh	0.14	280.0000	39.20	_____
GASOLINE	gal	3.00	44.3142	132.93	_____
REPAIR & MAINTENANCE		65.03	1.0000	65.03	_____
INTEREST ON OP. CAP.		15.93	1.0000	15.93	_____

TOTAL DIRECT EXPENSES				1644.79	_____
TOTAL FIXED EXPENSES				211.63	_____

TOTAL SPECIFIED EXPENSES				1856.42	_____

Table 13.C 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, 2011.

Yield (Sacks)	-----Price Per Sack -----				
	5.00	5.50	6.00	6.50	7.00
	-----Net Returns Per Acre-----				
400	552.01	752.01	952.01	1152.01	1352.01
500	953.61	1203.61	1453.61	1703.61	1953.61
600	1355.21	1655.21	1955.21	2255.21	2555.21
700	1756.81	2106.81	2456.81	2806.81	3156.81
800	2158.41	2558.41	2958.41	3358.41	3758.41

Table 14.A Estimated resource use and costs for field operations per acre, Cucumber, hybrid, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Jan	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	2.00	Mar	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Middle buster 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	0.67	1.01	1.68	18.36				30.75
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											500.0000	0.45	225.00	225.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Planter 1R	3 ft	23	1.500	1.00	Apr	6.06	4.43	0.52	0.89	1.65	18.00				29.90
Cucumber	1000											1.0000	10.00	10.00	10.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Curbit	pt											3.0000	6.30	18.90	18.90
Other labor	hour			1.00	Apr							10.0000	9.60	96.00	96.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Thionex	pt											1.0000	4.60	4.60	4.60
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.0000	18.00	18.00	18.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Quadris	oz											8.0000	3.00	24.00	24.00
Capture	oz											4.5000	2.20	9.90	9.90
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Quadris	oz											8.0000	3.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Capture	oz											4.5000	2.20	9.90	9.90
Bravo	pt											1.5000	7.75	11.63	11.63
Other labor	hour			1.00	May							8.0000	9.60	76.80	76.80
Cultivator 1R	3 ft	23	1.530	1.00	May	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Capture	oz											4.5000	2.20	9.90	9.90
Bravo	pt											1.5000	7.75	11.63	11.63
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Harvest labor	bu											300.0000	1.50	450.00	450.00
Harvest container	each											8.0000	3.88	31.04	31.04
Packing				1.00	Jun										
Packing labor	hour											30.0000	9.60	288.00	288.00
Packing boxes	each											300.0000	1.80	540.00	540.00
Pickup truck	1/2 ton		1.000	10.00	Jun	103.13	69.71			10.00	109.10				281.94
Shredder 1R	5 ft	23	0.740	1.00	Jun	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Disk 2R	6 ft	43	0.570	2.00	Jul	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Pack line/wet/small	each			1.00	Jun					109.31		0.1000			109.31
Packing	acre							6.56		30.00	288.00	1.0000			294.56
Irrigate	acre				Mar	0.24	0.19	40.46	50.63	0.34	3.38	1.0000		140.00	234.90
TOTALS						175.47	120.68	68.13	189.63	56.59	577.72			2043.06	3174.69
INTEREST ON OPERATING CAPITAL															20.12
TOTAL SPECIFIED COST															3194.81

Table 14.B Summary of estimated costs per acre, Cucumber, hybrid, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		273.68	1.0000	273.68	_____
FUNGICIDES		71.26	1.0000	71.26	_____
HERBICIDES		31.98	1.0000	31.98	_____
HIRED LABOR		172.80	1.0000	172.80	_____
INSECTICIDES		34.30	1.0000	34.30	_____
PACK & HARVEST ITEMS		571.04	1.0000	571.04	_____
SEED		10.00	1.0000	10.00	_____
PLASTIC		140.00	1.0000	140.00	_____
HARVEST LABOR		738.00	1.0000	738.00	_____
Hand Labor	hour	9.60	30.0000	288.00	_____
Irrigation Labor	hour	9.60	0.2750	2.64	_____
Operator labor	hour	10.91	26.3151	287.08	_____
DIESEL FUEL	gal	3.25	6.3123	20.51	_____
ELECTRICITY	kWh	0.14	315.0000	44.10	_____
GASOLINE	gal	3.00	38.5261	115.55	_____
REPAIR & MAINTENANCE		63.44	1.0000	63.44	_____
INTEREST ON OP. CAP.		20.12	1.0000	20.12	_____

TOTAL DIRECT EXPENSES				2884.50	_____
TOTAL FIXED EXPENSES				310.31	_____

TOTAL SPECIFIED EXPENSES				3194.81	_____

Table 14.C 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, 2011.

Yield (Boxes)	-----Price Per Box-----				
	11.00	12.50	14.00	15.50	17.00
	-----Net Returns Per Acre-----				
200	-354.50	-54.50	245.50	545.50	845.50
250	30.50	405.50	780.50	1155.50	1530.50
300	415.50	865.50	1315.50	1765.50	2215.50
350	800.50	1325.50	1850.50	2375.50	2900.50
400	1185.50	1785.50	2385.50	2985.50	3585.50

Table 15.A Estimated resource use and costs for field operations per acre, Cucumber, hybrid, trellis, skip row, fresh market, one row equipment, irrigated, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	3.00	Feb	14.36	9.36	1.67	2.50	1.88	20.52				48.41
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Feb	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											600.0000	0.45	270.00	270.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Planter 1R	3 ft	23	1.500	1.00	Mar	6.06	4.43	0.52	0.89	1.65	18.00				29.90
Cucumber	1000											1.0000	10.00	10.00	10.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Curbit	pt											3.5000	6.30	22.05	22.05
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.5000	18.00	27.00	27.00
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Ambush	pt											1.0000	15.00	15.00	15.00
Buffer	pt											2.0000	2.00	4.00	4.00
Trailer utility	10 ft	23	1.000	1.00	Apr	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Stake replacement	100											10.0000	15.00	150.00	150.00
Twine, poly	roll											3.0000	4.50	13.50	13.50
Other labor	hour											30.0000	9.60	288.00	288.00
Tape	roll			1.00	Apr							3.0000	0.80	2.40	2.40
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ambush	pt											0.5000	15.00	7.50	7.50
Bravo	pt											1.5000	7.75	11.63	11.63
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Twine, poly	roll			1.00	Apr							3.0000	4.50	13.50	13.50
Other labor	hour											10.0000	9.60	96.00	96.00
Other labor	hour			1.00	Apr							14.0000	9.60	134.40	134.40
Tape	roll											5.0000	0.80	4.00	4.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ambush	pt											0.5000	15.00	7.50	7.50
Bravo	pt											0.5000	7.75	3.88	3.88
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	9.60	96.00	96.00
Other labor	hour			1.00	Apr							10.0000	9.60	96.00	96.00
Tape	roll											3.0000	0.80	2.40	2.40
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Quadris	oz											8.0000	3.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Twine, poly	roll			1.00	May							10.0000	4.50	45.00	45.00
Other labor	hour											3.0000	9.60	28.80	28.80
Other labor	hour			1.00	May							6.0000	9.60	57.60	57.60
Tape	roll											2.0000	0.80	1.60	1.60
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Capture	oz											4.5000	2.20	9.90	9.90
Bravo	pt											0.5000	7.75	3.88	3.88
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Quadris	oz											8.0000	3.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	2.00	Jun	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Capture	oz											9.0000	2.20	19.80	19.80
Bravo	pt											3.0000	7.75	23.25	23.25
Buffer	pt											2.0000	2.00	4.00	4.00
Trailer utility	10 ft	23	1.000	1.00	Jun	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	hour											65.0000	9.60	624.00	624.00
Harvest container	each											8.0000	3.88	31.04	31.04
Packing				1.00	Jun										
Packing labor	hour											15.0000	9.60	144.00	144.00
Packing boxes	each											250.0000	1.80	450.00	450.00
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											0.6000	9.50	5.70	5.70
Bravo	pt											1.5000	7.75	11.63	11.63
Trailer utility	10 ft	23	1.000	1.00	Jul	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	hour											55.0000	9.60	528.00	528.00
Packing				1.00	Jul										
Packing labor	hour											15.0000	9.60	144.00	144.00
Packing boxes	each											190.0000	1.80	342.00	342.00
Trailer utility	10 ft	23	1.000	1.00	Jul	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Other labor	hour											15.0000	9.60	144.00	144.00
Disk 2R	6 ft	43	0.570	2.00	Jul	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Pack line/wet/small	each			1.00	Jun										109.31
Packing	acre							6.56				0.1000			294.56
Irrigate	acre				Mar	0.24	0.19	40.46	50.63	0.34	3.38	1.0000		140.00	234.90
TOTALS						80.77	57.10	71.52	195.91	48.87	493.58			4144.22	5043.10
INTEREST ON OPERATING CAPITAL															48.58
TOTAL SPECIFIED COST															5091.68

Table 15.B Summary of estimated costs per acre, Cucumber, hybrid, trellis skip row, fresh market, one row equipment, irrigated, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		327.68	1.0000	327.68	_____
FUNGICIDES		102.27	1.0000	102.27	_____
HERBICIDES		35.13	1.0000	35.13	_____
HIRED LABOR		940.80	1.0000	940.80	_____
INSECTICIDES		79.40	1.0000	79.40	_____
PACK & HARVEST ITEMS		823.04	1.0000	823.04	_____
SEED		10.00	1.0000	10.00	_____
STAKES & TWINE		235.50	1.0000	235.50	_____
PLASTIC		140.00	1.0000	140.00	_____
HARVEST LABOR		1440.00	1.0000	1440.00	_____
OTHER		10.40	1.0000	10.40	_____
Hand Labor	hour	9.60	30.0000	288.00	_____
Irrigation Labor	hour	9.60	0.2750	2.64	_____
Operator labor	hour	10.91	18.6031	202.94	_____
DIESEL FUEL	gal	3.25	6.3123	20.51	_____
ELECTRICITY	kWh	0.14	315.0000	44.10	_____
GASOLINE	gal	3.00	15.8765	47.60	_____
REPAIR & MAINTENANCE		40.08	1.0000	40.08	_____
INTEREST ON OP. CAP.		48.58	1.0000	48.58	_____

TOTAL DIRECT EXPENSES				4838.67	_____
TOTAL FIXED EXPENSES				253.01	_____

TOTAL SPECIFIED EXPENSES				5091.68	_____

Table 15.C Effects of yields and prices on net returns per acre above total direct expenses, Cucumber, trellis, hybrid, skip row, fresh market, one row equipment, irrigated, production Louisiana, 2011.

Yield (Boxes)	-----Price Per Box-----				
	11.00	12.50	14.00	15.50	17.00
	-----Net Returns Per Acre-----				
300	-811.47	-361.47	88.53	538.53	988.53
400	-75.07	524.93	1124.93	1724.93	2324.93
500	661.33	1411.33	2161.33	2911.33	3661.33
600	1397.73	2297.73	3197.73	4097.73	4997.73
700	2134.13	3184.13	4234.13	5284.13	6334.13

Table 16.A Estimated resource use and costs for field operations, per acre, Eggplant, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Jan	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	2.00	Mar	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											600.0000	0.45	270.00	270.00
Hipper 1R	3 ft	23	1.530	2.00	Mar	12.38	9.03	4.26	6.38	3.36	36.72				68.77
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Plastic layer	5 ft	23	1.500	1.00	Mar	6.06	4.43	2.70	5.93	4.65	50.73				69.85
Plastic 54"	roll											5.0000	120.00	600.00	600.00
Transplanter vegtabl	1 row	23	4.000	1.00	Mar	16.19	11.80	1.54	4.21	16.40	178.92				212.66
Eggplant plants	100											50.0000	10.20	510.00	510.00
Cultivator 2R	6 ft	43	0.570	1.00	Mar	4.78	3.12	1.03	1.54	0.62	6.84				17.31
Other labor	hour			1.00	Apr							5.0000	9.60	48.00	48.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Malathion	pt											1.0000	4.23	4.23	4.23
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											0.7500	18.00	13.50	13.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Malathion	pt											1.0000	4.23	4.23	4.23
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ambush	pt											0.8000	15.00	12.00	12.00
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											0.7500	18.00	13.50	13.50
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Provado	pt											0.2000	20.00	4.00	4.00
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
AgriMek	pt											1.0000	44.50	44.50	44.50
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer small	8 ft	23	1.000	1.00	Jun	4.05	2.95	0.31	1.18	1.10	12.00				20.49
Harvest labor	hour											50.0000	9.60	480.00	480.00
Harvest container	each											8.0000	3.88	31.04	31.04
Packing	hour			1.00	Jun							25.0000	9.60	240.00	240.00
Packing labor	hour											225.0000	1.80	405.00	405.00
Packing boxes	each														35.54
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											0.7500	18.00	13.50	13.50
Trailer small	8 ft	23	1.000	1.00	Aug	4.05	2.95	0.31	1.18	1.10	12.00				20.49
Harvest labor	hour											50.0000	9.60	480.00	480.00
Packing	hour			1.00	Aug							225.0000	1.80	405.00	405.00
Packing boxes	each											50.0000	9.60	480.00	480.00
Packing labor	hour														132.51
Pickup truck	1/2 ton		1.000	4.70	Aug	48.47	32.76			4.70	51.28				30.12
Coulter	1 row	23	1.500	1.00	Sep	6.06	4.43	0.64	0.99	1.65	18.00				144.00
Other labor	hour											15.0000	9.60	144.00	144.00
Shredder 1R	5 ft	23	0.740	1.00	Sep	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Pickup truck	1/2 ton		1.000	1.00	Sep	10.31	6.97			1.00	10.91				28.19
Middle buster 1R	3 ft	23	1.530	1.00	Sep	6.19	4.52	0.67	1.01	1.68	18.36				30.75
Disk 2R	6 ft	43	0.570	1.00	Sep	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Pack line/wet/small	each			1.00	Jun							0.1000			109.31
Packing	acre							6.56		30.00	288.00	1.0000			294.56
Irrigate	acre				Mar	0.24	0.19	40.46	50.63	0.34	3.38	1.0000		140.00	234.90
TOTALS						172.97	121.20	76.43	207.86	78.66	818.54			4396.26	5793.26
INTEREST ON OPERATING CAPITAL															90.33
TOTAL SPECIFIED COST															5883.59

Table 16.B Summary of estimated costs per acre, Eggplant, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		341.18	1.0000	341.18	_____
HERBICIDES		13.08	1.0000	13.08	_____
HIRED LABOR		192.00	1.0000	192.00	_____
INSECTICIDES		78.96	1.0000	78.96	_____
PACK & HARVEST ITEMS		841.04	1.0000	841.04	_____
PLASTIC		740.00	1.0000	740.00	_____
PLANTS		510.00	1.0000	510.00	_____
HARVEST LABOR		1680.00	1.0000	1680.00	_____
Hand Labor	hour	9.60	30.0000	288.00	_____
Irrigation Labor	hour	9.60	0.2750	2.64	_____
Operator labor	hour	10.91	48.3891	527.90	_____
DIESEL FUEL	gal	3.25	6.3123	20.50	_____
ELECTRICITY	kWh	0.14	315.0000	44.10	_____
GASOLINE	gal	3.00	39.4603	118.35	_____
REPAIR & MAINTENANCE		66.45	1.0000	66.45	_____
INTEREST ON OP. CAP.		90.33	1.0000	90.33	_____

TOTAL DIRECT EXPENSES				5554.53	_____
TOTAL FIXED EXPENSES				329.06	_____

TOTAL SPECIFIED EXPENSES				5883.59	_____

Table 16.C Effects of yields and prices on net returns per acre above total direct expenses, Eggplant, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

Yield (Boxes)	-----Price Per Box-----				
	12.00	13.50	15.00	16.50	18.00
	-----Net Returns Per Acre-----				
300	-1108.53	-658.53	-208.53	241.47	691.47
375	-631.53	-69.03	493.47	1055.97	1618.47
450	-154.53	520.47	1195.47	1870.47	2545.47
525	322.47	1109.97	1897.47	2684.97	3472.47
600	799.47	1699.47	2599.47	3499.47	4399.47

Table 17.A Estimated resource use and costs for field operations, per acre, Eggplant, bare soil, trellis, one row equipment, 60" skip rows, fresh market, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Jan	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	2.00	Feb	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.27	4.57	3.70	5.53	1.70	18.60				38.67
13-13-13	lb											700.0000	0.32	224.00	224.00
Disk & herb appl	6R 20 ft	150	0.100	1.00	Mar	2.82	1.94	1.67	2.50	0.11	1.20				10.13
Devrinol	lb											3.0000	8.89	26.67	26.67
Sandea 75DG	oz											1.0000	42.90	42.90	42.90
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	3.03	2.21	0.63	1.10	0.82	9.00				15.97
Trailer utility	10 ft	23	1.000	1.00	Mar	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Eggplant plants	100											25.0000	10.20	255.00	255.00
Planting labor	hour											30.0000	9.60	288.00	288.00
Trailer, water	10 ft	43	1.000	1.00	Mar	8.40	5.47	0.63	2.76	1.10	12.00				29.26
Cultivator 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Trailer utility	10 ft	23	1.000	1.00	Apr	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Stake replacement	100											12.0000	15.00	180.00	180.00
Other labor	hour											15.0000	9.60	144.00	144.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Malathion	pt											1.0000	4.23	4.23	4.23
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	3 cwt											1.5000	18.00	27.00	27.00
Trailer utility	10 ft	23	1.000	1.00	Apr	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Twine	roll											1.0000	25.00	25.00	25.00
Other labor	hour											10.0000	9.60	96.00	96.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ambush	pt											0.8000	15.00	12.00	12.00
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Trailer utility	10 ft	23	1.000	1.00	Apr	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	9.60	96.00	96.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	3 cwt											0.7500	18.00	13.50	13.50
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Vendex	lb											3.0000	27.50	82.50	82.50
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Jun	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	hour											44.0000	9.60	422.40	422.40
Harvest container	each											8.0000	3.88	31.04	31.04
Packing				1.00	Jun										
Packing labor	hour											22.0000	9.60	211.20	211.20
Packing boxes	each											225.0000	1.80	405.00	405.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	3 cwt											0.7500	18.00	13.50	13.50
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Provado	pt											0.2300	20.00	4.60	4.60
Buffer	pt											1.0000	2.00	2.00	2.00
Other labor	hour			1.00	Jun							1.5000	9.60	14.40	14.40
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Provado	pt											0.2300	20.00	4.60	4.60
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Jul	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	hour											50.0000	9.60	480.00	480.00
Other labor	hour			1.00	Jul							1.5000	9.60	14.40	14.40
Packing				1.00	Jul										
Packing boxes	each											20.0000	1.80	36.00	36.00
Packing labor	hour											20.0000	9.60	192.00	192.00
Trailer utility	10 ft	23	1.000	1.00	Aug	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Other labor	hour											8.0000	9.60	76.80	76.80
Pickup truck	1/2 ton		1.000	1.00	Aug	10.31	6.97			1.00	10.91				28.19
Shredder 1R	5 ft	23	0.740	1.00	Aug	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Disk 2R	6 ft	43	0.570	2.00	Aug	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Pack line/wet/small	each			1.00	Jun				109.31			0.1000			109.31
Packing	acre							6.56		30.00	288.00	1.0000			294.56
TOTALS						130.47	91.97	35.40	158.60	58.45	598.43			3526.50	4541.37
INTEREST ON OPERATING CAPITAL															62.44
TOTAL SPECIFIED COST															4603.81

Table 17.B Summary of estimated costs per acre, Eggplant, bare soil, trellis, one row equipment, 60" skip rows, 2500 plants/acre, fresh market, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		308.68	1.0000	308.68	_____
HERBICIDES		82.65	1.0000	82.65	_____
HIRED LABOR		729.60	1.0000	729.60	_____
INSECTICIDES		117.93	1.0000	117.93	_____
PACK & HARVEST ITEMS		472.04	1.0000	472.04	_____
STAKES & TWINE		255.00	1.0000	255.00	_____
PLANTS		255.00	1.0000	255.00	_____
HARVEST LABOR		1305.60	1.0000	1305.60	_____
Hand Labor	hour	9.60	30.0000	288.00	_____
Operator labor	hour	10.91	28.4560	310.43	_____
DIESEL FUEL	gal	3.25	9.2445	30.04	_____
ELECTRICITY	kWh	0.14	35.0000	4.90	_____
GASOLINE	gal	3.00	26.2413	78.71	_____
REPAIR & MAINTENANCE		52.22	1.0000	52.22	_____
INTEREST ON OP. CAP.		62.44	1.0000	62.44	_____

TOTAL DIRECT EXPENSES				4353.24	_____
TOTAL FIXED EXPENSES				250.57	_____

TOTAL SPECIFIED EXPENSES				4603.81	_____

Table 17.C Effects of yields and prices on net returns per acre above total direct expenses, Eggplant, bare soil, trellis, one row equipment, 60" skip rows, fresh market, Louisiana, 2011.

