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**2009  
Projected  
Commodity  
Costs  
And  
Returns**

**Louisiana Vegetable Crops**

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PROJECTED COSTS FOR SELECTED  
LOUISIANA VEGETABLE CROPS - 2009 SEASON

by

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## PROJECTED COSTS FOR SELECTED LOUISIANA VEGETABLE CROPS – 2009 SEASON

Roger A. Hinson and James E. Boudreaux 1

Cost budgets are reported for 20 different vegetable crops, with a total of 35 combinations of crop, machinery size, and market channel. Each cost budget is supplemented with a table where net return is calculated over a range of prices and yields, 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, but lower for the machine harvest budgets 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 34. A system that assumes more sophisticated production practices including hybrid plants, plastic mulch and drip irrigation, requiring more investment, is presented in Table 35. 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. In addition, hourly labor rates used in neighboring states when costing vegetable production are expected to be higher in 2009. 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) declined following the dramatic increases of 2008, and are expected to remain lower at least for the duration of the current economic contraction. Surveys indicate that agricultural electricity cost is expected to change little, and reflects fuel surcharges typical in Louisiana.

There were significant changes in budgeted situations for sweet potato and strawberry for 2009:

- Sweet potato yield and price was reported in hundredweights, as reported by Louisiana Agricultural Statistics Service. However, farmers typically think of yield in 40 pound bushel boxes. In addition, there are two components of revenue - fresh market sales and processing market sales. To increase the usefulness of the reports to farmers, the base yield was changed to 250 boxes per acre in tables 25 and 26. Each box is assumed to be sold in the fresh market as a combination of #1, #2 and jumbos, at an average price of \$13.25 for 1-row farmers who sell to packer/shippers, and \$16.25 for farmers who have packing/shipping facilities. The remainder of the crop goes to canners, in which case the effective price per bushel is assumed to be \$4.00/cwt after trucking costs and additional grade-out by the canner. The canner price is higher by a substantial amount as canners have experienced shortages of product. Our revenue estimate still does not include those sales to canners.
- Large sweet potato farmers in almost all cases use the two-row size riding harvester. Therefore, the budget assuming the one-row riding harvester was discontinued.

- Strawberry production has changed for a portion of the crop. Growers have targeted the early crop because of higher prices. They now have taken additional steps to increase early sales. Those steps include using plug plants rather than bare root plants, for quicker establishment of the crop. In addition, these growers have begun to use hoop-style row covers to provide additional cold protection for the crop. 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 vegetable crop yields can vary widely between years. As noted above, many vegetable budgets assume that produce will be sold fresh to consumers or to wholesalers who deal in fresh produce. In this market, producers can expect low price in years when weather is favorable and/or production expands for other reasons, because the local market is particularly sensitive to supply levels. Price paid by wholesalers and shippers would be responsive to conditions in other producing areas and to product demand.

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

### **Results**

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, returns above direct expenses varied widely. Higher technology levels provided higher estimates of returns compared with the typical technologies, as shown by tomato, cabbage and bell peppers budgets. Larger machinery (four-row) reduced cost and provided higher net returns compared with one-row machines, even when selling price was reduced to account for sales to the fresh wholesale market. A tomatoes crop produced using advanced technologies, and assuming a yield appropriate to that technology, was highest in estimated net return at \$5461.75.

Generally, prices used in the net return calculations were higher than in previous years. This was the important factor that resulted in somewhat higher projected returns for 2009. Prices were higher because farmers' markets are increasing in number, and more consumers are using those markets for a share of fresh produce needs.

Except for trellised eggplant and machine-harvested southern peas, estimated net returns are sufficient to cover direct costs of production, including hourly charges for all labor. A majority of crop situations provided returns above direct expense in the range between \$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.

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

Table 1. Yields, prices, costs and returns for selected vegetable crops, Louisiana, 2009.

Crop	Yield per acre	Budgeted 2009 price	Total direct expenses	Returns above direct expenses
				Dollars Per Acre
Beans, Butter 1R	100 bu	25.00	1646.64	853.36
Beans, Butter, mechanical harvest 1R	75 bu	20.00	1170.82	329.18
Beans, Snap 1R	150 bu	25.00	1789.29	1960.71
Beans, Snap, mechanical harvest 1R	100 bu	15.00	1147.09	352.91
Broccoli 1R	300 boxes	15.00	2488.93	2011.07
Cabbage, fall 1R	600 50 lb sacks	8.00	2604.91	2195.09
Cabbage, spring 1R	600 50 lb sacks	8.00	3544.58	1255.42
Cabbage, hybrid, double drilled, 6R	700 sacks	5.25	2724.38	950.62
Cantaloupe 1R	2500 melons	2.00	2125.98	2874.02
Cauliflower 1R	300 boxes	15.00	2799.69	1700.31
Corn, Sweet 1R	600 doz	6.00	1470.50	2129.50
Cucumber 1R	300 boxes	12.00	2561.57	1038.43
Cucumber, hybrid, trellised 1R	500 boxes	9.00	4441.30	58.70
Eggplant 1R	450 boxes	13.50	4899.86	1175.14
Eggplant, trellis, bare soil 1R	450 boxes	13.50	4096.04	1303.96
Eggplant, trellis, plastic mulch, irrigated 1R	600 boxes	9.00	6268.22	-868.22
Greens, Mustard 1R	600 dz. bunches	8.00	2173.68	2626.32
Okra 1R	240 boxes	25.00	2173.68	2974.38
Peas, Southern 1R	100 boxes	25.00	1351.76	1148.24
Peas, Southern, mechanical harvest 1R	75 bu	12.00	1104.00	-204.00
Peppers, Bell 1R	900 boxes	12.00	6197.72	4602.28
Peppers, Bell 4R	900 boxes	8.00	10238.85	2561.15
Potatoes, Irish 1R	150 cwt	30.00	1820.78	2679.22
Sweetpotato 1R	250 boxes	13.25	1683.28	454.22
Sweetpotato, 6R, 2R riding harvester	250 boxes	16.25	2358.11	229.39
Pumpkins, fresh, irrigated 1R	170 cwt	11.00	1387.69	482.31

Table 1 (continued).

Crop	Yield per acre	Budgeted 2009 price	Total direct expense	Returns above directe
			Dollars Per Acre	
Shallots 1R	2000 dz. bunches	2.00	3697.97	302.03
Squash 1R	375 boxes	7.50	2910.16	277.34
Strawberries, plastic mulch, drip irrig., row covers 4R	2200 flats	10.00	16800.12	5199.88
Strawberries, plug plants, plastic mulch, drip irrig., hoop row covers 4R	3000 flats	12.00	28143.54	7856.46
Tomatoes, bare soil 1R	700 20 lb boxes	15.00	8252.14	5718.68
Tomato, plastic mulch 1R	900 20 lb boxes	15.00	8008.57	5491.43
Tomato, plastic mulch and drip irrigation1R	1600 20 lb boxes	9.00	8938.25	6147.86
Watermelon 1R	200 cwt	15.00	1512.30	1487.70
Watermelon, plastic mulch 1R	300 cwt	8.00	2239.01	160.99

Table 2.A Estimated resource use and costs for field operations per acre, Beans, Butter, fresh market, one-row equipment, average yield, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	1.00	Jan	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	2.00	Mar	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	2.01	1.76	0.83	1.38	0.64	7.08				13.06
Treflan	pt											1.2500	3.18	3.98	3.98
Dual	pt											1.5000	13.47	20.21	20.21
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											400.0000	0.30	120.00	120.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Planter 1R	3 ft	23	1.500	1.00	Apr	5.12	4.48	0.35	0.66	1.65	18.00				28.61
Butter bean seed	lbs											60.0000	1.50	90.00	90.00
Other labor	hour			1.00	May							6.0000	9.60	57.60	57.60
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Basagran	pt											1.0000	10.75	10.75	10.75
Cultivator 1R	3 ft	23	1.530	1.00	May	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Bravo	pt											1.5000	6.35	9.52	9.52
Orthene	lbs											0.5000	11.90	5.95	5.95
Cultivator 1R	3 ft	23	1.530	1.00	May	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sevin	lbs											1.0000	6.13	6.13	6.13
Quadris	oz											6.0000	2.16	12.96	12.96
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Capture	oz											4.5000	2.59	11.66	11.66
Quadris	oz											6.0000	2.16	12.96	12.96
Trailer small	8 ft	23	1.000	1.00	Jul	3.41	2.99	0.24	1.05	1.10	12.00				19.69
Harvest Labor	bu.											100.0000	8.00	800.00	800.00
Harvest container	each											8.0000	2.00	16.00	16.00
Bushel hampers	each											33.0000	2.25	74.25	74.25
Pickup truck	1/2 ton		1.000	5.00	Jul	45.31	37.01			5.00	54.55				136.87
Disk 2R	6 ft	43	0.570	2.00	Jul	6.41	4.47	1.40	2.32	1.25	13.68				28.28
TOTALS						98.09	80.41	12.48	20.50	19.99	218.11			1294.27	1723.86
INTEREST ON OPERATING CAPITAL															23.69
TOTAL SPECIFIED COST															1747.55

Table 2.B Summary of estimated costs per acre Beans, Butter, fresh market, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		145.35	1.0000	145.35	_____
FUNGICIDES		35.44	1.0000	35.44	_____
HERBICIDES		45.94	1.0000	45.94	_____
HIRED LABOR		57.60	1.0000	57.60	_____
INSECTICIDES		29.69	1.0000	29.69	_____
PACK & HARVEST ITEMS		90.25	1.0000	90.25	_____
SEED		90.00	1.0000	90.00	_____
HARVEST LABOR		800.00	1.0000	800.00	_____
OPERATOR LABOR	hour	10.91	19.9930	218.11	_____
DIESEL FUEL	gal	2.20	6.2985	13.85	_____
GASOLINE	gal	2.50	24.6814	61.73	_____
REPAIR & MAINTENANCE		34.99	1.0000	34.99	_____
INTEREST ON OP. CAP.		23.69	1.0000	23.69	_____
				-----	
TOTAL DIRECT EXPENSES				1646.64	_____
TOTAL FIXED EXPENSES				100.91	_____
				-----	
TOTAL SPECIFIED EXPENSES				1747.55	_____

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, 2009.