Yield (boxes)	-----Price Per Box-----				
	12.00	13.50	15.00	16.50	18.00
	-----Net Returns Per Acre-----				
250	-651.24	-276.24	98.76	473.76	848.76
325	-102.24	385.26	872.76	1360.26	1847.76
400	446.76	1046.76	1646.76	2246.76	2846.76
475	995.76	1708.26	2420.76	3133.26	3845.76
550	1544.76	2369.76	3194.76	4019.76	4844.76

Table 18.A Estimated resource use and costs for field operation per acre, Eggplant, plastic mulch, drip irrigation, trellis, fresh market, one row equipment, 60" skip rows, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 2R	6 ft	43	0.570	1.00	Jan	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Lime (spread)	ton											0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	2.00	Feb	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.27	4.57	3.70	5.53	1.70	18.60				38.67
13-13-13	lb											700.0000	0.32	224.00	224.00
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Plastic layer	5 ft	23	1.500	1.00	Mar	6.06	4.43	2.70	5.93	4.65	50.73				69.85
Plastic 54"	roll											3.0000	120.00	360.00	360.00
T-tape, drip irrig.	roll											2.0000	147.50	295.00	295.00
Hose, lay flat	roll											1.0000	140.00	140.00	140.00
Other labor	hour											10.0000	9.60	96.00	96.00
Transplanter mod 900	1 row	23	3.000	1.00	Mar	12.14	8.85	3.17	8.69	9.30	101.46				134.31
Eggplant plants	100											25.0000	10.20	255.00	255.00
Planting labor	hour											2.0000	9.60	19.20	19.20
Trailer, water	10 ft	43	1.000	1.00	Mar	8.40	5.47	0.63	2.76	1.10	12.00				29.26
Trailer utility	10 ft	23	1.000	1.00	Mar	4.05	2.95	0.33	1.28	1.10	12.00				20.61
CaNO3, water sol.	lb			1.00	Mar							50.0000	0.80	40.00	40.00
Trailer utility	10 ft	23	1.000	1.00	Apr	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Stake replacement	100											12.0000	15.00	180.00	180.00
Other labor	hour											15.0000	9.60	144.00	144.00
CaNO3, water sol.	lb			1.00	Apr							50.0000	0.80	40.00	40.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Malathion	pt											1.0000	4.23	4.23	4.23
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Admire Pro 4.6F	pt											1.0000	49.60	49.60	49.60
Trailer utility	10 ft	23	1.000	2.00	Apr	8.09	5.90	0.67	2.56	2.20	24.00				41.22
Twine	roll											3.0000	25.00	75.00	75.00
Other labor	hour											20.0000	9.60	192.00	192.00
CaNO3, water sol.	lb			1.00	Apr							50.0000	0.80	40.00	40.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Gramoxone	pt											2.5000	5.46	13.65	13.65
Surfactant	pt											0.5000	2.00	1.00	1.00
Sprayer, boom	12 ft	23	0.190	2.00	May	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Ambush	pt											1.6000	15.00	24.00	24.00
Buffer	pt											2.0000	2.00	4.00	4.00
CaNO3, water sol.	lb			1.00	May							50.0000	0.80	40.00	40.00
CaNO3, water sol.	lb			1.00	May							50.0000	0.80	40.00	40.00
Sprayer, boom	12 ft	23	0.190	2.00	May	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Provado	pt											0.4600	20.00	9.20	9.20
Trailer utility	10 ft	23	1.000	1.00	Jun	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	9.60	96.00	96.00
CaNO3, water sol.	lb			1.00	Jun							50.0000	0.80	40.00	40.00
Trailer utility	10 ft	23	1.000	1.00	Jun	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	hour											25.0000	9.60	240.00	240.00
Packing labor	hour											22.0000	9.60	211.20	211.20
Packing boxes	each											300.0000	1.80	540.00	540.00
Sprayer, boom	12 ft	23	0.190	2.00	Jun	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Provado	pt											0.4600	20.00	9.20	9.20
CaNO3, water sol.	lb			1.00	Jun							50.0000	0.80	40.00	40.00
Packing	hour			1.00	Jun										
Packing labor	hour											20.0000	9.60	192.00	192.00
Packing boxes	each											300.0000	1.80	540.00	540.00
Harvest labor	hour											25.0000	9.60	240.00	240.00
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Vendex	lb											3.0000	27.50	82.50	82.50
Trailer utility	10 ft	23	1.000	1.00	Jul	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	hour											50.0000	9.60	480.00	480.00
Packing	hour			1.00	Jul										
Packing labor	hour											20.0000	9.60	192.00	192.00
Packing boxes	each											300.0000	1.80	540.00	540.00
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Other labor	hour			1.00	Aug							2.5000	9.60	24.00	24.00
Shredder 1R	5 ft	23	0.740	1.00	Aug	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Trailer utility	10 ft	23	1.000	1.00	Aug	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Other labor	hour											8.0000	9.60	76.80	76.80
Coulter	1 row	23	1.500	1.00	Sep	6.06	4.43	0.64	0.99	1.65	18.00				30.12
Other labor	hour											15.0000	9.60	144.00	144.00
Pickup truck	1/2 ton			1.00	Sep	10.31	6.97			1.00	10.91				28.19
Disk 2R	6 ft	43	0.570	2.00	Sep	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Pack line/wet/small	each			1.00	Jul							0.1000			109.31
Packing	acre							6.56			109.31	1.0000			294.56
Irrigate	acre				Mar			63.40	45.04	6.40	61.44	1.0000			169.88
TOTALS						124.84	87.99	98.88	208.53	72.98	748.58			6056.26	7325.08
INTEREST ON OPERATING CAPITAL															121.38
TOTAL SPECIFIED COST															7447.34

Table 18.B Summary of estimated costs per acre, Eggplant, plastic mulch, drip irrigation, trellis, fresh market, one row equipment, 60" skip rows, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		534.68	1.0000	534.68	_____
HERBICIDES		14.65	1.0000	14.65	_____
HIRED LABOR		792.00	1.0000	792.00	_____
INSECTICIDES		184.73	1.0000	184.73	_____
PACK & HARVEST ITEMS		1620.00	1.0000	1620.00	_____
STAKES & TWINE		600.00	1.0000	600.00	_____
PLASTIC		500.00	1.0000	500.00	_____
PLANTS		255.00	1.0000	255.00	_____
HARVEST LABOR		1555.20	1.0000	1555.20	_____
Hand Labor	hour	9.60	30.0000	288.00	_____
Irrigation Labor	hour	9.60	6.4000	61.44	_____
Operator labor	hour	10.91	36.5870	399.14	_____
DIESEL FUEL	gal	3.25	8.5085	27.65	_____
ELECTRICITY	kWh	0.14	489.4000	68.50	_____
GASOLINE	gal	3.00	25.4616	76.36	_____
REPAIR & MAINTENANCE		52.09	1.0000	52.09	_____
INTEREST ON OP. CAP.		121.38	1.0000	121.38	_____

TOTAL DIRECT EXPENSES				7150.82	_____
TOTAL FIXED EXPENSES				296.52	_____

TOTAL SPECIFIED EXPENSES				7447.34	_____

Table 18.C Effect of yields and prices on net returns per acre above total Direct expenses, eggplant plastic mulch, drip irrigation, high yield, Louisiana, 2011.

Yield (Boxes)	-----Price Per Box-----				
	12.00	13.50	15.00	16.50	18.00
	-----Net Returns Per Acre-----				
400	-1414.82	-814.82	-214.82	385.18	985.18
500	-682.82	67.18	817.18	1567.18	2317.18
600	49.18	949.18	1849.18	2749.18	3649.18
700	781.18	1831.18	2881.18	3931.18	4981.18
800	1513.18	2713.18	3913.18	5113.18	6313.18

Table 19.A Estimated resource use and costs for field operations per acre, Mustard, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 2R	6 ft	43	0.570	2.00	Jul	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Disk & herb appl 2R	6 ft	23	0.590	1.00	Aug	2.39	1.74	0.83	1.24	0.64	7.08				13.28
Treflan	pt											1.2500	3.18	3.98	3.98
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Aug	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											300.0000	0.45	135.00	135.00
Hipper 1R	3 ft	23	1.530	2.00	Aug	12.38	9.03	4.26	6.38	3.36	36.72				68.77
Conditioner, row 1R	6 ft	23	0.410	1.00	Aug	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Planter 1R	3 ft	23	1.500	1.00	Aug	6.06	4.43	0.52	0.89	1.65	18.00				29.90
Mustard	lb											2.5000	4.00	10.00	10.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Provado	pt											0.2300	20.00	4.60	4.60
Buffer	pt											1.0000	2.00	2.00	2.00
Aliette	lb											5.0000	12.60	63.00	63.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Sep	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.0000	18.00	18.00	18.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Confirm	oz											8.0000	2.00	16.00	16.00
Buffer	pt											1.0000	2.00	2.00	2.00
Quadris	oz											6.0000	3.00	18.00	18.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Provado	pt											0.2000	20.00	4.00	4.00
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Aliette	lb											5.0000	12.60	63.00	63.00
Harvest labor	doz			1.00	Oct							600.0000	1.75	1050.00	1050.00
Harvest container	each											8.0000	3.88	31.04	31.04
Packing crates	each			1.00	Oct							300.0000	1.20	360.00	360.00
String	lb											6.0000	2.00	12.00	12.00
Pickup truck	1/2 ton		1.000	10.00	Oct	103.13	69.71			10.00	109.10				281.94
Disk 2R	6 ft	43	0.570	1.00	Oct	4.78	3.12	0.56	0.83	0.62	6.84				16.13
TOTALS						168.95	116.64	20.65	29.39	25.88	282.38			1807.70	2425.71
INTEREST ON OPERATING CAPITAL															11.80
TOTAL SPECIFIED COST															2437.51

Table 19.B Summary of estimated costs per acre, Mustard, fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		153.00	1.0000	153.00	_____
FUNGICIDES		160.00	1.0000	160.00	_____
HERBICIDES		17.06	1.0000	17.06	_____
INSECTICIDES		14.60	1.0000	14.60	_____
PACK & HARVEST ITEMS		391.04	1.0000	391.04	_____
SEED		10.00	1.0000	10.00	_____
STAKES & TWINE		12.00	1.0000	12.00	_____
HARVEST LABOR		1050.00	1.0000	1050.00	_____
Operator labor	hour	10.91	25.8840	282.38	_____
DIESEL FUEL	gal	3.25	3.7791	12.28	_____
GASOLINE	gal	3.00	39.3849	118.13	_____
REPAIR & MAINTENANCE		59.19	1.0000	59.19	_____
INTEREST ON OP. CAP.		11.80	1.0000	11.80	_____

TOTAL DIRECT EXPENSES				2291.48	_____
TOTAL FIXED EXPENSES				146.03	_____

TOTAL SPECIFIED EXPENSES				2437.51	_____

Table 19.C Effects of yields and prices on net returns per acre above total Direct expenses, Mustard, fresh market, one row equipment, average yield, Louisiana, 2011.

Yield (dozen bunches)	-----Price Per Dozen Bunches-----				
	8.00	9.00	10.00	11.00	12.00
	-----Net Returns Per Acre-----				
300	1038.52	1338.52	1638.52	1938.52	2238.52
450	1773.52	2223.52	2673.52	3123.52	3573.52
600	2508.52	3108.52	3708.52	4308.52	4908.52
750	3243.52	3993.52	4743.52	5493.52	6243.52
900	3978.52	4878.52	5778.52	6678.52	7578.52

Table 20.A Estimated resource use and costs for field operations per acre, Okra, fresh market, one row equipment, average yield Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Mar							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Mar	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	1.00	Apr	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	2.39	1.74	0.83	1.24	0.64	7.08				13.28
Treflan	pt											1.5000	3.18	4.77	4.77
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											300.0000	0.45	135.00	135.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Planter 1R	3 ft	23	1.500	1.00	Apr	6.06	4.43	0.52	0.89	1.65	18.00				29.90
Okra seed	lb											6.0000	2.00	12.00	12.00
Other labor	hour			1.00	Apr							5.0000	9.60	48.00	48.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											1.2500	9.50	11.88	11.88
Cultivator 1R	3 ft	23	1.530	1.00	May	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Other labor	hour			1.00	May							24.0000	9.60	230.40	230.40
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											1.2500	9.50	11.88	11.88
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											0.6000	18.00	10.80	10.80
Harvest labor	bu			1.00	Jul							120.0000	8.00	960.00	960.00
Packing labor	hour											7.0000	9.60	67.20	67.20
Packing boxes	each											40.0000	1.80	72.00	72.00
Pickup truck	1/2 ton		1.000	3.00	Jul	30.94	20.91			3.00	32.73				84.58
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											1.2500	9.50	11.88	11.88
Harvest labor	bu			1.00	Aug							120.0000	8.00	960.00	960.00
Harvest sacks	each											94.0000	0.36	33.84	33.84
Packing				1.00	Aug										
Packing labor	hour											7.0000	9.60	67.20	67.20
Packing boxes	each											40.0000	1.80	72.00	72.00
Pickup truck	1/2 ton		1.000	3.00	Aug	30.94	20.91			3.00	32.73				84.58
Shredder 1R	5 ft	23	0.740	1.00	Sep	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Middle buster 1R	3 ft	23	1.530	1.00	Sep	6.19	4.52	0.67	1.01	1.68	18.36				30.75
Disk 2R	6 ft	43	0.570	1.00	Sep	4.78	3.12	0.56	0.83	0.62	6.84				16.13
TOTALS						122.97	85.30	16.42	24.30	20.59	224.70			2739.53	3213.22
INTEREST ON OPERATING CAPITAL															36.42
TOTAL SPECIFIED COST															3249.64

Table 20.B Summary of estimated costs per acre, Okra, fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		176.48	1.0000	176.48	_____
HERBICIDES		4.77	1.0000	4.77	_____
HIRED LABOR		278.40	1.0000	278.40	_____
INSECTICIDES		35.64	1.0000	35.64	_____
PACK & HARVEST ITEMS		177.84	1.0000	177.84	_____
SEED		12.00	1.0000	12.00	_____
HARVEST LABOR		2054.40	1.0000	2054.40	_____
Operator labor	hour	10.91	20.5970	224.70	_____
DIESEL FUEL	gal	3.25	3.7791	12.27	_____
GASOLINE	gal	3.00	28.0628	84.18	_____
REPAIR & MAINTENANCE		42.94	1.0000	42.94	_____
INTEREST ON OP. CAP.		36.42	1.0000	36.42	_____

TOTAL DIRECT EXPENSES				3140.04	_____
TOTAL FIXED EXPENSES				109.60	_____

TOTAL SPECIFIED EXPENSES				3249.64	_____

Table 20.C Effects of yields and prices on net returns per acre above total direct expenses, Okra, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

Yield (Bushels)	-----Price Per Bushel-----				
	21.00	23.00	25.00	27.00	29.00
	-----Net Returns Per Acre-----				
160	1003.96	1323.96	1643.96	1963.96	2283.96
200	1451.96	1851.96	2251.96	2651.96	3051.96
240	1899.96	2379.96	2859.96	3339.96	3819.96
280	2347.96	2907.96	3467.96	4027.96	4587.96
320	2795.96	3435.96	4075.96	4715.96	5355.96

Table 21.A Estimated resource use and costs for field operations per acre, Okra, fresh market, one row equipment, high yield Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Mar							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Mar	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	1.00	Apr	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk & herb appl	2R 6 ft	23	0.590	1.00	Apr	2.39	1.74	0.83	1.24	0.64	7.08				13.28
Treflan	pt											1.5000	3.18	4.77	4.77
Hipper-fert dist	1R 3 ft	23	1.550	1.00	Apr	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											300.0000	0.45	135.00	135.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Conditioner, row	1R 6 ft	23	0.410	1.00	Apr	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Trailer utility	10 ft	23	1.000	1.00	Apr	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Okra transplants	100											70.0000	10.00	700.00	700.00
Planting labor	hour											20.0000	9.60	192.00	192.00
Other labor	hour			1.00	Apr							5.0000	9.60	48.00	48.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											1.2500	9.50	11.88	11.88
Cultivator 1R	3 ft	23	1.530	1.00	May	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Other labor	hour			1.00	May							24.0000	9.60	230.40	230.40
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											1.2500	9.50	11.88	11.88
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Ammonium Sulfate	lb											60.0000	0.20	12.00	12.00
Trailer utility	10 ft	23	1.000	1.00	Jul	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	bu											250.0000	8.00	2000.00	2000.00
Packing labor	hour											14.0000	9.60	134.40	134.40
Packing boxes	each											80.0000	1.80	144.00	144.00
Pickup truck	1/2 ton		1.000	3.00	Jul	30.94	20.91			3.00	32.73				84.58
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											1.2500	9.50	11.88	11.88
Trailer utility	10 ft	23	1.000	1.00	Aug	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	bu											250.0000	8.00	2000.00	2000.00
Harvest sacks	each											188.0000	0.36	67.68	67.68
Packing				1.00	Aug										
Packing labor	hour											14.0000	9.60	134.40	134.40
Packing boxes	each											80.0000	1.80	144.00	144.00
Pickup truck	1/2 ton		1.000	3.00	Aug	30.94	20.91			3.00	32.73				84.58
Shredder 1R	5 ft	23	0.740	1.00	Sep	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Middle buster 1R	3 ft	23	1.530	1.00	Sep	6.19	4.52	0.67	1.01	1.68	18.36				30.75
Disk 2R	6 ft	43	0.570	1.00	Sep	4.78	3.12	0.56	0.83	0.62	6.84				16.13
TOTALS						129.06	89.72	16.89	27.25	22.24	242.70			6012.97	6518.59
INTEREST ON OPERATING CAPITAL															78.73
TOTAL SPECIFIED COST															6597.32

Table 21.B Summary of estimated costs per bu Okra, fresh market, irrigated, transplants, one row equipment, high yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	bu	177.68	1.0000	177.68	_____
HERBICIDES	bu	4.77	1.0000	4.77	_____
HIRED LABOR	bu	470.40	1.0000	470.40	_____
INSECTICIDES	bu	35.64	1.0000	35.64	_____
PACK & HARVEST ITEMS	bu	355.68	1.0000	355.68	_____
PLANTS	bu	700.00	1.0000	700.00	_____
HARVEST LABOR	bu	4268.80	1.0000	4268.80	_____
Operator labor	hour	10.91	22.2470	242.70	_____
DIESEL FUEL	gal	3.25	3.7791	12.27	_____
GASOLINE	gal	3.00	29.7578	89.27	_____
REPAIR & MAINTENANCE	bu	44.41	1.0000	44.41	_____
INTEREST ON OP. CAP.	bu	78.73	1.0000	78.73	_____

TOTAL DIRECT EXPENSES				6480.35	_____
TOTAL FIXED EXPENSES				116.97	_____

TOTAL SPECIFIED EXPENSES				6597.32	_____

Table 21.C Effects of yields and prices on net returns per acre above total direct expenses, Okra, fresh market, irrigated, transplants, one row equipment, high yield Louisiana, 2011.

Yield (Bushels)	-----Price Per Bushel-----				
	21.00	23.00	25.00	27.00	29.00
	-----Net Returns Per Acre-----				
400	2899.65	3699.65	4499.65	5299.65	6099.65
450	3459.65	4359.65	5259.65	6159.65	7059.65
500	4019.65	5019.65	6019.65	7019.65	8019.65
550	4579.65	5679.65	6779.65	7879.65	8979.65
600	5139.65	6339.65	7539.65	8739.65	9939.65

Table 22.A Estimated resource use and costs for field operation per acre, Peas Southern, nonvining, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Feb							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Feb	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	2.00	Apr	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	2.39	1.74	0.83	1.24	0.64	7.08				13.28
Treflan	pt											1.2500	3.18	3.98	3.98
Dual	pt											1.5000	13.26	19.89	19.89
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											300.0000	0.45	135.00	135.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Planter 1R	3 ft	23	1.500	1.00	Apr	6.06	4.43	0.52	0.89	1.65	18.00				29.90
Southern pea seed	lb											30.0000	3.50	105.00	105.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Thionex	pt											1.0000	4.60	4.60	4.60
Cultivator 1R	3 ft	23	1.530	1.00	May	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Other labor	hour			1.00	May							10.0000	9.60	96.00	96.00
Cultivator 1R	3 ft	23	1.530	1.00	May	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											1.2500	9.50	11.88	11.88
Cultivator 1R	3 ft	23	1.530	1.00	Jun	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Capture	oz											4.5000	2.20	9.90	9.90
Trailer small	8 ft	23	1.000	1.00	Jul	4.05	2.95	0.31	1.18	1.10	12.00				20.49
Harvest labor	bu											100.0000	6.25	625.00	625.00
Harvest container	each											8.0000	3.88	31.04	31.04
Packing				1.00	Jul										
Packing labor	hour											6.0000	9.60	57.60	57.60
Harvest sacks	each											55.0000	0.36	19.80	19.80
Pickup truck	1/2 ton		1.000	3.00	Jul	30.94	20.91			3.00	32.73				84.58
Disk 2R	6 ft	43	0.570	1.00	Jul	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Sheller, bean/pea	each			1.00	Jul				56.63			0.1000			56.63
TOTALS						98.31	68.61	18.01	83.10	18.63	203.25			1163.45	1634.73
INTEREST ON OPERATING CAPITAL															12.29
TOTAL SPECIFIED COST															1647.02

Table 22.B Summary of estimated costs per acre, Peas(Southern), nonvining, fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		165.68	1.0000	165.68	_____
HERBICIDES		36.95	1.0000	36.95	_____
HIRED LABOR		96.00	1.0000	96.00	_____
INSECTICIDES		26.38	1.0000	26.38	_____
PACK & HARVEST ITEMS		50.84	1.0000	50.84	_____
SEED		105.00	1.0000	105.00	_____
HARVEST LABOR		682.60	1.0000	682.60	_____
Operator labor	hour	10.91	18.6310	203.25	_____
DIESEL FUEL	gal	3.25	5.0388	16.37	_____
GASOLINE	gal	3.00	20.9809	62.93	_____
REPAIR & MAINTENANCE		37.02	1.0000	37.02	_____
INTEREST ON OP. CAP.		12.29	1.0000	12.29	_____

TOTAL DIRECT EXPENSES				1495.31	_____
TOTAL FIXED EXPENSES				151.71	_____

TOTAL SPECIFIED EXPENSES				1647.02	_____

Table 22.C 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, 2011.

Yield (bushels)	-----Price Per Bushel-----				
	21.00	23.00	25.00	27.00	29.00
	-----Net Returns Per Acre-----				
70	292.39	432.39	572.39	712.39	852.39
85	448.54	618.54	788.54	958.54	1128.54
100	604.69	804.69	1004.69	1204.69	1404.69
115	760.84	990.84	1220.84	1450.84	1680.84
130	916.99	1176.99	1436.99	1696.99	1956.99

Table 23.A Estimated resource use and costs for field operations per acre, Southern Peas, fresh market, one row equipment, machine harvest, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Feb							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	2.00	Feb	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Disk 2R	6 ft	43	0.570	1.00	Mar	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											300.0000	0.45	135.00	135.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Planter 1R	3 ft	23	1.500	1.00	Apr	6.06	4.43	0.52	0.89	1.65	18.00				29.90
Southern pea seed	lb											45.0000	3.50	157.50	157.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Dual	pt											1.5000	13.26	19.89	19.89
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Thionex	pt											1.0000	4.60	4.60	4.60
Cultivator 1R	3 ft	23	1.530	1.00	May	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Pursuit	oz											2.0000	11.59	23.18	23.18
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Capture	oz											4.5000	2.20	9.90	9.90
Cultivator 1R	3 ft	23	1.530	1.00	Jun	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Capture	oz											4.5000	2.20	9.90	9.90
Harvester, bean 1R	3 ft	75	1.000	1.00	Jul	13.00	7.29	8.03	13.24	1.10	12.00				53.56
Packing sacks	each											25.0000	0.60	15.00	15.00
Trailer utility	10 ft	23	1.000	1.00	Jul	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Packing				1.00	Jul										
Packing labor	hour											12.0000	9.60	115.20	115.20
plastic bag, sealing	each											75.0000	0.15	11.25	11.25
Other labor	hour											20.0000	9.60	192.00	192.00
Pickup truck	1/2 ton		1.000	3.00	Jul	30.94	20.91			3.00	32.73				84.58
Disk 2R	6 ft	43	0.570	1.00	Jul	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Sheller, bean/pea	each			1.00	Jul				56.63						56.63
Packing	acre							15.60		20.00	192.00				207.60
TOTALS						103.49	70.20	40.23	93.97	37.60	384.09			724.10	1416.08
INTEREST ON OPERATING CAPITAL															7.15
TOTAL SPECIFIED COST															1423.23

Table 23.B Summary of estimated costs per acre, Peas, Southern, fresh market, one row equipment, machine harvest, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		165.68	1.0000	165.68	_____
HERBICIDES		43.07	1.0000	43.07	_____
HIRED LABOR		192.00	1.0000	192.00	_____
INSECTICIDES		24.40	1.0000	24.40	_____
PACK & HARVEST ITEMS		26.25	1.0000	26.25	_____
SEED		157.50	1.0000	157.50	_____
HARVEST LABOR		115.20	1.0000	115.20	_____
Hand Labor	hour	9.60	20.0000	192.00	_____
Operator labor	hour	10.91	17.6080	192.09	_____
DIESEL FUEL	gal	3.25	8.5388	27.75	_____
ELECTRICITY	kWh	0.14	50.0000	7.00	_____
GASOLINE	gal	3.00	18.8000	56.38	_____
REPAIR & MAINTENANCE		52.59	1.0000	52.59	_____
INTEREST ON OP. CAP.		7.15	1.0000	7.15	_____

TOTAL DIRECT EXPENSES				1259.06	_____
TOTAL FIXED EXPENSES				164.17	_____

TOTAL SPECIFIED EXPENSES				1423.23	_____

Table 23.C Effects of yields and prices on net returns per acre above total direct expenses, Peas, Southern, fresh market, one row equipment, machine harvest, Louisiana, 2011.