Yield (Bushels)	-----Price Per Bushel-----				
	21.00	23.00	25.00	27.00	29.00
	-----Net Returns Per Acre-----				
70.00	93.36	233.36	373.36	513.36	653.36
85.00	273.36	443.36	613.36	783.36	953.36
100.00	453.36	653.36	853.36	1053.36	1253.36
115.00	633.36	863.36	1093.36	1323.36	1553.36
130.00	813.36	1073.36	1333.36	1593.36	1853.36

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, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	1.00	Jan	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	2.00	Mar	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Disk & herb appl	2R 6 ft	23	0.590	1.00	Apr	2.01	1.76	0.83	1.38	0.64	7.08				13.06
Treflan	pt											1.2500	3.18	3.98	3.98
Dual	pt											1.5000	13.47	20.21	20.21
Hipper-fert dist	1R 3 ft	23	1.550	1.00	Apr	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											400.0000	0.30	120.00	120.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Conditioner, row	1R 6 ft	23	0.410	1.00	Apr	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Planter 1R	3 ft	23	1.500	1.00	Apr	5.12	4.48	0.35	0.66	1.65	18.00				28.61
Butter bean seed	lbs											60.0000	1.50	90.00	90.00
Cultivator 1R	3 ft	23	1.530	1.00	May	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Basagran	pt											1.0000	10.75	10.75	10.75
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Bravo	pt											1.5000	6.35	9.52	9.52
Orthene	lbs											0.5000	11.90	5.95	5.95
Cultivator 1R	3 ft	23	1.530	1.00	May	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Capture	oz											4.5000	2.59	11.66	11.66
Quadris	oz											6.0000	2.16	12.96	12.96
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Capture	oz											4.5000	2.59	11.66	11.66
Quadris	oz											6.0000	2.16	12.96	12.96
Harvester, bean	1R 3 ft	68	1.000	1.00	Jul	8.88	6.05	8.03	14.85	1.10	12.00				49.81
Harvest sacks	each											30.0000	0.25	7.50	7.50
Other labor	hour			1.00	Jul							3.0000	9.60	28.80	28.80
Trailer utility	10 ft	23	1.000	1.00	Jul	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Other labor	hour											20.0000	9.60	192.00	192.00
plastic bag, sealing	each											50.0000	0.10	5.00	5.00
Pickup truck	1/2 ton		1.000	5.00	Jul	45.31	37.01			5.00	54.55				136.87
Disk 2R	6 ft	43	0.570	2.00	Jul	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Sheller, bean/pea	each			1.00	Jul				62.64			0.1000			62.64
Packing	acre							15.60		20.00	192.00	1.0000			207.60
TOTALS						107.62	87.03	36.49	98.54	41.30	424.39			591.20	1345.27
INTEREST ON OPERATING CAPITAL															11.12
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1356.39

Table 3.B Summary of estimated costs per acre Beans, Butter, shelled fresh market, one-row equipment average yield, machine harvest, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		145.35	1.0000	145.35	_____
FUNGICIDES		35.44	1.0000	35.44	_____
HERBICIDES		45.94	1.0000	45.94	_____
HIRED LABOR		220.80	1.0000	220.80	_____
INSECTICIDES		41.17	1.0000	41.17	_____
PACK & HARVEST ITEMS		12.50	1.0000	12.50	_____
SEED		90.00	1.0000	90.00	_____
Hand labor	hour	9.60	20.0000	192.00	_____
OPERATOR LABOR	hour	10.91	21.3020	232.39	_____
DIESEL FUEL	gal	2.20	9.7985	21.55	_____
ELECTRICITY	kWh	0.14	50.0000	7.00	_____
GASOLINE	gal	2.50	24.8961	62.27	_____
REPAIR & MAINTENANCE		53.29	1.0000	53.29	_____
INTEREST ON OP. CAP.		11.12	1.0000	11.12	_____
				-----	
TOTAL DIRECT EXPENSES				1170.82	_____
TOTAL FIXED EXPENSES				185.57	_____
				-----	
TOTAL SPECIFIED EXPENSES				1356.39	_____

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, 2009.

Yield (Bushels)	-----Price Per Bushel-----				
	16.00	18.00	20.00	22.00	24.00
	-----Net Returns Per Acre-----				
35.00	-594.42	-524.42	-454.42	-384.42	-314.42
55.00	-282.62	-172.62	-62.62	47.38	157.38
75.00	29.18	179.18	329.18	479.18	629.18
95.00	340.98	530.98	720.98	910.98	1100.98
115.00	652.78	882.78	1112.78	1342.78	1572.78

Table 4.A Estimated resource use and costs for field operations per acre, Beans, Snap, fresh market, one-row equipment, average yield, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	1.00	Feb	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	2.00	Mar	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Treflan	pt											1.2500	3.18	3.98	3.98
Dual	pt											1.5000	13.47	20.21	20.21
Disk 2R	6 ft	43	0.570	1.00	Mar	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											400.0000	0.30	120.00	120.00
Hipper 1R	3 ft	23	1.530	2.00	Mar	10.43	9.15	1.35	2.23	3.36	36.72				59.88
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Planter 1R	3 ft	23	1.500	1.00	Mar	5.12	4.48	0.35	0.66	1.65	18.00				28.61
Snap bean seeds	lbs											40.0000	1.50	60.00	60.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Orthene	lbs											0.5000	11.90	5.95	5.95
Bravo	pt											1.5000	6.35	9.52	9.52
Other labor	hour			1.00	Apr							6.0000	9.60	57.60	57.60
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Basagran	pt											1.0000	10.75	10.75	10.75
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sevin	lbs											1.0000	6.13	6.13	6.13
Quadris	oz											6.0000	2.16	12.96	12.96
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Capture	oz											4.5000	2.59	11.66	11.66
Quadris	oz											6.0000	2.16	12.96	12.96
Trailer utility	10 ft	23	1.000	1.00	Jun	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Harvest labor	bu											150.0000	6.25	937.50	937.50
Harvest container	each											10.0000	2.00	20.00	20.00
Bushel hampers	each											50.0000	2.25	112.50	112.50
Pickup truck	1/2 ton		1.000	5.00	Jun	45.31	37.01			5.00	54.55				136.87
Disk 2R	6 ft	43	0.570	1.00	Jun	3.21	2.24	0.70	1.16	0.62	6.84				14.15
TOTALS						96.75	79.24	11.36	18.56	19.55	213.31			1444.02	1863.24
INTEREST ON OPERATING CAPITAL															23.85
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1887.09

Table 4.B Summary of estimated costs per acre, Beans, Snap, fresh market, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		145.35	1.0000	145.35	_____
FUNGICIDES		35.44	1.0000	35.44	_____
HERBICIDES		45.94	1.0000	45.94	_____
HIRED LABOR		57.60	1.0000	57.60	_____
INSECTICIDES		29.69	1.0000	29.69	_____
PACK & HARVEST ITEMS		132.50	1.0000	132.50	_____
SEED		60.00	1.0000	60.00	_____
HARVEST LABOR		937.50	1.0000	937.50	_____
OPERATOR LABOR	hour	10.91	19.5530	213.31	_____
DIESEL FUEL	gal	2.20	6.2985	13.85	_____
GASOLINE	gal	2.50	24.2294	60.60	_____
REPAIR & MAINTENANCE		33.66	1.0000	33.66	_____
INTEREST ON OP. CAP.		23.85	1.0000	23.85	_____
				-----	
TOTAL DIRECT EXPENSES				1789.29	_____
TOTAL FIXED EXPENSES				97.80	_____
				-----	
TOTAL SPECIFIED EXPENSES				1887.09	_____

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, 2009.

Yield (Bushel)	-----Price Per Bushel-----				
	21.00	23.00	25.00	27.00	29.00
	-----Net Returns Per Acre-----				
120.00	888.21	1128.21	1368.21	1608.21	1848.21
135.00	1124.46	1394.46	1664.46	1934.46	2204.46
150.00	1360.71	1660.71	1960.71	2260.71	2560.71
165.00	1596.96	1926.96	2256.96	2586.96	2916.96
180.00	1833.21	2193.21	2553.21	2913.21	3273.21

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, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	1.00	Feb	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	2.00	Mar	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Treflan	pt											1.2500	3.18	3.98	3.98
Dual	pt											1.5000	13.47	20.21	20.21
Disk 2R	6 ft	43	0.570	1.00	Mar	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											400.0000	0.30	120.00	120.00
Hipper 1R	3 ft	23	1.530	2.00	Mar	10.43	9.15	1.35	2.23	3.36	36.72				59.88
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Planter 1R	3 ft	23	1.500	1.00	Mar	5.12	4.48	0.35	0.66	1.65	18.00				28.61
Snap bean seeds	lbs											60.0000	1.50	90.00	90.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Orthene	lbs											0.5000	11.90	5.95	5.95
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Orthene	lbs											0.5000	11.90	5.95	5.95
Bravo	pt											1.5000	6.35	9.52	9.52
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Basagran	pt											1.0000	10.75	10.75	10.75
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Capture	oz											4.5000	2.59	11.66	11.66
Quadris	oz											6.0000	2.16	12.96	12.96
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Capture	oz											4.5100	2.59	11.68	11.68
Quadris	oz											6.0000	2.16	12.96	12.96
Harvester, bean 1R	3 ft	68	1.000	1.00	Jun	8.88	6.05	8.03	14.85	1.10	12.00				49.81
Trailer utility	10 ft	23	1.000	1.00	Jun	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Packing				1.00	Jun										
Packing labor	hour											15.0000	9.60	144.00	144.00
Packing sacks	each											50.0000	0.49	24.50	24.50
Bushel hampers	each			1.00	Jun							100.0000	2.25	225.00	225.00
Pickup truck	1/2 ton		1.000	5.00	Jun	45.31	37.01			5.00	54.55				136.87
Fork lift			2.222	1.00	Jun	8.09	6.67			2.22	24.24				39.00
Disk 2R	6 ft	43	0.570	1.00	Jun	3.21	2.24	0.70	1.16	0.62	6.84				14.15
TOTALS						113.72	91.96	19.39	33.41	22.87	249.55			745.47	1253.50
INTEREST ON OPERATING CAPITAL															18.96
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1272.46