Yield (Bushels)	-----Price Per Bushel-----				
	21.00	23.00	25.00	27.00	29.00
	-----Net Returns Per Acre-----				
35	-499.66	-429.66	-359.66	-289.66	-219.66
55	-91.86	18.14	128.14	238.14	348.14
75	315.94	465.94	615.94	765.94	915.94
95	723.74	913.74	1103.74	1293.74	1483.74
115	1131.54	1361.54	1591.54	1821.54	2051.54

Table 24.A Estimated resource use and costs for field operation per acre, Peppers, Bell, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Sep							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Sep	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	1.00	Oct	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Oct	6.27	4.57	3.70	5.53	1.70	18.60				38.67
13-13-13	lb											900.0000	0.32	288.00	288.00
Hipper 1R	3 ft	23	1.530	1.00	Oct	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Conditioner, row 1R	6 ft	23	0.410	1.00	Oct	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Plastic & fumigation	5 ft	23	1.500	1.00	Oct	6.06	4.43	3.15	6.91	4.65	50.73				71.28
Plastic	roll											5.0000	76.80	384.00	384.00
Methyl bromide	lbs											150.0000	5.50	825.00	825.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Gramoxone	pt											2.0000	5.46	10.92	10.92
Surfactant	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Mar	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Pepper plants	100											50.0000	9.50	475.00	475.00
Planting labor	hour											33.0000	9.60	316.80	316.80
Other labor	hour			1.00	Mar							5.0000	9.60	48.00	48.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Orthene	lb											0.6700	3.25	2.18	2.18
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.52	4.75	1.98	2.97	1.77	19.32				35.54
CaNO3, regular	lb											60.0000	0.35	21.00	21.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											1.2500	9.50	11.88	11.88
Kocide	lb											2.0000	7.50	15.00	15.00
Manzate	lb											1.0000	3.84	3.84	3.84
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											1.2500	9.50	11.88	11.88
Kocide	lb											2.0000	7.50	15.00	15.00
Manzate	lb											1.0000	3.84	3.84	3.84
Cultivate & herb 1R	3 ft	23	1.830	1.00	May	7.40	5.40	2.42	3.62	2.01	21.96				40.80
Gramoxone	pt											1.5000	5.46	8.19	8.19
Surfactant	pt											0.3000	2.00	0.60	0.60
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Malathion	pt											1.0000	4.23	4.23	4.23
Kocide	lb											2.0000	7.50	15.00	15.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	6.52	4.75	1.98	2.97	1.77	19.32				35.54
CaNO3, regular	lb											60.0000	0.35	21.00	21.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ridomil Gold	pt											3.0000	100.00	300.00	300.00
Other labor	hour			1.00	Jun							5.0000	9.60	48.00	48.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Malathion	pt											1.0000	4.23	4.23	4.23
Trailer utility	10 ft	23	1.000	1.00	Jul	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	bu											900.0000	0.75	675.00	675.00
Harvest container	each											9.0000	3.88	34.92	34.92
Packing	hour			1.00	Jul										
Packing labor	hour											66.0000	9.60	633.60	633.60
Packing boxes	each											900.0000	1.80	1620.00	1620.00
Other labor	hour			1.00	Jul							13.0000	9.60	124.80	124.80
Pickup truck	1/2 ton		1.000	4.70	Jul	48.47	32.76			4.70	51.28				132.51
Shredder 1R	5 ft	23	0.740	1.00	Jul	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Coulter	1 row	23	1.500	1.00	Jul	6.06	4.43	0.64	0.99	1.65	18.00				30.12
Other labor	hour											15.0000	9.60	144.00	144.00
Disk 2R	6 ft	43	0.570	2.00	Jul	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Pack line/wet/small	each			1.00	Jul							0.1000			109.31
Packing	acre							6.56		30.00	288.00	1.0000			294.56
Irrigate	acre				Mar	0.24	0.19	40.46	50.63	0.34	3.38	1.0000		140.00	234.90
TOTALS						130.95	91.49	72.87	200.73	57.72	590.07			6238.59	7324.70
INTEREST ON OPERATING CAPITAL															101.99
TOTAL SPECIFIED COST															7426.69

Table 24.B Summary of estimated costs per acre, Peppers, Bell, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		318.68	1.0000	318.68	_____
FUNGICIDES		352.68	1.0000	352.68	_____
HERBICIDES		21.71	1.0000	21.71	_____
HIRED LABOR		681.60	1.0000	681.60	_____
INSECTICIDES		34.40	1.0000	34.40	_____
PACK & HARVEST ITEMS		1654.92	1.0000	1654.92	_____
PLASTIC		524.00	1.0000	524.00	_____
FUMIGANT		825.00	1.0000	825.00	_____
PLANTS		475.00	1.0000	475.00	_____
HARVEST LABOR		1308.60	1.0000	1308.60	_____
Hand Labor	hour	9.60	30.0000	288.00	_____
Irrigation Labor	hour	9.60	0.2750	2.64	_____
Operator labor	hour	10.91	27.4471	299.43	_____
DIESEL FUEL	gal	3.25	5.0526	16.41	_____
ELECTRICITY	kWh	0.14	315.0000	44.10	_____
GASOLINE	gal	3.00	29.4458	88.30	_____
REPAIR & MAINTENANCE		55.01	1.0000	55.01	_____
INTEREST ON OP. CAP.		101.99	1.0000	101.99	_____

TOTAL DIRECT EXPENSES				7134.47	_____
TOTAL FIXED EXPENSES				292.22	_____

TOTAL SPECIFIED EXPENSES				7426.69	_____

Table 24.C 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, 2011.

Yield (Boxes)	-----Price Per Box-----				
	11.00	12.50	14.00	15.50	17.00
	-----Net Returns Per Acre-----				
600	230.53	1130.53	2030.53	2930.53	3830.53
750	1498.03	2623.03	3748.03	4873.03	5998.03
900	2765.53	4115.53	5465.53	6815.53	8165.53
1050	4033.03	5608.03	7183.03	8758.03	10333.03
1200	5300.53	7100.53	8900.53	10700.53	12500.53

Table 25.A Estimated resource use and costs for field operations per acre, Pepper, Bell, double row, drip irrigated, wholesale distribution market, 4-row equipment, plastic mulch, high yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Sep							0.6700	46.00	30.82	30.82
Disk 4R	13.3 ft	75	0.150	1.00	Sep	1.95	1.09	1.18	1.77	0.16	1.80				7.79
Disk 4R	13.3 ft	75	0.150	1.00	Oct	1.95	1.09	1.18	1.77	0.16	1.80				7.79
Fertilizer buggy	30 ft	105	0.060	1.00	Oct	0.12	0.55		0.34	0.06	0.72				1.73
13-13-13	lb											900.0000	0.32	288.00	288.00
Hipper 4R	13.3 ft	75	0.160	2.00	Oct	4.16	2.33	1.19	1.77	0.35	3.84				13.29
Conditioner row 4R	13.3 ft	75	0.149	1.00	Oct	1.95	1.09	0.40	0.59	0.16	1.80				5.83
Plastic & fumigation	5 ft	23	1.500	1.00	Oct	6.06	4.43	3.15	6.91	4.65	50.73				71.28
Plastic 54"	roll											5.0000	120.00	600.00	600.00
Methyl bromide	lbs											200.0000	5.50	1100.00	1100.00
Other labor	hour											13.0000	9.60	124.80	124.80
T-tape, drip irrig.	roll											3.0000	147.50	442.50	442.50
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Gramoxone	pt											2.0000	5.46	10.92	10.92
Surfactant	pt											1.0000	2.00	2.00	2.00
Hole puncher 4R	4 row	75	0.330	1.00	Mar			0.79	1.74						2.53
Trailer utility	10 ft	23	1.000	1.00	Mar	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Pepper plants	100											160.0000	9.50	1520.00	1520.00
Contract planting,	2 1000											16.0000	15.00	240.00	240.00
CaNO3, water sol.	lb			2.00	Mar							50.0000	0.80	40.00	40.00
Other labor	hour			1.00	Mar							5.0000	9.60	48.00	48.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Orthene	lb											0.6700	3.25	2.18	2.18
Kocide	lb											2.0000	7.50	15.00	15.00
Manzate	lb											1.0000	3.84	3.84	3.84
CaNO3, water sol.	lb			2.00	Apr							50.0000	0.80	40.00	40.00
Trailer utility	10 ft	23	1.000	1.00	Apr	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Stake replacement	100											12.0000	15.00	180.00	180.00
Other labor	hour											15.0000	9.60	144.00	144.00
Admire Pro 4.6F	pt			1.00	Apr							1.0000	49.60	49.60	49.60
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Manzate	lb											1.0000	3.84	3.84	3.84
Kocide	lb											2.0000	7.50	15.00	15.00
CaNO3, water sol.	lb			2.00	Apr							50.0000	0.80	40.00	40.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Manzate	lb											1.0000	3.84	3.84	3.84
Kocide	lb											2.0000	7.50	15.00	15.00
Cultivate & Herb 2R	6 ft	43	0.690	1.00	May	5.80	3.78	1.70	2.54	0.75	8.28				22.10
Gramoxone	pt											1.5000	5.46	8.19	8.19
Surfactant	pt											0.3000	2.00	0.60	0.60
CaNO3, water sol.	lb			2.00	May							50.0000	0.80	40.00	40.00
Trailer utility	10 ft	23	1.000	1.00	May	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Twine	roll											1.0000	25.00	25.00	25.00
Other labor	hour											8.0000	9.60	76.80	76.80
Stake replacement	100			1.00	May							1.0000	15.00	15.00	15.00
Other labor	hour											8.0000	9.60	76.80	76.80
CaNO3, water sol.	lb			2.00	May							50.0000	0.80	40.00	40.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Lannate	pt											1.0000	8.81	8.81	8.81
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ambush	pt											0.5000	15.00	7.50	7.50
Other labor	hour			1.00	Jun							5.0000	9.60	48.00	48.00
Cultivator 4R	13.3 ft	75	0.140	1.00	Jun	1.82	1.02	0.58	0.87	0.15	1.68				5.97
Trailer utility	10 ft	23	1.000	1.00	Jun	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	bu											1600.0000	0.75	1200.00	1200.00
Harvest container	each											30.0000	3.88	116.40	116.40
Other labor	hour											25.0000	9.60	240.00	240.00
Vegetable bin	each											8.0000	75.00	600.00	600.00
Packing				1.00	Jun										
Packing boxes	each											1600.0000	1.80	2880.00	2880.00
Planting labor	hour											80.0000	9.60	768.00	768.00
Fork lift			2.222	1.00	Jun	8.09	5.62			2.22	24.24				37.95
Pickup truck	1/2 ton		1.000	6.20	Jun	63.94	43.22			6.20	67.64				174.80
Shredder 2R	6.7 ft	43	0.390	1.00	Jul	3.27	2.13	0.46	1.25	0.42	4.68				11.79
Coulter	4 row	75	0.140	1.00	Jul	1.82	1.02	0.30	0.46	0.15	1.68				5.28
Other labor	hour											12.0000	9.60	115.20	115.20
Pickup truck	1/2 ton		1.000	1.00	Jul	10.31	6.97			1.00	10.91				28.19
Other labor	hour											1.0000	9.60	9.60	9.60
Disk 4R	13.3 ft	75	0.150	1.00	Jul	1.95	1.09	1.18	1.77	0.16	1.80				7.79
Cover crop	acre											1.0000	60.00	60.00	60.00
Pack line/wet/large	each			1.00	Jun				276.56			0.1000			276.56
Packing	acre							6.79		36.00	345.60	1.0000			352.39
Irrigate	acre				Mar			63.40	45.04	6.40	61.44	1.0000			169.88
TOTALS						133.95	90.59	88.90	354.44	64.70	650.32			11295.24	12613.44
INTEREST ON OPERATING CAPITAL															96.18
TOTAL SPECIFIED COST															12710.50

COSTS OF COOLING FACILITIES, BROKERAGE AND TRANSPORTATION COSTS THAT MAY BE THE RESPONSIBILITY OF THE SELLER ARE NOT INCLUDED IN THIS BUDGET.

Table 25.B Summary of estimated costs per acre, Pepper(Bell), double row, drip irrigated, wholesale distribution market, four row equipment, plastic mulch, high yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		518.82	1.0000	518.82	_____
FUNGICIDES		56.52	1.0000	56.52	_____
HERBICIDES		21.71	1.0000	21.71	_____
HIRED LABOR		1891.20	1.0000	1891.20	_____
INSECTICIDES		68.09	1.0000	68.09	_____
PACK & HARVEST ITEMS		3596.40	1.0000	3596.40	_____
SEED		60.00	1.0000	60.00	_____
STAKES & TWINE		662.50	1.0000	662.50	_____
PLASTIC		600.00	1.0000	600.00	_____
FUMIGANT		1100.00	1.0000	1100.00	_____
PLANTS		1520.00	1.0000	1520.00	_____
HARVEST LABOR		1200.00	1.0000	1200.00	_____
Hand Labor	hour	9.60	36.0000	345.60	_____
Irrigation Labor	hour	9.60	6.4000	61.44	_____
Operator labor	hour	10.91	22.3001	243.28	_____
DIESEL FUEL	gal	3.25	6.5865	21.42	_____
ELECTRICITY	kWh	0.14	490.4000	68.64	_____
GASOLINE	gal	3.00	25.5032	76.48	_____
LP GAS	cu ft	2.64	2.4444	6.45	_____
REPAIR & MAINTENANCE		50.74	1.0000	50.74	_____
INTEREST ON OP. CAP.		96.18	1.0000	96.18	_____

TOTAL DIRECT EXPENSES				12265.47	_____
TOTAL FIXED EXPENSES				445.03	_____

TOTAL SPECIFIED EXPENSES				12710.50	_____

Table 25.C Effects of yields and prices on net returns per acre above total direct expenses, Peppers Bell, drip irrigated, wholesale distribution market, four row equipment, high yield, Louisiana, 2011.

Yield (Boxes)	-----Price Per Box-----				
	10.00	11.50	13.00	14.50	16.00
	-----Net Returns Per Acre-----				
1500	3499.53	5749.53	7999.53	10249.53	12499.53
1650	4617.03	7092.03	9567.03	12042.03	14517.03
1800	5734.53	8434.53	11134.53	13834.53	16534.53
1950	6852.03	9777.03	12702.03	15627.03	18552.03
2100	7969.53	11119.53	14269.53	17419.53	20569.53

Table 26.A Estimated resource use and costs for field operations per acre, Potato, Irish, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 2R	6 ft	43	0.570	3.00	Jan	14.36	9.36	1.67	2.50	1.88	20.52				48.41
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jan	6.27	4.57	3.70	5.53	1.70	18.60				38.67
13-13-13	1 lb											800.0000	0.32	256.00	256.00
Hipper 1R	3 ft	23	1.530	1.00	Feb	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Conditioner, row 1R	6 ft	23	0.410	1.00	Feb	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Trailer utility	10 ft	23	1.000	1.00	Feb	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Planting labor	hour											14.0000	9.60	134.40	134.40
Irish potato seed	cwt											11.0000	22.00	242.00	242.00
Sprayer, boom	12 ft	23	0.190	1.00	Feb	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Dual	pt											1.5000	13.26	19.89	19.89
Sprayer, boom	12 ft	23	0.190	1.00	Feb	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Dual	pt											2.0000	13.26	26.52	26.52
Cultivate & fert 1R	3 ft	23	1.610	1.00	Mar	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.5000	18.00	27.00	27.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											0.7500	7.75	5.81	5.81
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Dual	pt											1.5000	13.26	19.89	19.89
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Pounce	lb											0.5000	15.00	7.50	7.50
Dithane	lb											0.7500	2.54	1.91	1.91
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Dual	pt											1.5000	13.26	19.89	19.89
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Quadris	oz											6.0000	3.00	18.00	18.00
Shredder 1R	5 ft	23	0.740	1.00	Jun	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Potato digger, chain	1 row	23	1.500	1.00	Jun	6.06	4.43	3.96	5.93	1.65	18.00				38.38
Trailer utility	10 ft	23	1.000	1.00	Jun	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	hour											28.0000	9.60	268.80	268.80
Harvest crate	each											30.0000	8.00	240.00	240.00
Packing				1.00	Jun										
Packing labor	hour											22.0000	9.60	211.20	211.20
Packing sacks	each											150.0000	0.60	90.00	90.00
Pickup truck	1/2 ton		1.000	7.00	Jun	72.19	48.80			7.00	76.37				197.36
Disk 2R	6 ft	43	0.570	2.00	Jun	9.58	6.24	1.12	1.67	1.25	13.68				32.29
TOTALS						151.96	105.15	25.63	38.26	25.32	276.29			1588.81	2186.10
INTEREST ON OPERATING CAPITAL															22.19
TOTAL SPECIFIED COST															2208.29

Table 26.B Summary of estimated costs per acre, Potato(Irish), fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		283.00	1.0000	283.00	_____
FUNGICIDES		25.72	1.0000	25.72	_____
HERBICIDES		86.19	1.0000	86.19	_____
HIRED LABOR		134.40	1.0000	134.40	_____
INSECTICIDES		7.50	1.0000	7.50	_____
PACK & HARVEST ITEMS		330.00	1.0000	330.00	_____
SEED		242.00	1.0000	242.00	_____
HARVEST LABOR		480.00	1.0000	480.00	_____
Operator labor	hour	10.91	25.3260	276.29	_____
DIESEL FUEL	gal	3.25	6.2985	20.47	_____
GASOLINE	gal	3.00	33.1053	99.29	_____
REPAIR & MAINTENANCE		57.83	1.0000	57.83	_____
INTEREST ON OP. CAP.		22.19	1.0000	22.19	_____

TOTAL DIRECT EXPENSES				2064.88	_____
TOTAL FIXED EXPENSES				143.41	_____

TOTAL SPECIFIED EXPENSES				2208.29	_____

Table 26.C Effects of yields and prices on net returns per acre above total direct expenses, Potato, Irish, fresh market, one row equipment, average yield, Louisiana, 2011.

Yield (Cwt)	-----Price Per Cwt-----				
	24.00	27.00	30.00	33.00	36.00
	-----Net Returns Per Acre-----				
100	471.12	771.12	1071.12	1371.12	1671.12
125	1003.12	1378.12	1753.12	2128.12	2503.12
150	1535.12	1985.12	2435.12	2885.12	3335.12
175	2067.12	2592.12	3117.12	3642.12	4167.12
200	2599.12	3199.12	3799.12	4399.12	4999.12

Table 27.A Estimated resource use and costs for field operations per acre, Potato, Sweet, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 2R	6 ft	43	0.570	1.00	Apr	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	2.00	Apr	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Hipper 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Lorsban 4E	pt											2.0000	6.20	12.40	12.40
Fertilizer applicatr 8-24-24	1 row lb	23	0.500	1.00	Apr	2.02	1.48	0.23	0.40	0.55	6.00	500.0000	0.45	225.00	225.00
Hipper 1R	3 ft	23	1.530	1.00	May	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Ditcher	1.5 ft	23	0.050	1.00	May	0.20	0.15	0.19	0.29	0.05	0.60				1.43
Hipper 1R	3 ft	23	1.530	1.00	May	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Trailer utility	10 ft	23	1.000	1.00	May	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Planting labor	hour											10.0000	9.60	96.00	96.00
Sweet potato slips	acre											1.0000	198.30	198.30	198.30
Cut slip labor	hour											5.0000	9.60	48.00	48.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Command	pt											1.3000	15.45	20.09	20.09
Trailer, water	10 ft	43	1.000	1.00	May	8.40	5.47	0.63	2.76	1.10	12.00				29.26
Other labor	hour											2.0000	9.60	19.20	19.20
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Penncap M	pt											2.0000	5.12	10.24	10.24
Cultivator 1R	3 ft	23	1.530	1.00	Jun	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Imidan	lb.											1.3300	9.85	13.10	13.10
Ditcher	1.5 ft	23	0.050	1.00	Jun	0.20	0.15	0.19	0.29	0.05	0.60				1.43
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Penncap M	pt											2.0000	5.12	10.24	10.24
Cultivator 1R	3 ft	23	1.530	1.00	Jul	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Imidan	lb.											1.3000	9.85	12.81	12.81
Cultivator 1R	3 ft	23	1.530	1.00	Jul	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Ditcher	1.5 ft	23	0.050	1.00	Jul	0.20	0.15	0.19	0.29	0.05	0.60				1.43
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Penncap M	pt											2.0000	5.12	10.24	10.24
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Imidan	lb.											1.3000	9.85	12.81	12.81
Sprayer, boom	12 ft	23	0.190	1.00	Aug	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Penncap M	pt											2.0000	5.12	10.24	10.24
Trailer utility	10 ft	23	1.000	2.00	Sep	8.09	5.90	0.67	2.56	2.20	24.00				41.22
Shredder 1R	5 ft	23	0.740	1.00	Sep	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Coulter	1 row	23	1.500	1.00	Sep	6.06	4.43	0.64	0.99	1.65	18.00				30.12
Potato digger, chain	1 row	23	1.500	1.00	Sep	6.06	4.43	3.96	5.93	1.65	18.00				38.38
Harvest labor	hour											50.0000	9.60	480.00	480.00
Harvest crate	each											75.0000	8.00	600.00	600.00
Truck	2 ton		1.000	2.00	Sep	32.20	26.34			2.00	21.82				80.36
Other labor	hour											8.0000	9.60	76.80	76.80
TOTALS						128.06	94.59	27.05	42.74	24.88	271.42			1855.47	2419.33
INTEREST ON OPERATING CAPITAL															23.11
TOTAL SPECIFIED COST															2442.44

Table 27.B Summary of estimated costs per acre, Potato(Sweet), fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		225.00	1.0000	225.00	_____
HERBICIDES		20.09	1.0000	20.09	_____
HIRED LABOR		240.00	1.0000	240.00	_____
INSECTICIDES		92.08	1.0000	92.08	_____
PACK & HARVEST ITEMS		600.00	1.0000	600.00	_____
SEED		198.30	1.0000	198.30	_____
HARVEST LABOR		480.00	1.0000	480.00	_____
Operator labor	hour	10.91	24.8800	271.42	_____
DIESEL FUEL	gal	3.25	5.9891	19.46	_____
GASOLINE	gal	3.00	27.8417	83.50	_____
REPAIR & MAINTENANCE		52.15	1.0000	52.15	_____
INTEREST ON OP. CAP.		23.11	1.0000	23.11	_____

TOTAL DIRECT EXPENSES				2305.11	_____
TOTAL FIXED EXPENSES				137.33	_____

TOTAL SPECIFIED EXPENSES				2442.44	_____

Table 27.C Effects of yields and prices on net returns per acre above total direct expenses, Potato, Sweet, fresh market one row equipment, average yield, Louisiana 2011.