Table 5.B Summary of estimated costs per acre, Beans, Snap, fresh market, one-row equipment, average yield, machine harvest, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		145.35	1.0000	145.35	_____
FUNGICIDES		35.44	1.0000	35.44	_____
HERBICIDES		45.94	1.0000	45.94	_____
INSECTICIDES		35.24	1.0000	35.24	_____
PACK & HARVEST ITEMS		249.50	1.0000	249.50	_____
SEED		90.00	1.0000	90.00	_____
HARVEST LABOR		144.00	1.0000	144.00	_____
OPERATOR LABOR	hour	10.91	22.8752	249.55	_____
DIESEL FUEL	gal	2.20	9.7985	21.55	_____
GASOLINE	gal	2.50	24.2294	60.60	_____
LP GAS	cu ft	2.64	2.4444	6.45	_____
REPAIR & MAINTENANCE		44.51	1.0000	44.51	_____
INTEREST ON OP. CAP.		18.96	1.0000	18.96	_____
				-----	
TOTAL DIRECT EXPENSES				1147.09	_____
TOTAL FIXED EXPENSES				125.37	_____
				-----	
TOTAL SPECIFIED EXPENSES				1272.46	_____

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, 2009.

Yield (Bushel)	-----Price Per Bushel-----				
	11.00	13.00	15.00	17.00	19.00
	-----Net Returns Per Acre-----				
60.00	-452.61	-332.61	-212.61	-92.61	27.39
80.00	-249.85	-89.85	70.15	230.15	390.15
100.00	-47.09	152.91	352.91	552.91	752.91
120.00	155.67	395.67	635.67	875.67	1115.67
140.00	358.43	638.43	918.43	1198.43	1478.43

Table 6.A Estimated resource use and costs for field operations per acre, Broccoli, irrigated, transplanted, fresh market, one-row equipment, average yield, Louisiana, 2009.

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	38.00	25.35	25.35
Middle buster 1R	3 ft	23	1.530	1.00	Jul	5.21	4.57	0.34	0.56	1.68	18.36				29.04
Disk 2R	6 ft	43	0.570	2.00	Jul	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Disk & herb appl 2R	6 ft	23	0.590	1.00	Jul	2.01	1.76	0.83	1.38	0.64	7.08				13.06
Treflan	pt											1.0000	3.18	3.18	3.18
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jul	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											600.0000	0.30	180.00	180.00
Hipper 1R	3 ft	23	1.530	1.00	Aug	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Conditioner, row 1R	6 ft	23	0.410	1.00	Aug	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Trailer utility	10 ft	23	1.000	1.00	Aug	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Planting labor	hour											25.0000	9.60	240.00	240.00
Broccoli plants	100											100.0000	3.00	300.00	300.00
Other labor	hour			1.00	Aug							1.0000	9.60	9.60	9.60
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Thionex	pt											1.0000	4.60	4.60	4.60
Cultivate & fert 1R	3 ft	23	1.610	1.00	Sep	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.5000	16.00	24.00	24.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ambush	pt											0.2500	14.13	3.53	3.53
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Bravo	pt											1.5000	6.35	9.52	9.52
Cultivate & fert 1R	3 ft	23	1.610	1.00	Oct	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.5000	16.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Confirm	oz											8.0000	1.46	11.68	11.68
Dipel	pt											1.0000	4.26	4.26	4.26
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ambush	pt											0.2500	14.13	3.53	3.53
Cultivate & fert 1R	3 ft	23	1.610	1.00	Nov	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.5000	16.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.65	0.57	0.35	0.43	0.20	2.28				4.28
SpinTor	oz											4.0000	4.71	18.84	18.84
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.65	0.57	0.35	0.43	0.20	2.28				4.28
SpinTor	oz											4.0000	4.71	18.84	18.84
Dipel	pt											1.0000	4.26	4.26	4.26
Pickup truck	1/2 ton		1.000	5.00	Nov	45.31	37.01			5.00	54.55				136.87
Trailer small	8 ft	23	1.000	1.00	Nov	3.41	2.99	0.24	1.05	1.10	12.00				19.69
Harvest labor	hour											30.0000	9.60	288.00	288.00
Rubber bands	lbs											1.0000	5.00	5.00	5.00
Harvest container	each											8.0000	2.00	16.00	16.00
Packing				1.00	Nov							8.0000	9.60	76.80	76.80
Packing labor	hour											300.0000	0.90	270.00	270.00
Packing boxes	each											30.0000	2.50	75.00	75.00
Ice	cwt														
Disk 2R	6 ft	43	0.570	1.00	Nov	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Pack line/wet/small	each			1.00	Nov				120.90			0.1000			120.90
Packing	acre									30.00	288.00	1.0000			288.00
Irrigate	acre				Aug	0.21	0.17	22.47	60.51	0.34	3.38	1.0000		90.00	176.74
TOTALS						107.95	90.19	38.47	208.08	54.26	552.33			1740.99	2738.01
INTEREST ON OPERATING CAPITAL															44.29
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2787.20

Table 6.B Summary of estimated costs per acre, Broccoli, irrigated, transplanted, fresh market, one- row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		277.35	1.0000	277.35	_____
FUNGICIDES		21.20	1.0000	21.20	_____
HERBICIDES		14.18	1.0000	14.18	_____
HIRED LABOR		249.60	1.0000	249.60	_____
INSECTICIDES		57.86	1.0000	57.86	_____
PACK & HARVEST ITEMS		366.00	1.0000	366.00	_____
PLASTIC		90.00	1.0000	90.00	_____
PLANTS		300.00	1.0000	300.00	_____
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	23.9881	261.69	_____
DIESEL FUEL	gal	2.20	3.7929	8.35	_____
ELECTRICITY	kWh	0.14	119.0000	16.66	_____
GASOLINE	gal	2.50	30.0602	75.19	_____
REPAIR & MAINTENANCE		51.12	1.0000	51.12	_____
INTEREST ON OP. CAP.		44.29	1.0000	44.29	_____
				-----	
TOTAL DIRECT EXPENSES				2488.93	_____
TOTAL FIXED EXPENSES				298.27	_____
				-----	
TOTAL SPECIFIED EXPENSES				2787.20	_____

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, 2009.

Yield (Box)	-----Price Per Box-----				
	12.00	13.50	15.00	16.50	18.00
	-----Net Returns Per Acre-----				
180.00	-32.77	237.23	507.23	777.23	1047.23
240.00	539.15	899.15	1259.15	1619.15	1979.15
300.00	1111.07	1561.07	2011.07	2461.07	2911.07
360.00	1682.99	2222.99	2762.99	3302.99	3842.99
420.00	2254.91	2884.91	3514.91	4144.91	4774.91

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, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	2.00	Jul	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Disk & herb appl	2R 6 ft	23	0.590	1.00	Jul	2.01	1.76	0.83	1.38	0.64	7.08				13.06
Treflan	pt											1.0000	3.18	3.18	3.18
Middle buster 1R	3 ft	23	1.530	1.00	Jul	5.21	4.57	0.34	0.56	1.68	18.36				29.04
Hipper-fert dist	1R 3 ft	23	1.550	1.00	Jul	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											600.0000	0.30	180.00	180.00
Hipper 1R	3 ft	23	1.530	2.00	Aug	10.43	9.15	1.35	2.23	3.36	36.72				59.88
Conditioner, row	1R 6 ft	23	0.410	1.00	Aug	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Planter 1R	3 ft	23	1.500	1.00	Aug	5.12	4.48	0.35	0.66	1.65	18.00				28.61
Cabbage seed	lbs											1.0000	272.00	272.00	272.00
Other labor	hour			1.00	Aug							10.0000	9.60	96.00	96.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Confirm	oz											8.0000	1.46	11.68	11.68
Dipel	pt											1.0000	4.26	4.26	4.26
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert	1R 3 ft	23	1.610	1.00	Sep	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.5000	16.00	24.00	24.00
Cultivate & fert	1R 3 ft	23	1.610	1.00	Sep	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.0000	16.00	16.00	16.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Cultivate & fert	1R 3 ft	23	1.610	1.00	Oct	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.0000	16.00	16.00	16.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.65	0.57	0.35	0.43	0.20	2.28				4.28
SpinTor	oz											4.0000	4.71	18.84	18.84
Dipel	pt											1.0000	4.26	4.26	4.26
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ambush	pt											0.2500	14.13	3.53	3.53
Dipel	pt											1.0000	4.26	4.26	4.26
Buffer	pt											1.0000	2.00	2.00	2.00
Bravo	pt											1.5000	6.35	9.52	9.52
Trailer utility	10 ft	23	1.000	1.00	Dec	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.49	294.00	294.00
Pickup truck	1/2 ton		1.000	10.00	Dec	90.63	74.03			10.00	109.10				273.76
Disk 2R	6 ft	43	0.570	2.00	Dec	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Irrigate	acre				Aug	0.21	0.17	22.47	60.51	0.34	3.38	1.0000		90.00	176.74
TOTALS						155.59	128.66	37.21	85.12	29.60	322.60			2040.28	2769.46
INTEREST ON OPERATING CAPITAL															49.23
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2818.69