Yield (Boxes)	-----Price Per Box-----				
	11.00	13.00	15.00	17.00	19.00
	-----Net Returns Per Acre-----				
150	-655.11	-355.11	-55.11	244.89	544.89
200	-105.11	294.89	694.89	1094.89	1494.89
250	444.89	944.89	1444.89	1944.89	2444.89
300	994.89	1594.89	2194.89	2794.89	3394.89
350	1544.89	2244.89	2944.89	3644.89	4344.89

Table 28.A Estimated resource use and costs for field operations per acre, Potato, Sweet, fresh market, six-row field equipment, two row riding harvester, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 6R	20 ft	150	0.100	3.00	Apr	8.47	5.81	4.37	6.54	0.33	3.60				28.79
Fertilizer buggy 8-24-24	30 ft lb	75	0.060	1.00	Apr	0.78	0.44	0.23	0.34	0.06	0.72				2.51
Fumigant applicator Telone II	6 R gal	150	0.090	1.00	Apr	2.54	1.74	0.41	1.07	0.09	1.08	500.0000	0.45	225.00	225.00
Hipper 6R	20 ft	150	0.090	2.00	Apr	5.08	3.48	0.89	1.33	0.19	2.16				6.84
Disk 6R	20 ft	150	0.100	1.00	Apr	2.82	1.94	1.46	2.18	0.11	1.20				84.00
Hipper 6R	20 ft	150	0.090	1.00	Apr	2.54	1.74	0.44	0.66	0.09	1.08				12.94
Hipper 6R	20 ft	150	0.090	1.00	Apr	2.54	1.74	0.44	0.66	0.09	1.08				9.60
Valor	20 ft	150	0.090	1.00	Apr	2.54	1.74	0.44	0.66	0.09	1.08				6.46
Hipper 6R	20 ft	150	0.090	1.00	Apr	2.54	1.74	0.44	0.66	0.09	1.08	7.5000	4.72	35.40	35.40
Lorsban 4E	pt														6.46
Trailer utility Sweet potato slips	10 ft acre	23	1.000	1.00	May	4.05	2.95	0.33	1.28	1.10	12.00	2.0000	6.20	12.40	12.40
Cut slip labor	hour											1.0000	198.30	198.30	20.61
Transplanter 4R	12 ft	75	0.600	1.00	May	7.80	4.37	1.52	5.27	0.66	7.20	5.0000	9.60	48.00	48.00
Planting labor	hour														26.16
Harvest crate	each											12.0000	9.60	115.20	115.20
Sprayer, boom Command	20 ft pt	105	0.120	1.00	May	2.11	1.09	1.10	1.23	0.13	1.44	3.0000	8.00	24.00	24.00
Ditcher	1.5 ft	23	0.050	1.00	May	0.20	0.15	0.19	0.29	0.05	0.60	1.3000	15.45	20.09	20.09
Sprayer, boom Penncap M	20 ft pt	105	0.120	1.00	Jun	2.11	1.09	1.10	1.23	0.13	1.44	2.0000	5.12	10.24	10.24
Cultivator 6R	20 ft	150	0.100	1.00	Jun	2.82	1.94	0.58	0.87	0.11	1.20				7.41
Ditcher	1.5 ft	23	0.050	1.00	Jun	0.20	0.15	0.19	0.29	0.05	0.60				1.43
Sprayer, boom Imidan	20 ft lb.	105	0.120	1.00	Jun	2.11	1.09	1.10	1.23	0.13	1.44	1.3000	9.85	12.81	12.81
Sprayer, boom Penncap M	20 ft pt	105	0.120	1.00	Jun	2.11	1.09	1.10	1.23	0.13	1.44	2.0000	5.12	10.24	10.24
Cultivator 6R	20 ft	150	0.100	1.00	Jul	2.82	1.94	0.58	0.87	0.11	1.20				7.41
Sprayer, boom Baythroid	20 ft oz	105	0.120	1.00	Jul	2.11	1.09	1.10	1.23	0.13	1.44	2.8000	2.36	6.61	6.61
Cultivator 6R	20 ft	150	0.100	1.00	Jul	2.82	1.94	0.58	0.87	0.11	1.20				7.41
Ditcher	1.5 ft	23	0.050	1.00	Jul	0.20	0.15	0.19	0.29	0.05	0.60				1.43
Sprayer, boom Penncap M	20 ft pt	105	0.120	1.00	Jul	2.11	1.09	1.10	1.23	0.13	1.44	2.0000	5.12	10.24	10.24
Sprayer, boom Brigade 2 EC	20 ft oz	105	0.120	1.00	Jul	2.11	1.09	1.10	1.23	0.13	1.44	3.2000	1.00	3.20	3.20
Sprayer, boom Penncap M	20 ft pt	105	0.120	1.00	Aug	2.11	1.09	1.10	1.23	0.13	1.44	2.0000	5.12	10.24	10.24
Coulter	4 row	0	0.140	1.00	Sep			0.30	0.46						0.76
Shredder 2R	6.7 ft	43	0.390	1.00	Sep	3.27	2.13	0.46	1.25	0.42	4.68				11.79
Trailer utility Other labor	10 ft hour	23	1.000	1.00	Sep	4.05	2.95	0.33	1.28	1.10	12.00	1.0000	9.60	9.60	20.61
Truck Other labor	2 ton hour														9.60
Harvester, riding 2R	2 row	130	2.000	1.00	Sep	46.58	32.00	5.48	9.54	2.20	24.00				80.36
Harvest labor Potato bins	hour each											7.0000	9.60	67.20	67.20
Fork lift			2.222	1.00	Sep	8.09	5.62			2.22	24.24				117.60
Truck	2 ton		1.000	1.00	Sep	16.10	13.17			1.00	10.91	32.0000	9.60	307.20	307.20
Fork lift			2.222	3.00	Nov	24.28	16.86			6.66	72.73	3.0000	75.00	225.00	225.00
Packing Packing boxes	each hour											240.0000	1.55	372.00	372.00
Other labor	hour											1.5000	9.60	14.40	14.40
Packing Line SP	each			1.00	Nov				4.12			0.0012			4.12
Packing	acre							7.75		30.00	288.00	1.0000			295.75
Irrigate	acre				May	0.24	0.19	33.61	22.39	0.24	2.42	1.0000		14.00	72.85
TOTALS						199.91	140.20	69.57	72.35	50.27	508.92			1835.37	2826.32
INTEREST ON OPERATING CAPITAL															22.85
TOTAL SPECIFIED COST															2849.17

Table 28.B Summary of estimated costs per acre, Potato, Sweet, fresh market, six-row field equipment, two row riding harvester, average yield, Louisiana 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		225.00	1.0000	225.00	_____
HERBICIDES		55.49	1.0000	55.49	_____
HIRED LABOR		254.40	1.0000	254.40	_____
INSECTICIDES		159.98	1.0000	159.98	_____
PACK & HARVEST ITEMS		621.00	1.0000	621.00	_____
SEED		198.30	1.0000	198.30	_____
PLASTIC		14.00	1.0000	14.00	_____
HARVEST LABOR		307.20	1.0000	307.20	_____
Hand Labor	hour	9.60	30.0000	288.00	_____
Irrigation Labor	hour	9.60	0.1750	1.68	_____
Operator labor	hour	10.91	20.0971	219.24	_____
DIESEL FUEL	gal	3.25	37.1943	120.87	_____
ELECTRICITY	kWh	0.14	37.5000	5.25	_____
GASOLINE	gal	3.00	13.5860	40.76	_____
LP GAS	cu ft	2.64	9.7777	25.81	_____
REPAIR & MAINTENANCE		76.79	1.0000	76.79	_____
INTEREST ON OP. CAP.		22.85	1.0000	22.85	_____

TOTAL DIRECT EXPENSES				2636.62	_____
TOTAL FIXED EXPENSES				212.55	_____

TOTAL SPECIFIED EXPENSES				2849.17	_____

Table 28.C Effects of yields and prices on net returns per acre above total direct expenses, Potato, Sweet, fresh market, four row equipment two row riding harvester, average yield, Louisiana, 2011.

Yield (Boxes)	-----Price Per Box-----				
	14.00	16.00	18.00	20.00	22.00
	-----Net Returns Per Acre-----				
150	-792.22	-612.22	-432.22	-252.22	-72.22
200	-589.42	-349.42	-109.42	130.58	370.58
250	-386.62	-86.62	213.38	513.38	813.38
300	-183.82	176.18	536.18	896.18	1256.18
350	18.98	438.98	858.98	1278.98	1698.98

Table 29.A Estimated resource use and costs for field operations per acre, Pumpkins, irrigated, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jun							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Jun	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	1.00	Jul	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk & herb appl 2R	6 ft	23	0.590	1.00	Jul	2.39	1.74	0.83	1.24	0.64	7.08				13.28
Command	pt											1.0000	15.45	15.45	15.45
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jul	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											500.0000	0.45	225.00	225.00
Hipper 1R	3 ft	23	1.530	1.00	Jul	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Conditioner, row 1R	6 ft	23	0.410	1.00	Jul	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Planter 1R	3 ft	23	1.500	1.00	Jul	6.06	4.43	0.52	0.89	1.65	18.00				29.90
Pumpkin seed	lb											2.5000	85.00	212.50	212.50
Ditcher	1.5 ft	23	0.050	0.50	Jul	0.10	0.07	0.10	0.14	0.02	0.30				0.71
Cultivator 1R	3 ft	23	1.530	1.00	Aug	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Aug	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Thiodan	lb											0.5000	6.50	3.25	3.25
Cultivate & fert 1R	3 ft	23	1.610	1.00	Aug	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.0000	18.00	18.00	18.00
Cultivator 1R	3 ft	23	1.530	1.00	Aug	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Ditcher	1.5 ft	23	0.050	1.00	Aug	0.20	0.15	0.19	0.29	0.05	0.60				1.43
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											0.6000	9.50	5.70	5.70
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ridomil + Bravo	lb											3.0000	17.00	51.00	51.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Cultivator 1R	3 ft	23	1.530	1.00	Sep	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											0.6000	9.50	5.70	5.70
Ridomil + Bravo	lb											3.0000	17.00	51.00	51.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											0.6000	9.50	5.70	5.70
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Topsin M	lb											0.5000	15.00	7.50	7.50
Ridomil + Bravo	lb											3.0000	17.00	51.00	51.00
Harvest labor	hour			1.00	Oct							30.0000	9.60	288.00	288.00
Trailer utility	10 ft	23	1.000	2.00	Oct	8.09	5.90	0.67	2.56	2.20	24.00				41.22
Pickup truck	1/2 ton		1.000	10.00	Oct	103.13	69.71			10.00	109.10				281.94
Shredder 2R	6.7 ft	43	0.390	1.00	Oct	3.27	2.13	0.46	1.25	0.42	4.68				11.79
Disk 2R	6 ft	43	0.570	1.00	Oct	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Irrigate	acre				Jul	0.24	0.19	40.46	50.63	0.34	3.38	1.0000		140.00	234.90
TOTALS						182.35	126.21	63.64	85.26	29.35	319.90			1123.56	1900.92
INTEREST ON OPERATING CAPITAL															17.13
TOTAL SPECIFIED COST															1918.05

Table 29.B Summary of estimated costs per acre, Pumpkins, irrigated, fresh market, one row equipment, average yield, Louisiana 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		273.68	1.0000	273.68	_____
FUNGICIDES		160.50	1.0000	160.50	_____
HERBICIDES		28.53	1.0000	28.53	_____
INSECTICIDES		20.35	1.0000	20.35	_____
SEED		212.50	1.0000	212.50	_____
PLASTIC		140.00	1.0000	140.00	_____
HARVEST LABOR		288.00	1.0000	288.00	_____
Irrigation Labor	hour	9.60	0.2750	2.64	_____
Operator labor	hour	10.91	29.0816	317.26	_____
DIESEL FUEL	gal	3.25	4.6548	15.11	_____
ELECTRICITY	kWh	0.14	280.0000	39.20	_____
GASOLINE	gal	3.00	42.2155	126.62	_____
REPAIR & MAINTENANCE		65.06	1.0000	65.06	_____
INTEREST ON OP. CAP.		17.13	1.0000	17.13	_____

TOTAL DIRECT EXPENSES				1706.58	_____
TOTAL FIXED EXPENSES				211.47	_____

TOTAL SPECIFIED EXPENSES				1918.05	_____

Table 29.C Effects of yields and prices on net returns per acre above total direct expenses, Pumpkins, irrigated, fresh, one row equipment, Louisiana, 2011.

Yield (Cwt)	-----Price Per Cwt-----				
	10.00	11.00	12.00	13.00	14.00
	-----Net Returns Per Acre-----				
110	-520.18	-410.18	-300.18	-190.18	-80.18
140	-263.38	-123.38	16.62	156.62	296.62
170	-6.58	163.42	333.42	503.42	673.42
200	250.22	450.22	650.22	850.22	1050.22
230	507.02	737.02	967.02	1197.02	1427.02

Table 30.A Estimated resource use and costs for field operations per acre, Shallots, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 2R	6 ft	43	0.570	3.00	Aug	14.36	9.36	1.67	2.50	1.88	20.52				48.41
Hipper-fert dist 1R 8-24-24	3 ft lb	23	1.550	1.00	Aug	6.27	4.57	3.70	5.53	1.70	18.60	400.0000	0.45	180.00	180.00
Hipper 1R	3 ft	23	1.530	2.00	Aug	12.38	9.03	4.26	6.38	3.36	36.72				68.77
Trailer utility	10 ft	23	1.000	1.00	Aug	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Planting labor	hour											20.0000	9.60	192.00	192.00
Shallots sets	lb											300.0000	4.00	1200.00	1200.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Malathion	pt											0.6000	4.23	2.54	2.54
Buffer	pt											1.0000	2.00	2.00	2.00
Ridomil Gold + Bravo	lb											3.0000	17.00	51.00	51.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Prowl	pt											1.5000	4.89	7.33	7.33
Cultivator 1R	3 ft	23	1.530	1.00	Sep	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Cultivate & fert 1R	3 ft	23	1.610	1.00	Oct	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.0000	18.00	18.00	18.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Malathion	pt											0.6000	4.23	2.54	2.54
Buffer	pt											1.0000	2.00	2.00	2.00
Ridomil Gold + Bravo	lb											3.0000	17.00	51.00	51.00
Cultivator 1R	3 ft	23	1.530	1.00	Oct	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Cultivator 1R	3 ft	23	1.530	1.00	Nov	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Spintor	oz											4.0000	5.34	21.36	21.36
Buffer	pt											1.0000	2.00	2.00	2.00
Lifter blade	1 row	43	1.500	1.00	Jan	12.59	8.21	1.17	2.57	1.65	18.00				42.54
Harvest labor	hour				Jan							25.0000	9.60	240.00	240.00
Harvest container	each											4.0000	3.88	15.52	15.52
Packing labor	hour				Jan							140.0000	9.60	1344.00	1344.00
Rubber bands	lb				Jan							2.0000	5.00	10.00	10.00
Packing crates	each				Jan							400.0000	1.20	480.00	480.00
Ice	cwt				Jan							40.0000	2.50	100.00	100.00
Pickup truck	1/2 ton		1.000	6.00	Jan	61.88	41.83			6.00	65.46				169.17
Middle buster 1R	3 ft	23	1.530	1.00	Jan	6.19	4.52	0.67	1.01	1.68	18.36				30.75
Disk 2R	6 ft	43	0.570	2.00	Jan	9.58	6.24	1.12	1.67	1.25	13.68				32.29
TOTALS						161.62	111.78	24.34	36.75	27.97	305.22			3921.29	4561.00
INTEREST ON OPERATING CAPITAL															52.27
TOTAL SPECIFIED COST															4613.27

Table 30.B Summary of estimated costs per acre, Shallots, fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		198.00	1.0000	198.00	_____
FUNGICIDES		102.00	1.0000	102.00	_____
HERBICIDES		7.33	1.0000	7.33	_____
HIRED LABOR		192.00	1.0000	192.00	_____
INSECTICIDES		32.44	1.0000	32.44	_____
PACK & HARVEST ITEMS		605.52	1.0000	605.52	_____
SEED		1200.00	1.0000	1200.00	_____
HARVEST LABOR		1584.00	1.0000	1584.00	_____
Operator labor	hour	10.91	27.9780	305.22	_____
DIESEL FUEL	gal	3.25	9.6135	31.24	_____
GASOLINE	gal	3.00	32.6619	97.98	_____
REPAIR & MAINTENANCE		56.74	1.0000	56.74	_____
INTEREST ON OP. CAP.		52.27	1.0000	52.27	_____

TOTAL DIRECT EXPENSES				4464.74	_____
TOTAL FIXED EXPENSES				148.53	_____

TOTAL SPECIFIED EXPENSES				4613.27	_____

Table 30.C Effects of yields and prices on net returns per acre above total direct expenses, Shallots, fresh market, one row equipment, average yield, Louisiana, 2011.

Yield (Dozen Bunches)	-----Price Per Dozen Bunches-----				
	3.50	4.00	4.50	5.00	5.50
	-----Net Returns Per Acre-----				
1000	927.26	1427.26	1927.26	2427.26	2927.26
1500	1731.26	2481.26	3231.26	3981.26	4731.26
2000	2535.26	3535.26	4535.26	5535.26	6535.26
2500	3339.26	4589.26	5839.26	7089.26	8339.26
3000	4143.26	5643.26	7143.26	8643.26	10143.26

Table 31.A Estimated resource use and costs for field operations per acre, Squash, Yellow Summer, hybrid, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Conditioner, row 1R	6 ft	23	0.410	1.00	Feb	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Lime (spread)	ton											0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	2.00	Feb	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Disk 2R	6 ft	43	0.570	1.00	Mar	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	2.00	Mar	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											500.0000	0.45	225.00	225.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Planter 1R	3 ft	23	1.500	1.00	Mar	6.06	4.43	0.52	0.89	1.65	18.00				29.90
Yellow squash seed	1000											4.0000	20.00	80.00	80.00
Other labor	hour			1.00	Apr							15.0000	9.60	144.00	144.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.0000	18.00	18.00	18.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Thionex	pt											1.0000	4.60	4.60	4.60
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Quadris	oz											6.0000	3.00	18.00	18.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Quadris	oz											6.0000	3.00	18.00	18.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											1.5000	7.75	11.63	11.63
Capture	oz											4.5000	2.20	9.90	9.90
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											0.6000	9.50	5.70	5.70
Bravo	pt											1.5000	7.75	11.63	11.63
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Capture	oz											4.5000	2.20	9.90	9.90
Quadris	oz											6.0000	3.00	18.00	18.00
Trailer utility	10 ft	23	1.000	1.00	Jun	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	hour											110.0000	9.60	1056.00	1056.00
Harvest container	each											8.0000	3.88	31.04	31.04
Packing				1.00	Jun										
Packing labor	hour											12.0000	9.60	115.20	115.20
Packing boxes	each											375.0000	1.65	618.75	618.75
Pickup truck	1/2 ton		1.000	10.00	Jun	103.13	69.71			10.00	109.10				281.94
Shredder 1R	5 ft	23	0.740	1.00	Jun	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Disk 2R	6 ft	43	0.570	1.00	Jun	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Pack line/wet/small	each			1.00	Jun				109.31			0.1000			109.31
Packing	acre							6.56		30.00	288.00	1.0000			294.56
TOTALS						178.77	122.69	27.33	139.60	56.53	577.46			2439.11	3484.96
INTEREST ON OPERATING CAPITAL															20.06
TOTAL SPECIFIED COST															3505.02

Table 31.B Summary of estimated costs per acre, Squash(Yellow Summer), hybrid, fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		273.68	1.0000	273.68	_____
FUNGICIDES		77.26	1.0000	77.26	_____
HERBICIDES		13.08	1.0000	13.08	_____
HIRED LABOR		144.00	1.0000	144.00	_____
INSECTICIDES		30.10	1.0000	30.10	_____
PACK & HARVEST ITEMS		649.79	1.0000	649.79	_____
SEED		80.00	1.0000	80.00	_____
HARVEST LABOR		1171.20	1.0000	1171.20	_____
Hand Labor	hour	9.60	30.0000	288.00	_____
Operator labor	hour	10.91	26.5330	289.46	_____
DIESEL FUEL	gal	3.25	7.5582	24.56	_____
ELECTRICITY	kWh	0.14	35.0000	4.90	_____
GASOLINE	gal	3.00	38.1193	114.33	_____
REPAIR & MAINTENANCE		62.31	1.0000	62.31	_____
INTEREST ON OP. CAP.		20.06	1.0000	20.06	_____

TOTAL DIRECT EXPENSES				3242.73	_____
TOTAL FIXED EXPENSES				262.29	_____

TOTAL SPECIFIED EXPENSES				3505.02	_____

Table 31.C Effects of yields and prices on net returns per acre above total direct expenses, Squash (Yellow Summer), hybrid, fresh market, one row equipment, average yield, Louisiana, 2011.