Table 7.B Summary of estimated costs per acre, Cabbage (fall), direct seeded, irrigated, fresh market, row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		261.35	1.0000	261.35	_____
FUNGICIDES		21.20	1.0000	21.20	_____
HERBICIDES		14.18	1.0000	14.18	_____
HIRED LABOR		96.00	1.0000	96.00	_____
INSECTICIDES		41.15	1.0000	41.15	_____
PACK & HARVEST ITEMS		294.00	1.0000	294.00	_____
SEED		272.00	1.0000	272.00	_____
PLASTIC		90.00	1.0000	90.00	_____
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	2.20	5.0526	11.12	_____
ELECTRICITY	kWh	0.14	84.0000	11.76	_____
GASOLINE	gal	2.50	42.2664	105.69	_____
REPAIR & MAINTENANCE		64.23	1.0000	64.23	_____
INTEREST ON OP. CAP.		49.23	1.0000	49.23	_____
				-----	
TOTAL DIRECT EXPENSES				2604.91	_____
TOTAL FIXED EXPENSES				213.78	_____
				-----	
TOTAL SPECIFIED EXPENSES				2818.69	_____

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, 2009.

Yield (sacks)	-----Price Per Sack-----				
	6.00	7.00	8.00	9.00	10.00
	-----Net Returns Per Acre-----				
400.00	65.89	465.89	865.89	1265.89	1665.89
500.00	530.49	1030.49	1530.49	2030.49	2530.49
600.00	995.09	1595.09	2195.09	2795.09	3395.09
700.00	1459.69	2159.69	2859.69	3559.69	4259.69
800.00	1924.29	2724.29	3524.29	4324.29	5124.29

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 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	2.00	Jan	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Sprayer, boom	12 ft	23	0.190	1.00	Jan	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Treflan	pt											1.2500	3.18	3.98	3.98
Disk 2R	6 ft	43	0.570	1.00	Jan	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Hipper-fert dist 1R 8-24-24	3 ft lb	23	1.550	1.00	Jan	5.28	4.63	1.82	3.01	1.70	18.60				33.34
Hipper 1R	3 ft	23	1.530	1.00	Jan	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Trailer utility	10 ft	23	1.000	1.00	Jan	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Cabbage plants	100											100.0000	3.00	300.00	300.00
Planting labor	hour											20.0000	9.60	192.00	192.00
Conditioner, row 1R	6 ft	23	0.410	1.00	Jan	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Cultivate & fert 1R	3 ft	23	1.610	1.00	Feb	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.0000	16.00	16.00	16.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Mar	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.0000	16.00	16.00	16.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Confirm	oz											8.0000	1.46	11.68	11.68
Dipel	pt											1.0000	4.26	4.26	4.26
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.0000	16.00	16.00	16.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
SpinTor	oz											4.0000	4.71	18.84	18.84
Dipel	pt											1.0000	4.26	4.26	4.26
Buffer	pt											1.0000	2.00	2.00	2.00
Bravo	pt											1.5000	6.35	9.52	9.52
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
SpinTor	oz											4.0000	4.71	18.84	18.84
Dipel	pt											1.0000	4.26	4.26	4.26
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	2.00	May	6.82	5.98	0.53	2.34	2.20	24.00				39.67
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	0.49	294.00	294.00
Pickup truck	1/2 ton		1.000	10.00	May	90.63	74.03			10.00	109.10				273.76
Middle buster 1R	3 ft	23	1.530	1.00	May	5.21	4.57	0.34	0.56	1.68	18.36				29.04
Hipper 1R	3 ft	23	1.530	1.00	May	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Irrigate	acre				Jan	0.21	0.17	22.47	60.51	0.34	3.38	1.0000		90.00	176.74
TOTALS						162.49	135.30	38.55	88.71	32.24	351.40			2937.79	3714.24
INTEREST ON OPERATING CAPITAL															54.35
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3768.59

Table 8.B Summary of estimated costs per acre, Cabbage, spring, transplant, irrigated, fresh market, one row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		223.35	1.0000	223.35	_____
FUNGICIDES		21.20	1.0000	21.20	_____
HERBICIDES		3.98	1.0000	3.98	_____
HIRED LABOR		192.00	1.0000	192.00	_____
INSECTICIDES		56.46	1.0000	56.46	_____
PACK & HARVEST ITEMS		294.00	1.0000	294.00	_____
PLASTIC		90.00	1.0000	90.00	_____
PLANTS		300.00	1.0000	300.00	_____
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	2.20	3.7929	8.35	_____
ELECTRICITY	kWh	0.14	84.0000	11.76	_____
GASOLINE	gal	2.50	45.6225	114.07	_____
REPAIR & MAINTENANCE		66.86	1.0000	66.86	_____
INTEREST ON OP. CAP.		54.35	1.0000	54.35	_____
				-----	
TOTAL DIRECT EXPENSES				3544.58	_____
TOTAL FIXED EXPENSES				224.01	_____
				-----	
TOTAL SPECIFIED EXPENSES				3768.59	_____

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, 2009.

Yield (Sacks)	-----Price Per Sack-----				
	6.00	7.00	8.00	9.00	10.00
	-----Net Returns Per Acre-----				
400.00	-859.38	-459.38	-59.38	340.62	740.62
500.00	-401.98	98.02	598.02	1098.02	1598.02
600.00	55.42	655.42	1255.42	1855.42	2455.42
700.00	512.82	1212.82	1912.82	2612.82	3312.82
800.00	970.22	1770.22	2570.22	3370.22	4170.22

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, 2009.