Yield (Boxes)	-----Price Per Box-----				
	8.00	9.00	10.00	11.00	12.00
	-----Net Returns Per Acre-----				
275	-537.36	-262.36	12.64	287.64	562.64
325	-390.05	-65.05	259.95	584.95	909.95
375	-242.73	132.27	507.27	882.27	1257.27
425	-95.41	329.59	754.59	1179.59	1604.59
475	51.90	526.90	1001.90	1476.90	1951.90

Table 32.A Estimated resource use and costs for field operations per acre, Strawberries, drip irrigated, fresh market, plastic mulch, row covers, four row equipment, high yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jun							0.6670	46.00	30.68	30.68
Disk 6R	20 ft	150	0.100	2.00	Jun	5.64	3.87	2.91	4.36	0.22	2.40				19.18
Hipper 4R	13.3 ft	75	0.160	1.00	Jun	2.08	1.17	0.59	0.89	0.17	1.92				6.65
Fertilizer dist(PTO)	20 ft	23	0.110	1.00	Jun	0.44	0.32	0.12	0.17	0.12	1.32				2.37
Southern pea seed	lb											50.0000	3.50	175.00	175.00
Harrow, spike	18 ft	75	0.080	1.00	Jun	1.04	0.58	0.33	0.50	0.08	0.96				3.41
Shredder 2R	6.7 ft	43	0.390	1.00	Jul	3.27	2.13	0.46	1.25	0.42	4.68				11.79
Disk 4R	13.3 ft	75	0.150	2.00	Jul	3.90	2.19	2.36	3.53	0.33	3.60				15.58
Middle buster 4R	4R	105	0.300	1.00	Aug	5.28	2.73	1.58	2.37	0.33	3.60				15.56
Ditcher	1.5 ft	23	0.050	1.00	Aug	0.20	0.15	0.19	0.29	0.05	0.60				1.43
Fertilizer applicatr	20 ft	105	0.090	1.00	Sep	0.18	0.82	0.42	0.63	0.09	1.08				3.13
Nitrogen	lb											75.0000	0.51	38.25	38.25
Phosphorus	lb											1.7500	0.63	1.10	1.10
Potash	lb											160.0000	0.48	76.80	76.80
Ditcher	1.5 ft	23	0.050	1.00	Sep	0.20	0.15	0.19	0.29	0.05	0.60				1.43
Row shaper	4R	75	0.300	1.00	Sep	3.90	2.19	0.79	1.19	0.33	3.60				11.67
Ditcher	1.5 ft	23	0.050	1.00	Sep	0.20	0.15	0.19	0.29	0.05	0.60				1.43
Plastic & fumigation	5 ft	23	1.500	1.00	Sep	6.06	4.43	3.15	6.91	4.65	50.73				71.28
Pickup truck	1/2 ton		1.000			10.31	6.97			1.00	10.91				28.19
Plastic 54"	roll											5.0000	120.00	600.00	600.00
Methyl bromide	lbs											175.0000	5.50	962.50	962.50
Other labor	hour											13.0000	9.60	124.80	124.80
T-tape, drip irrig.	roll											3.0000	147.50	442.50	442.50
Hole Puncher 1R	3 ft	23	0.750	1.00	Oct	3.03	2.21	0.63	1.10	0.82	9.00				15.97
Trailer small	8 ft	23	1.000	1.00	Oct	4.05	2.95	0.31	1.18	1.10	12.00				20.49
Pickup truck	1/2 ton		1.000			10.31	6.97			1.00	10.91				28.19
Strawberry bare root	1000											15.0000	126.00	1890.00	1890.00
Contract planting, 1	1000											15.0000	22.00	330.00	330.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Aliette	lb											3.0000	12.60	37.80	37.80
Quadris	oz											8.0000	3.00	24.00	24.00
Other labor	hour											3.0000	9.60	28.80	28.80
CaNO3, water sol.	lb			4.00	Oct							100.0000	0.80	80.00	80.00
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Princep	lb											0.7000	3.75	2.63	2.63
Gramoxone	pt											2.0000	5.46	10.92	10.92
Surfactant	pt											1.0000	2.00	2.00	2.00
CaNO3, water sol.	lb			4.00	Nov							100.0000	0.80	80.00	80.00
Trailer small	8 ft	23	1.000	1.00	Nov	4.05	2.95	0.31	1.18	1.10	12.00				20.49
Pickup truck	1/2 ton		1.000			10.31	6.97			1.00	10.91				28.19
Row covers 2 oz	sq yd											4900.0000	0.38	1862.00	1862.00
Other labor	hour											12.0000	9.60	115.20	115.20
Rice Bags	100											6.0000	20.00	120.00	120.00
Sprayer, boom	12 ft	23	0.190	2.00	Dec	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Kocide	lb											3.0000	7.50	22.50	22.50
CaNO3, water sol.	lb			2.00	Dec							50.0000	0.80	40.00	40.00
Sprayer, boom	12 ft	23	0.190	2.00	Dec	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Captan	lb											6.0000	5.62	33.72	33.72
Rally	oz											6.0000	4.00	24.00	24.00
CaNO3, water sol.	lb			2.00	Jan							50.0000	0.80	40.00	40.00
Other labor	hour			1.00	Jan							18.0000	9.60	172.80	172.80
Pickup truck	1/2 ton		1.000	1.00	Feb	10.31	6.97			1.00	10.91				28.19
Clean berry plants	hour											60.0000	9.60	576.00	576.00
Sprayer, boom	12 ft	23	0.190	1.00	Feb	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Gramoxone	pt											2.0000	5.46	10.92	10.92
Surfactant	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	8.00	Feb	6.15	4.49	7.06	7.93	1.67	18.24				43.87
Switch	oz											96.0000	4.20	403.20	403.20
CaNO3, water sol.	lb			2.00	Feb							50.0000	0.80	40.00	40.00
Other labor	hour			1.00	Feb							18.0000	9.60	172.80	172.80
Pickup truck	1/2 ton		1.000	1.00	Mar	10.31	6.97			1.00	10.91				28.19
Strip berry labor	hour											15.0000	9.60	144.00	144.00
CaNO3, water sol.	lb			4.00	Mar							100.0000	0.80	80.00	80.00
Sprayer, boom	12 ft	23	0.190	8.00	Mar	6.15	4.49	7.06	7.93	1.67	18.24				43.87
Pristine	oz											160.0000	3.75	600.00	600.00
Captan	lb											24.0000	5.62	134.88	134.88
Sprayer, boom	12 ft	23	0.190	2.00	Mar	1.54	1.12	1.77	1.98	0.41	4.56				10.97
AgriMek	pt											2.0000	44.50	89.00	89.00
Truck	1 ton		1.000	1.00	Mar	13.00	10.54			1.10	12.00				35.54
Harvest Strawberry	flat											1100.0000	2.00	2200.00	2200.00
Flats	each											1100.0000	2.00	2200.00	2200.00
Packing labor	hour											9.0000	9.60	86.40	86.40
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Quadris	oz											16.0000	3.00	48.00	48.00
Captan	lb											6.0000	5.62	33.72	33.72
CaNO3, water sol.	lb			4.00	Apr							100.0000	0.80	80.00	80.00
Truck	1 ton		1.000	1.00	Apr	13.00	10.54			1.10	12.00				35.54
Harvest labor	flat											1100.0000	2.00	2200.00	2200.00
Flats	each											1100.0000	2.00	2200.00	2200.00
Packing labor	hour											9.0000	9.60	86.40	86.40
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Gramoxone	pt											2.0000	5.46	10.92	10.92
Surfactant	pt											1.0000	2.00	2.00	2.00
Coulter	1 row	23	1.500	1.00	May	6.06	4.43	0.64	0.99	1.65	18.00				30.12
Trailer utility	10 ft	23	1.000	1.00	May	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Truck	1 ton		1.000			13.00	10.54			1.10	12.00				35.54
Other labor	hour											35.0000	9.60	336.00	336.00
Coulter	1 row	23	1.500	1.00	May	6.06	4.43	0.64	0.99	1.65	18.00				30.12

Table 32.A. Continued

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES RATE OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
					DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
Irrigate	acre			Sep	-----dollars-----		-----dollars-----		dollars		-----dollars-----			279.11
							118.87	45.04	12.00	115.20	1.0000			
TOTALS					171.74	122.97	159.73	102.17	40.51	426.28		19104.24		20087.13
INTEREST ON OPERATING CAPITAL														297.93
TOTAL SPECIFIED COST														20386.71

Table 32.B Summary of estimated costs per acre, Strawberries, drip irrigated, fresh market, plastic mulch, row covers, four row equipment, high yield, Louisiana 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		586.83	1.0000	586.83	_____
FUNGICIDES		1361.82	1.0000	1361.82	_____
HERBICIDES		41.39	1.0000	41.39	_____
HIRED LABOR		2000.40	1.0000	2000.40	_____
INSECTICIDES		89.00	1.0000	89.00	_____
PACK & HARVEST ITEMS		4400.00	1.0000	4400.00	_____
SEED		175.00	1.0000	175.00	_____
STAKES & TWINE		442.50	1.0000	442.50	_____
PLASTIC		600.00	1.0000	600.00	_____
FUMIGANT		962.50	1.0000	962.50	_____
PLANTS		1890.00	1.0000	1890.00	_____
HARVEST LABOR		4572.80	1.0000	4572.80	_____
ROW COVERS		1982.00	1.0000	1982.00	_____
Irrigation Labor	hour	9.60	12.0000	115.20	_____
Operator labor	hour	10.91	28.5150	311.08	_____
DIESEL FUEL	gal	3.25	6.7109	21.80	_____
ELECTRICITY	kWh	0.14	852.0000	119.25	_____
GASOLINE	gal	3.00	37.1279	111.35	_____
REPAIR & MAINTENANCE		80.72	1.0000	80.72	_____
INTEREST ON OP. CAP.		297.93	1.0000	297.93	_____

TOTAL DIRECT EXPENSES				20161.57	_____
TOTAL FIXED EXPENSES				225.14	_____

TOTAL SPECIFIED EXPENSES				20386.71	_____

Table 32.C Effects of yields and prices on net returns per acre above total direct expenses, Strawberries, drip irrigated, fresh market, four row equipment, row covers, high yield, Louisiana, 2010.

Yield (Flats)	-----Price Per Flat-----				
	9.00	11.00	13.00	15.00	17.00
	-----Net Returns Per Acre-----				
1800	-2261.57	1338.43	4938.43	8538.43	12138.43
2000	-1311.57	2688.43	6688.43	10688.43	14688.43
2200	-361.57	4038.43	8438.43	12838.43	17238.43
2400	588.43	5388.43	10188.43	14988.43	19788.43
2600	1538.43	6738.43	11938.43	17138.43	22338.43

Table 33.A Estimated resource use and costs for field operations per acre, Strawberry, plug plants, irrigated, fresh market, hoop row covers, plastic mulch, four row equipment, high yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 4R	13.3 ft	75	0.150	2.00	Jun	3.90	2.19	2.36	3.53	0.33	3.60				15.58
Lime (spread)	ton											4.0000	46.00	184.00	184.00
Fertilizer dist(PTO)	20 ft	23	0.110	1.00	Jun	0.44	0.32	0.12	0.17	0.12	1.32				2.37
Southern pea seed	lb											50.0000	3.50	175.00	175.00
Harrow, spike	18 ft	75	0.080	1.00	Jun	1.04	0.58	0.33	0.50	0.08	0.96				3.41
Hipper 4R	13.3 ft	75	0.160	2.00	Jun	4.16	2.33	1.19	1.77	0.35	3.84				13.29
Disk 4R	13.3 ft	75	0.150	2.00	Jul	3.90	2.19	2.36	3.53	0.33	3.60				15.58
Shredder 2R	6.7 ft	43	0.390	1.00	Aug	3.27	2.13	0.46	1.25	0.42	4.68				11.79
Fertilizer applicatr	20 ft	105	0.090	1.00	Aug	0.18	0.82	0.42	0.63	0.09	1.08				3.13
8-24-24	lb											700.0000	0.45	315.00	315.00
Hipper 4R	13.3 ft	75	0.160	2.00	Aug	4.16	2.33	1.19	1.77	0.35	3.84				13.29
Row shaper	4R	75	0.300	2.00	Aug	7.80	4.37	1.58	2.37	0.66	7.20				23.32
Plastic & fumigation	5 ft	23	1.500	1.00	Sep	6.06	4.43	3.15	6.91	4.65	50.73				71.28
Pickup truck	1/2 ton		1.000			10.31	6.97			1.00	10.91				28.19
Plastic 54"	roll											5.0000	120.00	600.00	600.00
Methyl bromide	lbs											200.0000	5.50	1100.00	1100.00
Laying Plastic	acre											5.0000	15.00	75.00	75.00
T-tape, drip irrig.	roll											1.5000	147.50	221.25	221.25
Other labor	hour											15.0000	9.60	144.00	144.00
Hole puncher 4R	4 row	75	0.330	1.00	Sep			0.79	1.74						2.53
Pickup truck	1/2 ton		1.000			10.31	6.97			1.00	10.91				28.19
Strawberry Plug	1000											18.8000	300.00	5640.00	5640.00
Contract planting,	1 1000											18.8000	22.00	413.60	413.60
Sprayer, boom	12 ft	23	0.190	2.00	Oct	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Rally	oz											6.0000	4.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	2.00	Oct	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Kocide	lb											3.0000	7.50	22.50	22.50
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Princep	lb											0.7000	3.75	2.63	2.63
Gramoxone	pt											1.5000	5.46	8.19	8.19
Surfactant	pt											1.0000	2.00	2.00	2.00
Pickup truck	1/2 ton		1.000	1.00	Nov	10.31	6.97			1.00	10.91				28.19
CaNO3, water sol.	lb											100.0000	0.80	80.00	80.00
Other labor	hour											1.0000	9.60	9.60	9.60
Sprayer, boom	12 ft	23	0.190	12.00	Nov	9.23	6.73	10.60	11.89	2.50	27.36				65.81
Switch	oz											144.0000	4.20	604.80	604.80
Trailer small	8 ft	23	1.000	1.00	Nov	4.05	2.95	0.31	1.18	1.10	12.00				20.49
Pickup truck	1/2 ton		1.000			10.31	6.97			1.00	10.91				28.19
Hoops, wire, berry	100											10.0000	110.00	1100.00	1100.00
Other labor	hour											50.0000	9.60	480.00	480.00
Tying twine	box											4.0000	7.50	30.00	30.00
Stake, short	100											1.0000	65.00	65.00	65.00
Trailer small	8 ft	23	1.000	1.00	Nov	4.05	2.95	0.31	1.18	1.10	12.00				20.49
Pickup truck	1/2 ton		1.000			10.31	6.97			1.00	10.91				28.19
Row covers 2 oz	sq yd											4900.0000	0.38	1862.00	1862.00
Other labor	hour											12.0000	9.60	115.20	115.20
Rice Bags	100											6.0000	20.00	120.00	120.00
Sprayer, boom	12 ft	23	0.190	12.00	Nov	9.23	6.73	10.60	11.89	2.50	27.36				65.81
Captan	lb											36.0000	5.62	202.32	202.32
Pristine	oz											240.0000	3.75	900.00	900.00
Pickup truck	1/2 ton		1.000	1.00	Dec	10.31	6.97			1.00	10.91				28.19
Other labor	hour											1.0000	9.60	9.60	9.60
CaNO3, water sol.	lb			4.00	Dec							100.0000	0.80	80.00	80.00
Sprayer, boom	12 ft	23	0.190	2.00	Dec	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Kocide	lb											3.0000	7.50	22.50	22.50
Sprayer, boom	12 ft	23	0.190	1.00	Dec	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Captan	lb											3.0000	5.62	16.86	16.86
Rally	oz											3.0000	4.00	12.00	12.00
CaNO3, water sol.	lb			4.00	Jan							60.0000	0.80	48.00	48.00
Sprayer, boom	12 ft	23	0.190	12.00	Jan	9.23	6.73	10.60	11.89	2.50	27.36				65.81
Switch	oz											144.0000	4.20	604.80	604.80
CaNO3, water sol.	lb			4.00	Feb							60.0000	0.80	48.00	48.00
Pickup truck	1/2 ton		1.000	1.00	Feb	10.31	6.97			1.00	10.91				28.19
Clean berry plants	hour											60.0000	9.60	576.00	576.00
Sprayer, boom	12 ft	23	0.190	1.00	Feb	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Gramoxone	pt											2.0000	5.46	10.92	10.92
Surfactant	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	8.00	Feb	6.15	4.49	7.06	7.93	1.67	18.24				43.87
Switch	oz											96.0000	4.20	403.20	403.20
Other labor	hour			1.00	Feb							18.0000	9.60	172.80	172.80
CaNO3, water sol.	lb			4.00	Mar							100.0000	0.80	80.00	80.00
Strip berry labor	hour			1.00	Mar							15.0000	9.60	144.00	144.00
Sprayer, boom	12 ft	23	0.190	8.00	Mar	6.15	4.49	7.06	7.93	1.67	18.24				43.87
Pristine	oz											160.0000	3.75	600.00	600.00
Captan	lb											24.0000	5.62	134.88	134.88
Sprayer, boom	12 ft	23	0.190	2.00	Mar	1.54	1.12	1.77	1.98	0.41	4.56				10.97
AgriMek	pt											2.0000	44.50	89.00	89.00
Truck	1 ton		1.000	1.00	Mar	13.00	10.54			1.10	12.00				35.54
Harvest Strawberry	flat											1500.0000	2.00	3000.00	3000.00
Flats	each											1500.0000	2.00	3000.00	3000.00
Packing labor	hour											9.0000	9.60	86.40	86.40
CaNO3, water sol.	lb			4.00	Apr							100.0000	0.80	80.00	80.00
Sprayer, boom	12 ft	23	0.190	4.00	Apr	3.08	2.24	3.53	3.96	0.83	9.12				21.93
Quadris	oz											32.0000	3.00	96.00	96.00
Captan	lb											12.0000	5.62	67.44	67.44
Sprayer, boom	12 ft	23	0.190	4.00	Apr	3.08	2.24	3.53	3.96	0.83	9.12				21.93
Quadris	oz											32.0000	3.00	96.00	96.00
Truck	1 ton		1.000	1.00	Apr	13.00	10.54			1.10	12.00				35.54

Table 33.A. Continued

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
							-----dollars-----				dollars		-----dollars-----		
Harvest Strawberry	flat											1500.0000	2.00	3000.00	3000.00
Flats	each											1500.0000	2.00	3000.00	3000.00
Packing labor	hour											9.0000	9.60	86.40	86.40
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Gramoxone	pt											2.0000	5.46	10.92	10.92
Surfactant	pt											1.5000	2.00	3.00	3.00
Coulter	1 row	23	1.500	1.00	Jun	6.06	4.43	0.64	0.99	1.65	18.00				30.12
Trailer utility	10 ft	23	1.000	1.00	Jun	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Truck	1 ton		1.000			13.00	10.54			1.10	12.00				35.54
Other labor	hour											35.0000	9.60	336.00	336.00
Irrigate	acre				Dec			118.87	45.04	12.00	115.20	1.0000			279.11
TOTALS						219.64	155.75	197.99	145.17	49.70	526.58			30412.81	31657.94
INTEREST ON OPERATING CAPITAL															652.33
TOTAL SPECIFIED COST															32311.92

Table 33.B Summary of estimated costs per acre, Strawberry, plug plants, irrigated, fresh market, hoop row covers, plastic mulch, four row equipment, high yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		915.00	1.0000	915.00	_____
FUNGICIDES		3807.30	1.0000	3807.30	_____
HERBICIDES		39.66	1.0000	39.66	_____
HIRED LABOR		2400.80	1.0000	2400.80	_____
INSECTICIDES		89.00	1.0000	89.00	_____
PACK & HARVEST ITEMS		6000.00	1.0000	6000.00	_____
SEED		175.00	1.0000	175.00	_____
STAKES & TWINE		316.25	1.0000	316.25	_____
PLASTIC		600.00	1.0000	600.00	_____
FUMIGANT		1100.00	1.0000	1100.00	_____
PLANTS		5640.00	1.0000	5640.00	_____
CUSTOM		75.00	1.0000	75.00	_____
HARVEST LABOR		6172.80	1.0000	6172.80	_____
ROW COVERS		3082.00	1.0000	3082.00	_____
Irrigation Labor	hour	9.60	12.0000	115.20	_____
Operator labor	hour	10.91	37.7090	411.38	_____
DIESEL FUEL	gal	3.25	7.5819	24.64	_____
ELECTRICITY	kWh	0.14	852.0000	119.25	_____
GASOLINE	gal	3.00	48.8627	146.57	_____
REPAIR & MAINTENANCE		128.82	1.0000	128.82	_____
INTEREST ON OP. CAP.		652.33	1.0000	652.33	_____
TOTAL DIRECT EXPENSES				32011.00	_____
TOTAL FIXED EXPENSES				300.92	_____
TOTAL SPECIFIED EXPENSES				32311.92	_____

Table 33.C 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, 2011.

Yield (Flats)	-----Price Per Flat-----				
	12.00	14.00	16.00	18.00	20.00
	-----Net Returns Per Acre-----				
2500	114.00	5114.00	10114.00	15114.00	20114.00
2750	2051.50	7551.50	13051.50	18551.50	24051.50
3000	3989.00	9989.00	15989.00	21989.00	27989.00
3250	5926.50	12426.50	18926.50	25426.50	31926.50
3500	7864.00	14864.00	21864.00	28864.00	35864.00

Table 34.A Estimated resource use and costs for field operation per acre, Tomato, fresh market, one row equipment, trellis, bare soil, 60" skip rows, 5000 plants per acre, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	1.00	Jan	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Disk 2R	6 ft	43	0.570	2.00	Feb	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Hipper 1R	3 ft	23	1.530	1.00	Feb	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.27	4.57	3.70	5.53	1.70	18.60				38.67
13-13-13	lb											700.0000	0.32	224.00	224.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sencor	pt											1.0000	14.85	14.85	14.85
Treflan	pt											1.0000	3.18	3.18	3.18
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	3.03	2.21	0.63	1.10	0.82	9.00				15.97
Trailer utility	10 ft	23	1.000	1.00	Mar	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Tomato plants	100											25.0000	8.50	212.50	212.50
Planting labor	hour											30.0000	9.60	288.00	288.00
Trailer, water	10 ft	43	1.000	1.00	Mar	8.40	5.47	0.63	2.76	1.10	12.00				29.26
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sencor	pt											1.0000	14.85	14.85	14.85
Trailer utility	10 ft	23	1.000	1.00	Mar	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Stake replacement	100											12.0000	15.00	180.00	180.00
Other labor	hour											15.0000	9.60	144.00	144.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											2.0000	7.75	15.50	15.50
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Apr	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	9.60	96.00	96.00
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Manzate	lb											4.0000	3.84	15.36	15.36
Kocide	lb											4.0000	7.50	30.00	30.00
Lannate	pt											6.0000	8.81	52.86	52.86
Buffer	pt											2.0000	2.00	4.00	4.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.5000	18.00	27.00	27.00
Trailer utility	10 ft	23	1.000	1.00	Apr	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	9.60	96.00	96.00
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Bravo	pt											4.0000	7.75	31.00	31.00
Buffer	pt											2.0000	2.00	4.00	4.00
Ambush	pt											1.0000	15.00	15.00	15.00
Trailer utility	10 ft	23	1.000	1.00	May	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Twine	roll											1.0000	25.00	25.00	25.00
Other labor	hour											10.0000	9.60	96.00	96.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Manzate	lb											2.0000	3.84	7.68	7.68
Kocide	lb											2.0000	7.50	15.00	15.00
Lannate	pt											3.0000	8.81	26.43	26.43
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											1.5000	18.00	27.00	27.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Quadris	oz											8.0000	3.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											2.0000	7.75	15.50	15.50
Sevin	lb											1.2500	9.50	11.88	11.88
Buffer	pt											1.2500	2.00	2.50	2.50
Sprayer, boom	12 ft	23	0.190	2.00	May	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Ridomil + Bravo	lb											6.0000	17.00	102.00	102.00
Sevin	lb											2.5000	9.50	23.75	23.75
Buffer	pt											2.5000	2.00	5.00	5.00
Cultivator 1R	3 ft	23	1.530	1.00	May	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	2.00	Jun	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Quadris	oz											16.0000	3.00	48.00	48.00
Trailer utility	10 ft	23	1.000	2.00	Jun	8.09	5.90	0.67	2.56	2.20	24.00				41.22
Harvest labor	hour											80.0000	9.60	768.00	768.00
Harvest container	each											8.0000	3.88	31.04	31.04
Other labor	hour			1.00	Jun							2.5000	9.60	24.00	24.00
Packing				1.00	Jun										
Packing labor	hour											40.0000	9.60	384.00	384.00
Lug boxes	each											700.0000	1.85	1295.00	1295.00
Pickup truck	1/2 ton		1.000	1.00	Jun	10.31	6.97			1.00	10.91				28.19
Trailer utility	10 ft	23	1.000	1.00	Jul	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Other labor	hour											8.0000	9.60	76.80	76.80
Shredder 1R	5 ft	23	0.740	1.00	Jul	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Disk 2R	6 ft	43	0.570	2.00	Jul	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Pack line/wet/small	each			1.00	Jun							0.1000			109.31
Packing	acre							6.56	109.31	30.00	288.00	1.0000			294.56
TOTALS						125.14	88.19	37.69	160.11	57.66	589.79			4611.36	5612.28
INTEREST ON OPERATING CAPITAL															60.84
TOTAL SPECIFIED COST															5673.12

Table 34.B Summary of estimated costs per acre, Tomato, fresh market, one row equipment, trellis, bare soil, 5000 plants per acre, 60" skip rows, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		308.68	1.0000	308.68	_____
FUNGICIDES		304.04	1.0000	304.04	_____
HERBICIDES		32.88	1.0000	32.88	_____
HIRED LABOR		820.80	1.0000	820.80	_____
INSECTICIDES		149.42	1.0000	149.42	_____
PACK & HARVEST ITEMS		1326.04	1.0000	1326.04	_____
STAKES & TWINE		305.00	1.0000	305.00	_____
PLANTS		212.50	1.0000	212.50	_____
HARVEST LABOR		1152.00	1.0000	1152.00	_____
Hand Labor	hour	9.60	30.0000	288.00	_____
Operator labor	hour	10.91	27.6640	301.79	_____
DIESEL FUEL	gal	3.25	8.5085	27.65	_____
ELECTRICITY	kWh	0.14	35.0000	4.90	_____
GASOLINE	gal	3.00	25.5407	76.61	_____
REPAIR & MAINTENANCE		53.67	1.0000	53.67	_____
INTEREST ON OP. CAP.		60.84	1.0000	60.84	_____

TOTAL DIRECT EXPENSES				5424.82	_____
TOTAL FIXED EXPENSES				248.30	_____

TOTAL SPECIFIED EXPENSES				5673.12	_____

Table 34.C Effects of yields and prices on net returns per acre above total direct expenses, Tomatoes, fresh market, one row equipment, bare soil, trellis, 60" skip row, 5000 plants/acre, Louisiana, 2011.

Yield (boxes)	-----Price Per 20 lb Box-----				
	13.00	15.00	17.00	19.00	21.00
	-----Net Returns Per Acre-----				
400	1017.78	1817.78	2617.78	3417.78	4217.78
550	2346.48	3446.48	4546.48	5646.48	6746.48
700	3675.18	5075.18	6475.18	7875.18	9275.18
850	5003.88	6703.88	8403.88	10103.88	11803.88
1000	6332.58	8332.58	10332.58	12332.58	14332.58

Table 35.A Estimated resource use and costs for field operations per acre, Tomatoes, fresh market, irrigated, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Feb							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	2.00	Feb	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Hipper 1R	3 ft	23	1.530	1.00	Feb	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.27	4.57	3.70	5.53	1.70	18.60				38.67
8-24-24	lb											600.0000	0.45	270.00	270.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Plastic layer	5 ft	23	1.500	1.00	Mar	6.06	4.43	2.70	5.93	4.65	50.73				69.85
Plastic	roll											5.0000	76.80	384.00	384.00
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	3.03	2.21	0.63	1.10	0.82	9.00				15.97
Trailer utility	10 ft	23	1.000	1.00	Mar	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Planting labor	hour											40.0000	9.60	384.00	384.00
Tomato plants	100											50.0000	8.50	425.00	425.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Trailer small	8 ft	23	1.000	1.00	Apr	4.05	2.95	0.31	1.18	1.10	12.00				20.49
Other labor	hour											36.0000	9.60	345.60	345.60
Twine	roll											2.0000	25.00	50.00	50.00
Stake replacement	100											8.0000	15.00	120.00	120.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Lanmate	pt											1.0000	8.81	8.81	8.81
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Gramoxone	pt											1.5000	5.46	8.19	8.19
Surfactant	pt											0.3000	2.00	0.60	0.60
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.52	4.75	1.98	2.97	1.77	19.32				35.54
CaNO3, regular	lb											300.0000	0.35	105.00	105.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											1.0000	7.75	7.75	7.75
Pounce	pt											0.5000	15.00	7.50	7.50
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											1.0000	7.75	7.75	7.75
Ambush	pt											0.5000	15.00	7.50	7.50
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	May	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Quadris	oz											8.0000	3.00	24.00	24.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	6.52	4.75	1.98	2.97	1.77	19.32				35.54
CaNO3, regular	lb											300.0000	0.35	105.00	105.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											1.0000	7.75	7.75	7.75
Ambush	pt											0.5000	15.00	7.50	7.50
Buffer	pt											1.0000	2.00	2.00	2.00
Other labor	hour			1.00	May							23.0000	9.60	220.80	220.80
Twine	roll											2.0000	25.00	50.00	50.00
Sprayer, boom	12 ft	23	0.190	2.00	May	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Pounce	pt											1.0000	15.00	15.00	15.00
Bravo	pt											4.0000	7.75	31.00	31.00
Buffer	pt											4.0000	2.00	8.00	8.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	34% cwt											1.0000	18.00	18.00	18.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Quadris	oz											8.0000	3.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Pounce	pt											0.5000	15.00	7.50	7.50
Buffer	pt											1.0000	2.00	2.00	2.00
Pickup truck	1/2 ton		1.000	9.30	Jun	95.91	64.83			9.30	101.46				262.20
Trailer small	8 ft	23	1.000	1.00	Jun	4.05	2.95	0.31	1.18	1.10	12.00				20.49
Harvest labor	hour											200.0000	9.60	1920.00	1920.00
Harvest container	each											8.0000	3.88	31.04	31.04
Packing				1.00	Jun										
Packing labor	hour											120.0000	9.60	1152.00	1152.00
Lug boxes	each											900.0000	1.85	1665.00	1665.00
Other labor	hour			1.00	Jun							3.0000	9.60	28.80	28.80
Shredder 1R	5 ft	23	0.740	1.00	Jun	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Coulter	1 row	23	1.500	1.00	Jun	6.06	4.43	0.64	0.99	1.65	18.00				30.12
Other labor	hour											15.0000	9.60	144.00	144.00
Pickup truck	1/2 ton		1.000	1.00	Jun	10.31	6.97			1.00	10.91				28.19
Middle buster 1R	3 ft	23	1.530	1.00	Jun	6.19	4.52	0.67	1.01	1.68	18.36				30.75
Disk 2R	6 ft	43	0.570	1.00	Jun	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Pack line/wet/small	each			1.00	Jun							0.1000			109.31
Packing	acre							6.56		30.00	288.00	1.0000			294.56
Irrigate	acre				Mar			118.87	45.04	12.00	115.20	1.0000			279.11
TOTALS						216.94	151.49	159.16	206.47	83.39	854.78			7631.77	9220.61
INTEREST ON OPERATING CAPITAL															62.78
TOTAL SPECIFIED COST															9285.04

Table 35.B Summary of estimated costs per acre, Tomatoes, fresh market, drip irrigated, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		318.68	1.0000	318.68	_____
FUNGICIDES		102.25	1.0000	102.25	_____
HERBICIDES		8.79	1.0000	8.79	_____
HIRED LABOR		1123.20	1.0000	1123.20	_____
INSECTICIDES		71.81	1.0000	71.81	_____
PACK & HARVEST ITEMS		1696.04	1.0000	1696.04	_____
STAKES & TWINE		220.00	1.0000	220.00	_____
PLASTIC		384.00	1.0000	384.00	_____
PLANTS		425.00	1.0000	425.00	_____
HARVEST LABOR		3072.00	1.0000	3072.00	_____
Hand Labor	hour	9.60	30.0000	288.00	_____
Irrigation Labor	hour	9.60	12.0000	115.20	_____
Operator labor	hour	10.91	41.3940	451.58	_____
DIESEL FUEL	gal	3.25	3.7791	12.28	_____
ELECTRICITY	kWh	0.14	887.0000	124.15	_____
GASOLINE	gal	3.00	52.6779	158.01	_____
REPAIR & MAINTENANCE		83.31	1.0000	83.31	_____
INTEREST ON OP. CAP.		62.78	1.0000	62.78	_____

TOTAL DIRECT EXPENSES				8927.08	_____
TOTAL FIXED EXPENSES				357.96	_____

TOTAL SPECIFIED EXPENSES				9285.04	_____

Table 35.C Effects of yields and prices on net returns per acre above total direct expenses, Tomatoes, fresh market, irrigated, one-row equipment, average yield, Louisiana, 2011.

Yield (Boxes)	-----Price Per 20 lb Box-----				
	13.00	15.00	17.00	19.00	21.00
	-----Net Returns Per Acre-----				
500	-847.08	152.92	1152.92	2152.92	3152.92
700	962.92	2362.92	3762.92	5162.92	6562.92
900	2772.92	4572.92	6372.92	8172.92	9972.92
1100	4582.92	6782.92	8982.92	11182.92	13382.92
1300	6392.92	8992.92	11592.92	14192.92	16792.92

Table 36.A Estimated resource use and costs for field operations per acre, Tomatoes, fresh market, fertigated, plastic mulch, trellis, one row equipment, 60" skip rows, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	2.00	Jan	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Hipper 1R	3 ft	23	1.530	1.00	Feb	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Feb	6.27	4.57	3.70	5.53	1.70	18.60				38.67
13-13-13	lb											700.0000	0.32	224.00	224.00
Conditioner, row 1R	6 ft	23	0.410	1.00	Feb	1.66	1.21	0.32	0.49	0.45	4.92				8.60
Plastic layer	5 ft	23	1.500	1.00	Feb	6.06	4.43	2.70	5.93	4.65	50.73				69.85
Plastic	roll											3.0000	76.80	230.40	230.40
T-tape, drip irrig.	roll											2.0000	147.50	295.00	295.00
Hose, lay flat	roll											1.0000	140.00	140.00	140.00
Other labor	hour											10.0000	9.60	96.00	96.00
Transplanter mod 900	1 row	23	3.000	1.00	Mar	12.14	8.85	3.17	8.69	9.30	101.46				134.31
Tomato plants	100											40.0000	8.50	340.00	340.00
Planting labor	hour											2.0000	9.60	19.20	19.20
Trailer, water	10 ft	43	1.000	1.00	Mar	8.40	5.47	0.63	2.76	1.10	12.00				29.26
Trailer utility	10 ft	23	1.000	1.00	Mar	4.05	2.95	0.33	1.28	1.10	12.00				20.61
CaNO3, water sol.	lb			1.00	Mar							50.0000	0.80	40.00	40.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sencor	pt											1.0000	14.85	14.85	14.85
Trailer utility	10 ft	23	1.000	1.00	Apr	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Stake replacement	100											12.0000	15.00	180.00	180.00
Other labor	hour											15.0000	9.60	144.00	144.00
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Manzate	lb											4.0000	3.84	15.36	15.36
Kocide	lb											4.0000	7.50	30.00	30.00
Buffer	pt											2.0000	2.00	4.00	4.00
CaNO3, water sol.	lb			1.00	Apr							50.0000	0.80	40.00	40.00
Trailer utility	10 ft	23	1.000	1.00	Apr	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Twine	roll											1.0000	25.00	25.00	25.00
Other labor	hour											10.0000	9.60	96.00	96.00
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Bravo	pt											8.0000	7.75	62.00	62.00
Lannate	pt											6.0000	8.81	52.86	52.86
Buffer	pt											2.0000	2.00	4.00	4.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Ambush	pt											0.5000	15.00	7.50	7.50
Bravo	pt											2.0000	7.75	15.50	15.50
Buffer	pt											1.0000	2.00	2.00	2.00
CaNO3, water sol.	lb			1.00	Apr							50.0000	0.80	40.00	40.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Gramoxone	pt											2.5000	5.46	13.65	13.65
Surfactant	pt											0.5000	2.00	1.00	1.00
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.54	1.12	1.77	1.98	0.41	4.56				10.97
Quadris	oz											16.0000	3.00	48.00	48.00
Trailer utility	10 ft	23	1.000	1.00	Apr	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	9.60	96.00	96.00
CaNO3, water sol.	lb			1.00	Apr							50.0000	0.80	40.00	40.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Bravo	pt											4.0000	7.75	31.00	31.00
Pounce	pt											0.5000	15.00	7.50	7.50
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	May	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Twine	roll											2.0000	25.00	50.00	50.00
Other labor	hour											10.0000	9.60	96.00	96.00
CaNO3, water sol.	lb			1.00	May							50.0000	0.80	40.00	40.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Quadris	oz											8.0000	3.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	3.00	May	2.30	1.68	2.65	2.97	0.62	6.84				16.44
Bravo	pt											6.0000	7.75	46.50	46.50
Sevin	lb											3.7500	9.50	35.63	35.63
Buffer	pt											3.7500	2.00	7.50	7.50
CaNO3, water sol.	lb			1.00	May							50.0000	0.80	40.00	40.00
CaNO3, water sol.	lb			1.00	Jun							50.0000	0.80	40.00	40.00
Trailer utility	10 ft	23	1.000	1.00	Jun	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	hour											187.0000	9.60	1795.20	1795.20
Harvest container	each											8.0000	3.88	31.04	31.04
Packing				1.00	Jun										
Packing labor	hour											125.0000	9.60	1200.00	1200.00
Other labor	hour											8.0000	9.60	76.80	76.80
Lug boxes	each											1600.0000	1.85	2960.00	2960.00
Trailer utility	10 ft	23	1.000	1.00	Jul	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Other labor	hour											8.0000	9.60	76.80	76.80
Shredder 1R	5 ft	23	0.740	1.00	Jul	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Coulter	1 row	23	1.500	1.00	Jul	6.06	4.43	0.64	0.99	1.65	18.00				30.12
Other labor	hour											15.0000	9.60	144.00	144.00
Pickup truck	1/2 ton		1.000	1.00	Jul	10.31	6.97			1.00	10.91				28.19
Disk 2R	6 ft	43	0.570	2.00	Jul	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Pack line/wet/small	each			1.00	Jun							1.0000			1093.06
Packing	acre							63.40	45.04	30.00	288.00	1.0000			294.56
Irrigate	acre				Mar					6.40	61.44	1.0000			169.88
TOTALS						118.32	83.60	100.63	1193.14	71.88	736.58			9100.97	11333.24
INTEREST ON OPERATING CAPITAL															107.06
TOTAL SPECIFIED COST															11441.18

Table 36.B Summary of estimated costs per acre, Tomatoes, fresh market, fertigated, plastic mulch, trellis, one row equipment, 60" skip rows, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		534.68	1.0000	534.68	_____
FUNGICIDES		272.36	1.0000	272.36	_____
HERBICIDES		29.50	1.0000	29.50	_____
HIRED LABOR		844.80	1.0000	844.80	_____
INSECTICIDES		122.99	1.0000	122.99	_____
PACK & HARVEST ITEMS		2991.04	1.0000	2991.04	_____
STAKES & TWINE		600.00	1.0000	600.00	_____
PLASTIC		370.40	1.0000	370.40	_____
PLANTS		340.00	1.0000	340.00	_____
HARVEST LABOR		2995.20	1.0000	2995.20	_____
Hand Labor	hour	9.60	30.0000	288.00	_____
Irrigation Labor	hour	9.60	6.4000	61.44	_____
Operator labor	hour	10.91	35.4870	387.14	_____
DIESEL FUEL	gal	3.25	7.2488	23.56	_____
ELECTRICITY	kWh	0.14	489.4000	68.50	_____
GASOLINE	gal	3.00	24.9757	74.90	_____
REPAIR & MAINTENANCE		52.87	1.0000	52.87	_____
INTEREST ON OP. CAP.		107.06	1.0000	107.06	_____
TOTAL DIRECT EXPENSES				10164.44	_____
TOTAL FIXED EXPENSES				1276.74	_____
TOTAL SPECIFIED EXPENSES				11441.18	_____

Table 36.C Effects of yields and prices on net returns per acre above total direct expenses, Tomatoes, fresh market, fertigated, one row equipment, trellis, 60" skip row, Louisiana, 2011.

Yield (boxes)	-----Price Per 20 lb Box-----				
	11.00	13.00	15.00	17.00	19.00
	-----Net Returns Per Acre-----				
1100	3670.56	5870.56	8070.56	10270.56	12470.56
1350	5553.06	8253.06	10953.06	13653.06	16353.06
1600	7435.56	10635.56	13835.56	17035.56	20235.56
1850	9318.06	13018.06	16718.06	20418.06	24118.06
2100	11200.56	15400.56	19600.56	23800.56	28000.56

SELLING PRICE IS LOWER FOR THIS TOMATO SITUATION BECAUSE A SHARE OF OUTPUT IS EXPECTED TO BE SOLD WHOLESALE RATHER THAN DIRECT.

Table 37.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, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Greenhouse prep.	hour			1.00	Jan							10.0000	9.60	96.00	96.00
Greenhouse	each			1.00	Jan			970.00							970.00
Tomato plant	each			1.00	Jan							660.0000	0.60	396.00	396.00
Planting labor	hour											6.0000	9.60	57.60	57.60
Heater, greenhouse	hour			15.00	Jan			495.00	89.50			150.0000			584.50
Sprayer, backpack	each			2.00	Jan				35.00	2.000	30.60	2.0000			65.60
Ambush	pt											0.1000	15.00	1.50	1.50
Kelthane	qt											0.0500	11.96	0.60	0.60
Thiodan	lb											0.0250	6.50	0.16	0.16
Fan, greenhouse	hour			15.00	Jan			13.80	135.50			60.0000			149.30
Tie/prune plants	hour			1.00	Jan							2.0000	9.60	19.20	19.20
Plant clips	box											0.3300	150.00	49.50	49.50
Twine, plastic	box											0.2500	15.00	3.75	3.75
Pollinator	hour			1.00	Feb			0.30	30.00	1.000	15.30	1.0000			45.60
Sprayer, backpack	each			4.00	Feb					4.000	61.20	4.0000			61.20
Ambush	pt											0.2000	15.00	3.00	3.00
Kelthane	qt											0.1000	11.96	1.20	1.20
Thiodan	lb											0.0500	6.50	0.33	0.33
Fan, greenhouse	hour			30.00	Feb			69.00				300.0000			69.00
Heater, greenhouse	hour			30.00	Feb			990.00				300.0000			990.00
Sprayer, backpack	each			4.00	Mar							4.0000			61.20
Ambush	pt											0.2000	15.00	3.00	3.00
Kelthane	qt											0.1000	11.96	1.20	1.20
Thiodan	lb											0.0500	6.50	0.33	0.33
Bee pollination	hive			1.00	Mar							1.0000	110.00	110.00	110.00
Leaf pruning	hour			1.00	Mar							4.0000	9.60	38.40	38.40
Fan, greenhouse	hour			30.00	Mar			55.20				240.0000			55.20
Heater, greenhouse	hour			30.00	Mar			660.33				200.1000			660.33
Pollinator	hour			14.00	Mar			4.20				14.0000			218.40
Clip, tie and prune	hour			6.00	Mar							18.0000	9.60	172.80	172.80
Plant clips	box											0.0600	150.00	9.00	9.00
Harvest labor	hour			2.00	Mar							4.0000	9.60	38.40	38.40
Irrigate/fert, drip	each			165.00	Apr			19.14	289.00			1.6500			308.14
3-13-29	lb											515.6250	2.00	1031.25	1031.25
CAN03, water sol.	lb											515.6250	0.80	412.50	412.50
Monitor	hour			165.00	Apr							165.0000	9.60	1584.00	1584.00
Sprayer, backpack	each			4.00	Apr							4.0000			61.20
Ambush	pt											0.2000	15.00	3.00	3.00
Kelthane	qt											0.1000	11.96	1.20	1.20
Thiodan	lb											0.0500	6.50	0.33	0.33
Clip, tie and prune	hour			4.00	Apr							12.0000	9.60	115.20	115.20
Leaf pruning	hour			1.00	Apr							4.0000	9.60	38.40	38.40
Harvest labor	hour			8.00	Apr							16.0000	9.60	153.60	153.60
Fan, greenhouse	hour			30.00	Apr			55.20				240.0000			55.20
Heater, greenhouse	hour			30.00	Apr			168.30				51.0000			168.30
Sprayer, backpack	each			4.00	May							4.0000			61.20
Ambush	pt											0.2000	15.00	3.00	3.00
Kelthane	qt											0.1000	11.96	1.20	1.20
Thiodan	lb											0.0500	6.50	0.33	0.33
Pollinator	hour			15.00	May			4.50				15.0000			234.00
Leaf pruning	hour			1.00	May							4.0000	9.60	38.40	38.40
Cluster prune	hour			1.00	May							3.0000	9.60	28.80	28.80
Harvest labor	hour			8.00	May							16.0000	9.60	153.60	153.60
Fan, greenhouse	hour			30.00	May			55.20				240.0000			55.20
Clip, tie and prune	hour			4.00	May							8.0000	9.60	76.80	76.80
Plant clips	box											0.0400	150.00	6.00	6.00
Clip, tie and prune	hour			4.00	Jun							4.0000	9.60	38.40	38.40
Sprayer, backpack	each			4.00	Jun							4.0000			61.20
Ambush	pt											0.2000	15.00	3.00	3.00
Kelthane	qt											0.1000	11.96	1.20	1.20
Thiodan	lb											0.0500	6.50	0.33	0.33
Harvest labor	hour			6.00	Jun							12.0000	9.60	115.20	115.20
Boxes, lug	each											495.0000	1.25	618.75	618.75
Fan, greenhouse	hour			30.00	Jun			55.20				240.0000			55.20
TOTALS							0.00	0.00	2645.37	1549.00	52.000	795.60		5426.42	10416.39
INTEREST ON OPERATING CAPITAL															221.69
TOTAL SPECIFIED COST															10638.07

Table 37.B Summary of estimated costs per greenhouse, Greenhouse Tomatoes, spring fresh market, 660 plants in grow bags, drip irrigated and fertilized, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	1443.75	1.0000	1443.75	_____
HIRED LABOR	acre	2304.00	1.0000	2304.00	_____
INSECTICIDES	acre	24.87	1.0000	24.87	_____
PACK & HARVEST ITEMS	acre	618.75	1.0000	618.75	_____
STAKES & TWINE	acre	68.25	1.0000	68.25	_____
PLANTS	acre	396.00	1.0000	396.00	_____
CUSTOM	acre	110.00	1.0000	110.00	_____
HARVEST LABOR	acre	460.80	1.0000	460.80	_____
OPERATOR LABOR	hour	15.30	52.0000	795.60	_____
DIESEL FUEL	gal	3.20	701.1000	2243.52	_____
ELECTRICITY	kWh	0.15	1859.8800	278.98	_____
REPAIR & MAINTENANCE	acre	122.87	1.0000	122.87	_____
INTEREST ON OP. CAP.	acre	221.69	1.0000	221.69	_____

TOTAL DIRECT EXPENSES				9089.07	_____
TOTAL FIXED EXPENSES				1549.00	_____

TOTAL SPECIFIED EXPENSES				10638.07	_____

THE PRICE/YIELD TABLE FOR THIS BUDGET HAS BEEN COMBINED WITH THE FALL SEASON GREENHOUSE TOMATO BUDGET TO REPRESENT AN ANNUAL CYCLE OF RETURNS. SEE PAGE 79.

Table 38.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, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Greenhouse	each			1.00	Aug			97.00	970.00			1.0000			1067.00
Greenhouse prep.	hour											2.0000	9.60	19.20	19.20
Grow bags	each											165.0000	2.06	339.90	339.90
Tomato plant	each			1.00	Aug							660.0000	0.60	396.00	396.00
Planting labor	hour											5.0000	9.60	48.00	48.00
Fan, greenhouse	hour			15.00	Aug			41.40	135.50			180.0000			176.90
Clip, tie and prune	hour			1.00	Aug							5.0000	9.60	48.00	48.00
Plant clips	box											0.3400	150.00	51.00	51.00
Twine, plastic	box											1.0000	15.00	15.00	15.00
Tomato hooks	100											0.6700	15.00	10.05	10.05
Sprayer, backpack	each			2.00	Aug				35.00	2.000	30.60	2.0000			65.60
Ambush	pt											0.1000	15.00	1.50	1.50
Kelthane	qt											0.0500	11.96	0.60	0.60
Thiodan	lb											0.0250	6.50	0.16	0.16
Pollinator	hour			15.00	Sep			4.50	30.00	15.000	229.50	15.0000			264.00
Sprayer, backpack	each			4.00	Sep					4.000	61.20	4.0000			61.20
Ambush	pt											0.2000	15.00	3.00	3.00
Kelthane	qt											0.1000	11.96	1.20	1.20
Thiodan	lb											0.0500	6.50	0.33	0.33
Fan, greenhouse	hour			30.00	Sep			82.80				360.0000			82.80
Clip, tie and prune	hour			4.00	Sep							8.0000	9.60	76.80	76.80
Plant clips	box											0.3320	150.00	49.80	49.80
Bee pollination	hive			1.00	Oct							1.0000	110.00	110.00	110.00
Leaf pruning	hour			1.00	Oct							4.0000	9.60	38.40	38.40
Cluster prune	hour			2.00	Oct							6.0000	9.60	57.60	57.60
Sprayer, backpack	each			4.00	Oct					4.000	61.20	4.0000			61.20
Ambush	pt											0.2000	15.00	3.00	3.00
Kelthane	qt											0.1000	11.96	1.20	1.20
Thiodan	lb											0.0500	6.50	0.33	0.33
Fan, greenhouse	hour			30.00	Oct			55.20				240.0000			55.20
Clip, tie and prune	hour			4.00	Oct							12.0000	9.60	115.20	115.20
Harvest labor	hour			2.00	Oct							10.0000	9.60	96.00	96.00
Boxes, lug	each											154.0000	1.25	192.50	192.50
Monitor	hour			150.00	Oct							150.0000	9.60	1440.00	1440.00
Irrigate/fert, drip	each			1.00	Oct			11.60	289.00			1.0000			300.60
3-13-29	lb											300.0000	2.00	600.00	600.00
CAN03, water sol.	lb											300.0000	0.80	240.00	240.00
Leaf pruning	hour			1.00	Nov							4.0000	9.60	38.40	38.40
Cluster prune	hour			2.00	Nov							6.0000	9.60	57.60	57.60
Sprayer, backpack	each			4.00	Nov					4.000	61.20	4.0000			61.20
Ambush	pt											0.2000	15.00	3.00	3.00
Kelthane	qt											0.1000	11.96	1.20	1.20
Thiodan	lb											0.0500	6.50	0.33	0.33
Fan, greenhouse	hour			30.00	Nov			55.20				240.0000			55.20
Clip, tie and prune	hour			4.00	Nov							8.0000	9.60	76.80	76.80
Plant clips	box											0.3280	150.00	49.20	49.20
Harvest labor	hour			8.00	Nov							24.0000	9.60	230.40	230.40
Pollinator	hour			15.00	Dec			4.50		15.000	229.50	15.0000			234.00
Leaf pruning	hour			1.00	Dec							2.0000	9.60	19.20	19.20
Cluster prune	hour			2.00	Dec							4.0000	9.60	38.40	38.40
Sprayer, backpack	each			4.00	Dec					4.000	61.20	4.0000			61.20
Ambush	pt											0.2000	15.00	3.00	3.00
Kelthane	qt											0.1000	11.96	1.20	1.20
Thiodan	lb											0.0500	6.50	0.33	0.33
Fan, greenhouse	hour			30.00	Dec			34.50				150.0000			34.50
Clip, tie and prune	hour			4.00	Dec							12.0000	9.60	115.20	115.20
Harvest labor	hour			8.00	Dec							16.0000	9.60	153.60	153.60
Heater, greenhouse	hour			30.00	Dec			495.00	89.50			150.0000			584.50
Sprayer, backpack	each			2.00	Jan					2.000	30.60	2.0000			30.60
Ambush	pt											0.1000	15.00	1.50	1.50
Kelthane	qt											0.0500	11.96	0.60	0.60
Thiodan	lb											0.0250	6.50	0.16	0.16
Fan, greenhouse	hour			15.00	Jan			34.50				150.0000			34.50
Harvest labor	hour			2.00	Jan							4.0000	9.60	38.40	38.40
Heater, greenhouse	hour			15.00	Jan			495.00				150.0000			495.00
Greenhouse prep.	hour			1.00	Jan							9.0000	9.60	86.40	86.40
TOTALS								0.00	0.00	1411.20	1549.00	50.000	765.00		
INTEREST ON OPERATING CAPITAL														4869.65	8594.85
TOTAL SPECIFIED COST															183.77
															8778.62

Table 38.B Summary of estimated costs per greenhouse, Greenhouse Tomatoes, fall fresh market, 660 plants in grow bags, drip irrigated and fertilized, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	acre	840.00	1.0000	840.00	_____
HIRED LABOR	acre	2275.20	1.0000	2275.20	_____
INSECTICIDES	acre	22.61	1.0000	22.61	_____
PACK & HARVEST ITEMS	acre	192.50	1.0000	192.50	_____
STAKES & TWINE	acre	175.05	1.0000	175.05	_____
PLANTS	acre	735.90	1.0000	735.90	_____
CUSTOM	acre	110.00	1.0000	110.00	_____
HARVEST LABOR	acre	518.40	1.0000	518.40	_____
OPERATOR LABOR	hour	15.30	50.0000	765.00	_____
DIESEL FUEL	gal	3.20	300.0000	960.00	_____
ELECTRICITY	kWh	0.15	1855.2000	278.28	_____
REPAIR & MAINTENANCE	acre	172.92	1.0000	172.92	_____
INTEREST ON OP. CAP.	acre	183.77	1.0000	183.77	_____

TOTAL DIRECT EXPENSES				7229.62	_____
TOTAL FIXED EXPENSES				1549.00	_____

TOTAL SPECIFIED EXPENSES				8778.62	_____

Table 38.C. Effects of yields and prices on net returns per greenhouse above total expenses, Greenhouse Tomatoes, fresh direct market, spring and fall seasons, 660 plants in grow bags, Louisiana 2011.

Yield (boxes)	----- Price per 15 lb. box, dollars -----				
	20.00	22.50	25.00	27.50	30.00
	-----Net Returns Per greenhouse, dollars -----				
720	-1416.69	383.31	2183.31	3983.31	5783.31
820	332.31	2382.31	4432.31	6482.31	8532.31
920	2081.31	4381.31	6681.31	8981.31	11281.31
1020	3830.31	6380.31	8930.31	11480.31	14030.31
1120	5579.31	8379.31	11179.31	13979.31	16779.31

THIS TABLE COMBINES PRODUCTION AND COSTS FROM THE SPRING AND FALL GREENHOUSE TOMATO CROPS TO PROVIDE AN ANNUAL ESTIMATE OF RETURNS TO THE GREENHOUSE PRODUCTION ACTIVITY.

Table 39.A Estimated resource use and costs for field operations per acre, Watermelons, fresh market, one row equipment, average yield, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Feb							0.6670	46.00	30.68	30.68
Disk 2R	6 ft	43	0.570	2.00	Feb	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Middle buster 1R	3 ft	23	1.530	1.00	Feb	6.19	4.52	0.67	1.01	1.68	18.36				30.75
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	6.27	4.57	3.70	5.53	1.70	18.60				38.67
10-20-20	lb											500.0000	0.38	190.00	190.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	2.13	3.19	1.68	18.36				34.39
Planter 1R	3 ft	23	1.500	1.00	Mar	6.06	4.43	0.52	0.89	1.65	18.00				29.90
Watermelon seed	1000											1.0000	60.00	60.00	60.00
Other labor	hour											2.0000	9.60	19.20	19.20
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Curbit	pt											3.0000	6.30	18.90	18.90
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Other labor	hour			1.00	Apr							10.0000	9.60	96.00	96.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	6.52	4.75	1.98	2.97	1.77	19.32				35.54
Amm. Nitrate 34%	cwt											0.7500	18.00	13.50	13.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Thiodan	lb											0.5000	6.50	3.25	3.25
Quadris	oz											8.0000	3.00	24.00	24.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Thiodan	lb											0.5000	6.50	3.25	3.25
Quadris	oz											8.0000	3.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Poast	pt											1.0000	10.78	10.78	10.78
Crop oil	pt											2.0000	1.15	2.30	2.30
Cultivator 1R	3 ft	23	1.530	1.00	May	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Sevin	lb											0.6000	9.50	5.70	5.70
Ridomil + Bravo	lb											3.0000	17.00	51.00	51.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Greenhouse prep.	hour											4.5000	9.60	43.20	43.20
Ridomil + Bravo	lb											3.0000	17.00	51.00	51.00
Other labor	hour			1.00	Jun							10.0000	9.60	96.00	96.00
Trailer utility	10 ft	23	1.000	5.00	Jul	20.23	14.76	1.67	6.39	5.50	60.01				103.06
Harvest labor	hour			1.00	Jul							40.0000	9.60	384.00	384.00
Pickup truck	1/2 ton		1.000	5.00	Jul	51.56	34.85			5.00	54.55				140.96
Shredder 1R	5 ft	23	0.740	1.00	Jul	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Disk 2R	6 ft	43	0.570	1.00	Jul	4.78	3.12	0.56	0.83	0.62	6.84				16.13
TOTALS						143.51	100.86	22.54	36.38	27.99	305.36			1126.76	1735.41
INTEREST ON OPERATING CAPITAL															17.47
TOTAL SPECIFIED COST															1752.88

Table 39.B Summary of estimated costs per acre, Watermelons, fresh market, one row equipment, average yield, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		234.18	1.0000	234.18	_____
FUNGICIDES		150.00	1.0000	150.00	_____
HERBICIDES		31.98	1.0000	31.98	_____
HIRED LABOR		254.40	1.0000	254.40	_____
INSECTICIDES		12.20	1.0000	12.20	_____
SEED		60.00	1.0000	60.00	_____
HARVEST LABOR		384.00	1.0000	384.00	_____
Operator labor	hour	10.91	27.9900	305.36	_____
DIESEL FUEL	gal	3.25	3.7791	12.28	_____
GASOLINE	gal	3.00	34.1847	102.54	_____
REPAIR & MAINTENANCE		51.23	1.0000	51.23	_____
INTEREST ON OP. CAP.		17.47	1.0000	17.47	_____

TOTAL DIRECT EXPENSES				1615.64	_____
TOTAL FIXED EXPENSES				137.24	_____

TOTAL SPECIFIED EXPENSES				1752.88	_____

Table 39.C Effects of yields and prices on net returns per acre above total direct expenses, Watermelons, fresh market, one row equipment, average yield, Louisiana, 2011.

Yield (CWT)	-----Price Per CWT-----				
	13.00	14.50	16.00	17.50	19.00
	-----Net Returns Per Acre-----				
120	97.96	277.96	457.96	637.96	817.96
160	541.16	781.16	1021.16	1261.16	1501.16
200	984.36	1284.36	1584.36	1884.36	2184.36
240	1427.56	1787.56	2147.56	2507.56	2867.56
280	1870.76	2290.76	2710.76	3130.76	3550.76

Table 40.A Estimated resource use and costs for field operations, per acre, Watermelons, early hybrid, transplanted plugs, drip irrigated under plastic mulch, one row equipment, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Oct							0.6670	46.00	30.68	30.68
Disk 4R	13.3 ft	75	0.150	2.00	Oct	3.90	2.19	2.36	3.53	0.33	3.60				15.58
Disk 4R	13.3 ft	75	0.150	1.00	Mar	1.95	1.09	1.18	1.77	0.16	1.80				7.79
Hipper-fert dist 1R 8-24-24	3 ft lb	23	1.550	1.00	Mar	6.27	4.57	3.70	5.53	1.70	18.60				38.67
Plastic layer	5 ft	23	1.500	1.00	Mar	6.06	4.43	2.70	5.93	4.65	50.73	400.0000	0.45	180.00	180.00
Plastic 54"	roll											3.0000	120.00	360.00	360.00
T-tape, drip irrig.	roll											2.0000	147.50	295.00	295.00
Other labor	hour											5.0000	9.60	48.00	48.00
Transplanter, plug Watermelon plants	1 row 100	23	1.000	1.00	Apr	4.05	2.95	1.20	3.29	3.10	33.82				45.31
Trailer utility	10 ft	23	1.000	1.00	Apr	4.05	2.95	0.33	1.28	1.10	12.00	10.0000	9.50	95.00	95.00
Other labor	hour											1.0000	9.60	9.60	20.61
Sprayer, boom	20 ft	105	0.120	1.00	Apr	2.11	1.09	1.10	1.23	0.13	1.44				6.97
Curbit	pt											3.0000	6.30	18.90	18.90
Command	pt											1.0000	15.45	15.45	15.45
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Thionex	pt											1.0000	4.60	4.60	4.60
Quadris	oz											6.0000	3.00	18.00	18.00
Cultivator 4R	13.3 ft	75	0.140	1.00	Apr	1.82	1.02	0.58	0.87	0.15	1.68				5.97
Sprayer, boom	20 ft	105	0.120	1.00	Apr	2.11	1.09	1.10	1.23	0.13	1.44				6.97
Quadris	oz											6.0000	3.00	18.00	18.00
Capture	oz											4.5000	2.20	9.90	9.90
Cultivator 4R	13.3 ft	75	0.140	1.00	Apr	1.82	1.02	0.58	0.87	0.15	1.68				5.97
Sprayer, boom	20 ft	105	0.120	1.00	May	2.11	1.09	1.10	1.23	0.13	1.44				6.97
Capture	oz											4.5000	2.20	9.90	9.90
Bravo	pt											2.5000	7.75	19.38	19.38
Cultivator 4R	13.3 ft	75	0.140	1.00	May	1.82	1.02	0.58	0.87	0.15	1.68				5.97
Sprayer, boom	12 ft	23	0.190	1.00	May	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Treflan	pt											2.0000	3.18	6.36	6.36
Sprayer, boom	20 ft	105	0.120	1.00	May	2.11	1.09	1.10	1.23	0.13	1.44				6.97
Ridomil + Bravo	lb											3.0000	17.00	51.00	51.00
Capture	oz											4.5000	2.20	9.90	9.90
Other labor	hour			1.00	May							2.0000	9.60	19.20	19.20
Sprayer, boom	20 ft	105	0.120	1.00	Jun	2.11	1.09	1.10	1.23	0.13	1.44				6.97
Ridomil + Bravo	lb											3.0000	17.00	51.00	51.00
Capture	oz											4.5000	2.20	9.90	9.90
Trailer utility	10 ft	23	1.000	1.00	Jun	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	hour											15.0000	9.60	144.00	144.00
Pickup truck	1/2 ton					10.31	6.97			1.00	10.91				28.19
Sprayer, boom	20 ft	105	0.120	1.00	Jun	2.11	1.09	1.10	1.23	0.13	1.44				6.97
Ridomil Gold	pt											2.0000	100.00	200.00	200.00
Trailer utility	10 ft	23	1.000	1.00	Jun	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	hour											15.0000	9.60	144.00	144.00
Pickup truck	1/2 ton					10.31	6.97			1.00	10.91				28.19
Trailer utility	10 ft	23	1.000	1.00	Jul	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Harvest labor	hour											10.0000	9.60	96.00	96.00
Pickup truck	1/2 ton					10.31	6.97			1.00	10.91				28.19
Coulter	1 row	23	1.500	1.00	Aug	6.06	4.43	0.64	0.99	1.65	18.00				30.12
Other labor	hour											17.0000	9.60	163.20	163.20
Trailer utility	10 ft	23	1.000	1.00	Aug	4.05	2.95	0.33	1.28	1.10	12.00				20.61
Pickup truck	1/2 ton					10.31	6.97			1.00	10.91				28.19
Disk 4R	13.3 ft	75	0.150	1.00	Aug	1.95	1.09	1.18	1.77	0.16	1.80				7.79
Irrigate	acre				Apr			63.40	45.04	6.40	61.44	1.0000			169.88
TOTALS						111.37	74.10	88.11	86.22	29.33	311.67			2026.97	2698.44
INTEREST ON OPERATING CAPITAL															39.98
TOTAL SPECIFIED COST															2739.30

Table 40.B Summary of estimated costs per acre, Watermelons (early), hybrid varieties, plug transplant, irrigated, plastic mulch, one row equipment, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		210.68	1.0000	210.68	_____
FUNGICIDES		357.38	1.0000	357.38	_____
HERBICIDES		40.71	1.0000	40.71	_____
HIRED LABOR		240.00	1.0000	240.00	_____
INSECTICIDES		44.20	1.0000	44.20	_____
STAKES & TWINE		295.00	1.0000	295.00	_____
PLASTIC		360.00	1.0000	360.00	_____
PLANTS		95.00	1.0000	95.00	_____
HARVEST LABOR		384.00	1.0000	384.00	_____
Irrigation Labor	hour	9.60	6.4000	61.44	_____
Operator labor	hour	10.91	22.9370	250.23	_____
DIESEL FUEL	gal	3.25	7.0188	22.82	_____
ELECTRICITY	kWh	0.14	454.4000	63.60	_____
GASOLINE	gal	3.00	22.3509	67.03	_____
REPAIR & MAINTENANCE		46.91	1.0000	46.91	_____
INTEREST ON OP. CAP.		39.98	1.0000	39.98	_____

TOTAL DIRECT EXPENSES				2578.98	_____
TOTAL FIXED EXPENSES				160.32	_____

TOTAL SPECIFIED EXPENSES				2739.30	_____

Table 40.C Effects of yields and prices on net returns per acre above total direct expenses, Watermelons (early), fresh market, one-row equipment, hybrid, transplant, plastic mulch, production Louisiana, 2011.

Yield (Cwt)	-----Price Per Cwt-----				
	14.00	15.50	17.00	18.50	20.00
	-----Net Returns Per Acre-----				
300	1774.62	2224.62	2674.62	3124.62	3574.62
350	2397.82	2922.82	3447.82	3972.82	4497.82
400	3021.02	3621.02	4221.02	4821.02	5421.02
450	3644.22	4319.22	4994.22	5669.22	6344.22
500	4267.42	5017.42	5767.42	6517.42	7267.42

Appendix Table 1. Tractors/Harvesters: estimated purchase price, annual use, useful life, fuel use, and direct and fixed cost per hour, Louisiana, 2010

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	-----\$/hour-----					
Small 4-wheel drive	225	147,066	600	10	11.58	10.91	26.63	2.69	40.24	27.55	67.79
Tractor 106-130HP	130	84,260	600	10	6.07	10.91	13.96	3.51	28.38	15.78	44.17
Tractor 131-155HP	150	98,933	600	10	7.36	10.91	16.92	4.12	31.96	18.53	50.49
Tractor 15-30HP	23	15,000	600	10	1.13	10.91	2.79	0.62	14.32	2.81	17.13
Tractor 156-180	170	108,216	600	10	8.65	10.91	19.89	4.50	35.31	20.27	55.59
Tractor 31-55HP	43	27,323	600	10	2.21	10.91	5.08	1.13	17.13	5.11	22.25
Tractor 56-80HP	75	37,648	600	10	3.50	10.91	8.05	1.56	20.52	7.05	27.58
Tractor 80-105HP	105	46,708	600	10	4.79	10.91	11.01	1.94	23.87	8.75	32.62
Tractor hi clearance	68	41,918	600	10	4.20	10.91	9.66	1.74	22.31	7.85	30.17

Appendix Table 2. Self-propelled machines: estimated purchase price, annual use, useful life, fuel use, performance rate, and direct and fixed cost per acre, Louisiana, 2010.

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Perf Rate	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	hr/ac	-----\$/acre-----					
Fork lift		29,550	1000	20	1.10	2.222	24.24	6.45	1.64	32.33	5.62	37.96
High cycle spray	60 ft	60,000	250	12	2.90	0.030	0.36	0.20	0.36	0.92	0.84	1.76
Pickup truck	1/2 ton	25,000	800	5	2.50	1.000	10.91	6.17	2.81	19.89	6.97	26.86
Truck	1 ton	32,000	400	10	3.00	1.000	12.00	7.41	4.00	23.41	10.53	33.94
Truck	2 ton	40,000	400	10	3.70	1.000	10.91	9.13	5.00	25.04	13.16	38.21
Truck	5 ton	45,000	400	10	5.00	1.000	10.91	12.35	5.62	28.88	14.81	43.70

Appendix Table 3. Single durable inputs: estimated purchase price, annual use, useful life, fuel consumption rate, labor, fuel, R&M, total direct, fixed and total cost per year, Louisiana, 2011.

Item Name	Unit of Measure	Purchase Price	Annual Use	Useful Life	Fuel Use	Operation Time	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	units/hr	\$/yr	\$/yr	\$/yr	\$/yr	\$/yr	\$/yr
Engine, RPF	acin	10,000	960	15	3.60	0.2262	0.00	1798.01	666.66	2464.68	1063.52	3528.21
Irrigation/sprinkler	acin	5,500	20	20	10.00	0.5000	144.00	14.00	275.00	433.00	484.99	917.99
Main line pipe	1320	9,504	0	15	0.00	0.0000	0.00	0.00	0.00	1010.77	1010.77	
Pack line/wet/large	acre	21,000	1200	10	12.00	3.0000	34560.00	6048.00	2100.00	42708.00	2765.57	45473.57
Pack line/wet/small	acre	8,300	500	10	7.00	5.0000	24000.00	2450.00	830.00	27280.00	1093.06	28373.06
Pump sub 10hp	acin	3,000	100	20	12.00	1.0000	0.00	168.00	15.00	183.00	272.26	455.26
Pump sub 5hp drip ir	acin	2,100	200	20	7.00	3.0000	576.00	588.00	10.50	1174.50	190.58	1365.08
Sheller, bean/pea	acre	4,300	50	10	5.00	10.0000	4800.00	350.00	430.00	5580.00	566.28	6146.28
Well /pump, furrow	each	13,500	0	15	0.00	1.0000	0.00	0.00	540.00	540.00	1435.76	1975.76
Well 6"	each	2,900	0	25	0.00	1.0000	0.00	0.00	69.60	69.60	237.74	307.34

Appendix Table 4. Implements: estimated performance rate, useful life, annual use, purchase price, repair cost, and direct and fixed cost per hour and per acre Louisiana, 2010.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Conditioner row 4R	13.3 ft	75	5,032	200	10	0.149	1.63	1.20	0.33	0.23	3.40	0.49	1.05	4.96
Conditioner row 6R	20 ft	150	7,710	200	6	0.090	0.98	1.52	0.50	0.37	3.38	0.66	1.66	5.72
Conditioner, row 1R	6 ft	23	1,500	200	10	0.410	4.47	1.14	0.27	0.25	6.14	0.40	1.15	7.70
Coulter	1 row	23	1,000	200	10	1.500	16.36	4.18	0.63	0.93	22.12	0.98	4.21	27.33
Coulter	4 row	0	5,000	200	10	0.140	1.52	0.00	0.29	0.00	1.82	0.46	0.00	2.28
Cultivate & fert 1R	3 ft	23	2,500	200	10	1.610	17.56	4.49	1.77	1.00	24.83	2.65	4.52	32.01
Cultivate & fert 2R	6 ft	43	5,300	200	10	0.600	6.54	3.04	1.39	0.68	11.67	2.09	3.07	16.84
Cultivate & herb 1R	3 ft	23	2,500	200	10	1.830	19.96	5.10	2.01	1.14	28.22	3.01	5.14	36.38
Cultivate & Herb 2R	6 ft	43	5,300	200	10	0.690	7.52	3.50	1.60	0.78	13.42	2.40	3.53	19.37
Cultivate & herb 4R	20 ft	150	8,200	200	10	0.110	1.20	1.86	0.39	0.45	3.91	0.59	2.03	6.54
Cultivator 2R	6 ft	43	3,500	200	10	0.570	6.21	2.89	0.87	0.64	10.64	1.31	2.91	14.87
Cultivator 4R	13.3 ft	75	4,500	200	10	0.140	1.52	1.12	0.27	0.21	3.15	0.41	0.98	4.55
Cultivator 6R	20 ft	150	6,550	200	10	0.100	1.09	1.69	0.28	0.41	3.48	0.43	1.85	5.76
Cultivator, 6R dbl	20 ft	150	9,000	200	10	0.200	2.18	3.38	0.79	0.82	7.18	1.18	3.70	12.07
Disk & herb appl 2R	6 ft	23	3,200	200	10	0.590	6.43	1.64	0.83	0.36	9.28	1.24	1.65	12.18
Disk & herb appl 6R	20 ft	150	18,700	200	10	0.100	1.09	1.69	0.82	0.41	4.01	1.23	1.85	7.10
Disk 2R	6 ft	43	2,800	200	10	0.570	6.21	2.89	0.70	0.64	10.46	1.05	2.91	14.43
Disk 4R	13.3 ft	75	13,885	200	10	0.150	1.63	1.20	0.91	0.23	3.99	1.37	1.05	6.42
Disk 6R	20 ft	150	24,500	200	10	0.100	1.09	1.69	1.07	0.41	4.27	1.61	1.85	7.74
Ditcher	1.5 ft	23	4,304	100	10	0.050	0.54	0.13	0.18	0.03	0.90	0.28	0.14	1.32
Fertilizer applicatr	1 row	23	600	150	10	0.500	5.45	1.39	0.15	0.31	7.31	0.26	1.40	8.98
Fertilizer applicatr	20 ft	105	6,000	200	10	0.090	0.98	0.99	0.23	0.17	2.38	0.35	0.78	3.52
Fertilizer buggy	30 ft	75	6,500	150	10	0.060	0.65	0.48	0.22	0.09	1.46	0.34	0.42	2.22
Fertilizer buggy	30 ft	105	6,500	150	10	0.060	0.65	0.66	0.00	0.11	1.43	0.34	0.52	2.29
Fertilizer dist(PTO)	20 ft	23	1,600	150	10	0.110	1.20	0.30	0.10	0.06	1.67	0.15	0.30	2.14
Field cult. & herb	20 ft	150	9,750	200	10	0.100	1.09	1.69	0.42	0.41	3.62	0.64	1.85	6.12
Field cultivator	20 ft	150	17,000	200	10	0.090	0.98	1.52	0.67	0.37	3.54	1.00	1.66	6.22
Fumigant applicator	6 R	150	4,500	50	10	0.090	0.98	1.52	0.40	0.37	3.28	1.06	1.67	6.02
Harrow, spike	18 ft	75	4,500	200	10	0.080	0.87	0.64	0.15	0.12	1.80	0.23	0.56	2.60
Harvest aide	50 ft	75	10,000	200	10	1.000	10.91	8.05	4.40	1.56	24.92	6.58	7.05	38.56
Harvester, bean 1R	3 ft	75	17,000	150	12	1.000	10.91	8.05	8.02	1.56	28.55	13.23	7.05	48.84
Harvester, greens	80 inch	105	10,000	200	10	1.000	10.91	11.01	4.40	1.94	28.27	6.58	8.75	43.60
Harvester, riding 1R	1 row	75	10,000	300	10	2.670	29.12	21.49	7.83	4.18	62.64	11.72	18.83	93.19
Harvester, riding 2R	2 row	105	14,000	300	15	2.000	21.82	22.03	5.47	3.89	53.22	9.54	17.50	80.26
Hipper 1R	3 ft	23	1,000	200	10	1.530	16.69	4.27	0.67	0.95	22.59	1.00	4.30	27.89
Hipper 2R	6 ft	43	2,000	200	10	0.570	6.21	2.89	0.50	0.64	10.26	0.75	2.91	13.93
Hipper 4R	13.3 ft	75	4,500	200	10	0.160	1.74	1.28	0.31	0.25	3.60	0.47	1.12	5.20
Hipper 6R	20 ft	150	7,200	200	10	0.090	0.98	1.52	0.28	0.37	3.16	0.42	1.66	5.25
Hipper-fert dist 1R	3 ft	23	2,000	150	10	1.550	16.91	4.32	1.81	0.96	24.02	2.72	4.35	31.10
Hipper-fert dist 2R	6 ft	43	4,000	200	10	0.580	6.32	2.94	1.02	0.66	10.95	1.52	2.96	15.45
Hole Puncher 1R	3 ft	23	1,000	80	12	0.750	8.18	2.09	0.62	0.46	11.36	1.09	2.10	14.57
Hole puncher 4R	4 row	75	4,000	100	10	0.330	0.00	0.00	0.79	0.00	0.79	1.73	2.32	4.85
Hole puncher 4R	4R	75	4,000	100	10	0.330	3.60	2.65	0.79	0.51	7.56	1.73	2.32	11.63
Injection wheel 1R	1 row	23	1,800	100	10	1.000	0.00	0.00	1.38	0.00	1.38	2.37	2.81	6.56
Injection wheel 4R	4 row	75	4,000	100	10	0.330	0.00	0.00	1.16	0.00	1.16	1.73	2.32	5.22
Land level	13 ft	150	7,500	200	15	0.190	2.07	3.21	0.31	0.78	6.38	0.72	3.52	10.63
Lifter blade	1 row	43	1,300	100	10	1.500	16.36	7.62	1.17	1.70	26.86	2.56	7.67	37.11
Middle buster 1R	3 ft	23	500	200	10	1.530	16.69	4.27	0.33	0.95	22.25	0.50	4.30	27.05
Middle buster 2R	6 ft	43	1,200	200	10	0.570	6.21	2.89	0.30	0.64	10.06	0.45	2.91	13.43
Middle buster 4R	4R	105	6,500	200	10	0.300	3.27	3.30	0.85	0.58	8.01	1.28	2.62	11.92
Misc. tools	1 ft	23	112	200	5	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nurse tank	1000 gal	105	3,000	150	12	0.130	1.41	1.43	0.04	0.25	3.15	0.30	1.13	4.59
Pipe spool	1/4 m roll	43	3,100	15	12	0.003	0.06	0.01	0.00	0.00	0.09	0.07	0.01	0.18
Planter & herb 1R	3 ft	23	1,100	200	10	1.530	16.69	4.27	0.64	0.95	22.56	1.10	4.30	27.97
Planter & herb 6R	20 ft	150	18,000	200	8	0.250	2.72	4.23	2.16	1.03	10.15	3.47	4.63	18.26
Planter 1R	3 ft	23	600	200	10	1.500	16.36	4.18	0.34	0.93	21.83	0.59	4.21	26.64
Planter 2R	6 ft	43	1,500	200	10	0.570	6.21	2.89	0.32	0.64	10.09	0.56	2.91	13.57
Planter 6R	20 ft	150	16,500	200	10	0.240	2.61	4.06	1.52	0.98	9.19	2.60	4.44	16.25
Planter, potato 4R	4 row	75	10,000	150	12	0.400	4.36	3.22	1.88	0.62	10.10	3.11	2.82	16.03
Planter, precision1R	2 unit	43	6,000	200	10	1.300	14.18	6.60	3.31	1.48	25.58	5.13	6.65	37.37
Planter, precision2R	4 unit	75	12,000	200	10	0.600	6.54	4.83	3.06	0.94	15.37	4.74	4.23	24.35
Planter, vacuum	20 ft	150	30,000	150	12	0.250	2.72	4.23	3.54	1.03	11.53	5.84	4.63	22.00
Planter, yam seed	250 bu	105	6,500	50	15	0.330	7.20	3.63	1.43	0.64	12.90	4.38	2.88	20.18
Plastic & fumigation	5 ft	23	5,300	200	10	1.500	49.09	4.18	2.38	0.93	56.60	5.23	4.21	66.05
Plastic layer	5 ft	23	4,800	200	10	1.500	49.09	4.18	2.16	0.93	56.37	4.74	4.21	65.33
Plow, chisel	20 ft	150	12,000	200	10	0.090	0.98	1.52	0.47	0.37	3.35	0.71	1.66	5.73
Plow, moldboard	2 ft	23	750	200	10	1.790	19.52	4.99	0.59	1.11	26.23	0.88	5.03	32.14
Plow, moldboard	6 ft	23	950	200	10	0.660	7.20	1.84	0.27	0.41	9.73	0.41	1.85	11.99
Potato digger, chain	1 row	23	2,100	100	10	1.500	16.36	4.18	2.77	0.93	24.26	4.14	4.21	32.62
Potato digger, chain	2 row	43	3,500	100	10	0.660	7.20	3.35	2.03	0.75	13.33	3.04	3.37	19.76
Row shaper	4R	75	6,000	200	10	0.300	3.27	2.41	0.79	0.47	6.95	1.18	2.11	10.25
Shredder 1R	5 ft	23	1,500	150	10	0.740	8.07	2.06	0.35	0.46	10.95	0.97	2.07	14.01

Appendix Table 4 (continued).

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M--- Imp.	P.U.	Total Direct	--Fixed-- Imp.	P.U.	Total Cost
			dollars	hours	years	hr/ac	-----\$/acre-----							
Shredder 2R	6.7 ft	43	3,661	150	10	0.390	4.25	1.98	0.45	0.44	7.13	1.25	1.99	10.38
Shredder 4R	13.3 ft	105	8,336	150	10	0.130	1.41	1.43	0.31	0.25	3.42	0.95	1.13	5.51
Sprayer boom/shields	12 ft	23	2,200	150	8	0.190	2.07	0.53	0.38	0.11	3.10	0.45	0.53	4.09
Sprayer, boom	12 ft	23	2,000	150	8	0.190	2.07	0.53	0.34	0.11	3.07	0.39	0.53	3.99
Sprayer, boom	20 ft	105	4,400	150	8	0.120	1.30	1.32	0.48	0.23	3.34	0.54	1.05	4.94
Trailer	40 ft	1/2 ton	5,000	200	15	1.000	10.91	6.17	1.46***	*****	**	2.55***	*****	**
Trailer small	8 ft	23	1,800	200	15	1.000	10.91	2.79	0.24	0.62	14.56	0.91	2.81	18.29
Trailer utility	10 ft	23	2,000	200	15	1.000	10.91	2.79	0.26	0.62	14.59	1.02	2.81	18.42
Trailer, water	10 ft	43	2,700	100	15	1.000	10.91	5.08	0.63	1.13	17.76	2.75	5.11	25.64
Transplanter 4R	12 ft	75	10,000	150	10	0.600	6.54	4.83	1.52	0.94	13.83	5.26	4.23	23.33
Transplanter mod 900	1 row	43	2,200	100	10	3.000	98.19	15.24	3.16	3.41	120.02	8.69	15.35	144.07
Transplanter vegtabl	1 row	23	1,300	200	10	4.000	174.56	11.16	1.24	2.50	189.47	3.42	11.24	204.13
Transplanter, plug	1 row	23	2,200	100	10	1.000	32.73	2.79	1.05	0.62	37.20	2.89	2.81	42.91
V-Ripper	7 shank	150	6,342	100	15	0.170	1.85	2.87	0.79	0.70	6.22	1.10	3.15	10.47
V-Ripper	9-shank	170	7,342	100	15	0.130	1.41	2.58	0.69	0.58	5.29	0.97	2.63	8.90
Wagon, vegetable	12 ft	105	7,500	200	15	1.000	10.91	11.01	2.20	1.94	26.07	3.83	8.75	38.65
Windrower	12.0 ft	43	4,950	80	8	0.180	1.96	0.91	1.68	0.20	4.76	1.71	0.92	7.40

Appendix Table 5. Operating inputs: estimated prices Louisiana, 2011.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
CUSTOM					
Custom packing	bu	2.85	Custom packing	bu	2.50
Laying Plastic	acre	15.00			
FERTILIZER					
10-20-20	lb	0.38	13-13-13	lb	0.32
13-13-13	cwt	32.00	3-13-29	lb	2.00
7-21-21	lb	0.40	8-24-24	lb	0.45
Amm. Nitrate 34%	cwt	18.00	Anhydrous (82%)	cwt	26.75
CaNO3, regular	lb	0.35	CaNO3, water sol.	lb	0.80
Fertilizer cart	cwt	0.20	Lime (spread)	ton	46.00
Nitrogen	lb	0.51	Nitrogen (32%)	lb	0.50
Phosphorus	lb	0.63	Potash	lb	0.48
Sodium Molybdate	lb	20.00	Solubore	lb	1.10
FUEL					
Diesel fuel	gallon	3.00	Electricity	kwh	0.13
FUMIGANT					
Methyl bromide	lbs	5.50			
FUNGICIDES					
Aliette	lb	12.60	Benlate	lb	15.95
Botran 75W	lb	16.25	Bravo	pt	7.75
Bravo Ultrex	lb	0.00	Bravo Weatherstik	pt	7.75
Cabrio	lb	32.50	Captan	lb	5.62
Champ DF	lb	4.50	Confirm	oz	2.00
Dithane	lb	2.54	Echo 720	pt	0.00
Elevate	lb	35.00	Equus 720	pt	0.00
Exotherm	lb	4.00	Kocide	lb	7.50
Manzate	lb	3.84	Nova	oz	4.00
Pristine	oz	3.75	Quadris	oz	3.00
Ridomil	lb	12.00	Ridomil + Bravo	lb	17.00
Ridomil Gold	pt	100.00	Ridomil Gold + Bravo	lb	17.00
Rovral	pt	17.83	Scala	oz	1.61
Switch	oz	4.20	Topsin M	lb	15.00
Tribasic Copper	lb	2.65			
HARVEST LABOR					
Harvest labor	hour	9.60	Harvest labor	bu	6.25
Harvest labor	doz	1.75	Harvest labor	bu	8.00
Harvest labor	cwt	8.00	Harvest labor	cwt	2.50
Harvest labor	bu	1.50	Harvest labor	bu	1.50
Harvest labor	bu	0.75	Harvest labor	flat	2.00
Harvest Labor	bu.	8.00	Harvest Strawberry	flat	2.00
Packing labor	hour	9.60	Washing labor	hour	9.60
HERBICIDES					
Atrazine	pt	2.57	Basagran	pt	12.16
Command	pt	15.45	Crop oil	pt	1.15
Curbit	pt	6.30	Dacthal	lb	16.79
Devrinol	lb	8.89	Dual	pt	13.26
Eptam	pt	6.50	Fusilade 2000	oz	1.46
Goal	pt	11.18	Gramoxone	pt	5.46
Lasso	qt	6.60	Poast	pt	10.78
Prefar	qt	11.55	Princep	lb	3.75
Prowl	pt	4.89	Pursuit	oz	11.59
Roneet	qt	12.50	Roundup	pt	7.25
Sandea 75DG	oz	42.90	Sencor	pt	14.85
Strategy 2.1L	pt	10.30	Surfactant	pt	2.00
Treflan	pt	3.18	Valor	oz	4.72

Appendix Table 5. Operating inputs (continued)

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
HIRED LABOR					
Blanching labor	hour	9.60	Clean berry plants	hour	9.60
Clip, tie and prune	hour	9.60	Contract planting, 1	1000	22.00
Contract planting, 2	1000	15.00	Cut slip labor	hour	9.60
Greenhouse	hour	9.60	Greenhouse prep.	hour	9.60
Hoe labor	hour	9.60	Leaf pruning	hour	9.60
Monitor	hour	9.60	Other labor	hour	9.60
Planting labor	hour	9.60	Strip berry labor	hour	9.60
Tie/prune plants	hour	9.60	Tomato pollination	each	9.60
INSECTICIDES					
Acephate 90SP	lb	13.17	Acramite	lb	75.00
Admire Pro 4.6F	pt	49.60	AgriMek	pt	44.50
Ambush	pt	15.00	Asana .66XL	oz	0.71
Avaunt	oz	6.35	Baythroid	oz	2.36
Bifenthrin	oz	1.50	Brigade 2 EC	oz	1.00
Buffer	pt	2.00	Capture	oz	2.20
Crymax WDG	lb	0.00	Diazinon	pt	5.92
Dimethoate	pt	5.88	Dipel	pt	4.56
Furadan	pt	10.30	Guthion	pt	11.47
Imidaclopid	pt	105.00	Imidan	lb.	9.85
Javelin WG	lb	11.90	Kelthane	qt	11.96
Lannate	pt	8.81	Lorsban 4E	pt	6.20
Malathion	pt	4.23	Mocap	lb	2.61
Orthene	lb	3.25	Penncap M	pt	5.12
Permethrin	oz	0.94	Phosdrin	pt	11.19
Pounce	pt	15.00	Provado	pt	20.00
Radiant	oz	5.50	Sevin	lb	9.50
Spintor	oz	5.34	Telone II	gal	14.00
Thiodan	pt	3.85	Thiodan	lb	6.50
Thionex	pt	4.60	Vendex	lb	27.50
Xentari	lb	0.00			
OTHER					
Shade material	gal	20.00			
PACK & HARVEST ITEMS					
Berry box and clams	each	2.25	Boxes, lug	each	1.85
Bushel hampers	each	3.00	Hand carry	each	1.60
Harvest container	each	3.88	Harvest crate	each	8.00
Harvest sacks	each	0.36	Ice	cwt	2.50
Lug boxes	each	1.85	Packing boxes	each	1.80
Packing boxes	each	1.55	Packing boxes	each	1.20
Packing boxes	each	1.80	Packing boxes	each	1.65
Packing charge	bu	1.50	Packing crates	each	1.20
Packing sacks	each	0.60	plastic bag, sealing	each	0.15
Potato bins	each	75.00	Rubber bands	lb	5.00
Vegetable bin	each	75.00			
PLANTS					
Broccoli plants	100	11.00	Cabbage plants	100	10.20
Cantaloupes plants	100	11.00	Cauliflower plants	100	10.00
Cucumbers	100	10.20	Eggplant plants	100	10.20
Grow bags	each	0.77	Okra transplants	100	10.00
Pepper plants	100	9.50	Squash	100	3.20
Strawberry bare root	1000	126.00	Strawberry Plug	1000	300.00
Tomato plant	each	0.50	Tomato plants	100	8.50
Watermelon plants	100	9.50	Watermelon triploid	100	21.00
PLASTIC					
Hose, lay flat	roll	140.00	Pipe, poly	acre	4.69
Plastic	ft	0.02	Plastic	roll	76.80
Plastic 54"	roll	120.00			

Appendix Table 5. Operating inputs (continued)

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
ROW COVERS					
Bee pollination	hive	100.00	Hoops, wire, berry	100	110.00
Rice Bags	100	20.00	Row covers 1.5 oz	roll	435.00
Row covers 1.5 oz	sq yd	0.31	Row covers 2 oz	roll	317.68
Row covers 2 oz	sq yd	0.38			
SEED					
Broccoli seed	1000	5.50	Butter bean seed	lb	3.20
Cabbage seed	1000	3.50	Cauliflower seed	1000	11.00
Cayenne seed	lb	32.50	Chipping potato seed	cwt	22.00
Collard seed	lb	11.00	Cover crop	acre	60.00
Cucumber	1000	10.00	Cucumber seed/slice	1000	4.00
Eggplant seed	1000	10.00	Irish potato seed	cwt	22.00
Jalapeno seed	lb	35.00	Mustard	lb	4.00
Okra hybrid	lb	165.00	Okra seed	lb	2.00
Pink banana squash	lb	11.60	Pumpkin seed	lb	85.00
Shallots sets	lb	4.00	Snap bean seeds	lb	3.50
Southern pea seed	lb	3.50	Spinach	1000	0.50
Sw potato seed (own)	bu	12.00	Sw potato seed Found	bu	20.00
Sweet corn seed	lb	10.00	Sweet potato slips	acre	198.30
Turnip seed	lb	13.50	Watermelon seed	1000	60.00
Yellow squash seed	1000	20.00			
STAKES & TWINE					
Lay Flat hose	roll	120.00	Plant clips	box	77.50
Stake replacement	100	15.00	Stake, short	100	65.00
String	lb	2.00	T-tape, drip irrig.	roll	147.50
Tomato hooks	box	57.00	Twine	roll	25.00
Twine, plastic	box	15.00	Twine, poly	roll	4.50
Tying twine	box	7.50			

Appendix Table 6. Estimated resource use and costs for field operations, per acre, Sweet Potato mother beds, one-row equipment, plant 90 acres, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk 2R	6 ft	43	0.570	2.00	Jan	9.58	6.24	1.12	1.67	1.25	13.68				32.29
Fertilizer applicatr 8-24-24	1 row lb	23	0.500	1.00	Feb	2.02	1.48	0.23	0.40	0.55	6.00	500.0000	0.45	225.00	225.00
Disk 2R	6 ft	43	0.570	1.00	Feb	4.78	3.12	0.56	0.83	0.62	6.84				16.13
Hipper 1R	3 ft	23	1.530	2.00	Feb	12.38	9.03	4.26	6.38	3.36	36.72				68.77
Middle buster 1R	3 ft	23	1.530	1.00	Feb	6.19	4.52	0.67	1.01	1.68	18.36				30.75
Trailer utility	10 ft	23	1.000	5.00	Feb	20.23	14.76	1.67	6.39	5.50	60.01				103.06
Planter, yam seed	250 bu	105	0.330	1.00	Feb	5.81	3.01	2.20	6.75	0.69	7.56				25.33
Planting labor	hour											1.0000	9.60	9.60	9.60
Sw potato seed (own)	bu											900.0000	12.00	10800.00	10800.00
Sw potato seed (own)	bu											450.0000	12.00	5400.00	5400.00
Botran 75W	lb											2.2500	16.25	36.56	36.56
Fork lift			2.222	1.00	Feb	8.09	5.62			2.22	24.24				37.95
Hipper 1R	3 ft	23	1.530	2.00	Feb	12.38	9.03	4.26	6.38	3.36	36.72				68.77
Ditcher	1.5 ft	23	0.050	1.00	Feb	0.20	0.15	0.19	0.29	0.05	0.60				1.43
Plastic layer	5 ft	23	1.500	1.00	Mar	6.06	4.43	2.70	5.93	4.65	50.73				69.85
Plastic Other labor	roll hour											4.5000	76.80	345.60	345.60
Hipper 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	2.13	3.19	1.68	18.36	3.0000	9.60	28.80	28.80
Other labor	hour											6.0000	9.60	57.60	57.60
Cultivator 1R	3 ft	23	1.530	1.00	Mar	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Ditcher	1.5 ft	23	0.050	1.00	Mar	0.20	0.15	0.19	0.29	0.05	0.60				1.43
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Thiodan	lb											1.0000	6.50	6.50	6.50
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Ditcher	1.5 ft	23	0.050	1.00	Apr	0.20	0.15	0.19	0.29	0.05	0.60				1.43
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.76	0.56	0.88	0.99	0.20	2.28				5.47
Thiodan	lb											1.0000	6.50	6.50	6.50
Cultivator 1R	3 ft	23	1.530	1.00	Apr	6.19	4.52	1.48	2.22	1.68	18.36				32.77
Ditcher	1.5 ft	23	0.050	1.00	Apr	0.20	0.15	0.19	0.29	0.05	0.60				1.43
Shredder 1R	5 ft	23	0.740	1.00	May	3.00	2.18	0.47	1.30	0.81	8.88				15.83
Middle buster 1R	3 ft	23	1.530	1.00	May	6.19	4.52	0.67	1.01	1.68	18.36				30.75
Disk 2R	6 ft	43	0.570	2.00	May	9.58	6.24	1.12	1.67	1.25	13.68				32.29
TOTALS						133.37	93.98	29.02	52.71	35.03	382.18			16916.16	17607.42
INTEREST ON OPERATING CAPITAL															258.24
TOTAL SPECIFIED COST															17865.66