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	143	0.100	2.00	Jul	3.57	1.71	2.16	3.57	0.22	2.40				13.41
Disk & herb appl	20 ft	143	0.100	1.00	Aug	1.79	0.85	0.82	1.36	0.11	1.20				6.02
Treflan	pt											1.0000	3.18	3.18	3.18
Fertilizer buggy	30 ft	93	0.060	1.00	Aug	0.12	0.60		0.38	0.06	0.72	700.0000	0.32	224.00	1.82
7-21-21	lb														224.00
Hipper 6R	20 ft	143	0.090	2.00	Aug	3.21	1.54	0.57	0.94	0.19	2.16				8.42
Planter, precision2R	4 unit	68	0.600	1.00	Aug	5.33	3.63	3.06	5.24	0.66	7.20				24.46
Cabbage seed	lbs											0.7500	272.00	204.00	204.00
Other labor	hour			1.00	Aug							4.0000	9.60	38.40	38.40
Fertilizer applicatr	20 ft	93	0.090	1.00	Sep	0.18	0.90	0.24	0.39	0.09	1.08				2.79
Amm. Nitrate 33%	cwt											1.5000	16.00	24.00	24.00
Cultivator 6R	20 ft	143	0.100	1.00	Sep	1.79	0.85	0.29	0.48	0.11	1.20				4.61
Sprayer, boom	20 ft	93	0.120	1.00	Sep	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Fertilizer applicatr	20 ft	93	0.090	1.00	Sep	0.18	0.90	0.24	0.39	0.09	1.08				2.79
Amm. Nitrate 33%	cwt											1.5000	16.00	24.00	24.00
Cultivator 6R	20 ft	143	0.100	1.00	Sep	1.79	0.85	0.29	0.48	0.11	1.20				4.61
Sprayer, boom	20 ft	93	0.120	1.00	Sep	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Confirm	oz											8.0000	1.46	11.68	11.68
Dipel	pt											1.0000	4.26	4.26	4.26
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	20 ft	93	0.120	1.00	Oct	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Confirm	oz											8.0000	1.46	11.68	11.68
Dipel	pt											1.0000	4.26	4.26	4.26
Penncap M	pt											1.0000	3.55	3.55	3.55
Buffer	pt											1.0000	2.00	2.00	2.00
Fertilizer applicatr	20 ft	93	0.090	1.00	Oct	0.18	0.90	0.24	0.39	0.09	1.08				2.79
Amm. Nitrate 33%	cwt											1.5000	16.00	24.00	24.00
Cultivator 6R	20 ft	143	0.100	1.00	Oct	1.79	0.85	0.29	0.48	0.11	1.20				4.61
Sprayer, boom	20 ft	93	0.120	2.00	Oct	3.00	2.39	0.97	1.18	0.26	2.88				10.42
Confirm	oz											16.0000	1.46	23.36	23.36
Dipel	pt											2.0000	4.26	8.52	8.52
Bravo	pt											1.5000	6.35	9.52	9.52
Buffer	pt											2.0000	2.00	4.00	4.00
Sprayer, boom	20 ft	93	0.120	1.00	Nov	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Confirm	oz											8.0000	1.46	11.68	11.68
Dipel	pt											1.0000	4.26	4.26	4.26
Bravo	pt											0.7500	6.35	4.76	4.76
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	20 ft	93	0.120	1.00	Nov	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Ambush	pt											0.2500	14.13	3.53	3.53
Dipel	pt											1.0000	4.26	4.26	4.26
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Nov	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.49	85.75	85.75
Trailer utility	10 ft	23	1.000	2.00	Dec	6.82	5.98	0.53	2.34	2.20	24.00				39.67
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	0.49	514.50	514.50
Disk 6R	20 ft	143	0.100	1.00	Dec	1.79	0.85	1.08	1.78	0.11	1.20				6.70
Irrigate	acre				Aug	0.21	0.17	22.47	60.51	0.34	3.38	1.0000		90.00	176.74
TOTALS						42.61	31.96	35.92	84.03	6.55	71.18			2531.35	2797.05
INTEREST ON OPERATING CAPITAL															43.32
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2840.37

Table 9.B Summary of estimated costs per acre, Cabbage, hybrid, double drilled seedbed, irrigated, fresh market, six-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		296.00	1.0000	296.00	_____
FUNGICIDES		72.68	1.0000	72.68	_____
HERBICIDES		14.18	1.0000	14.18	_____
HIRED LABOR		38.40	1.0000	38.40	_____
INSECTICIDES		44.64	1.0000	44.64	_____
PACK & HARVEST ITEMS		600.25	1.0000	600.25	_____
SEED		204.00	1.0000	204.00	_____
PLASTIC		90.00	1.0000	90.00	_____
HARVEST LABOR		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	2.20	12.6142	27.74	_____
ELECTRICITY	kWh	0.14	84.0000	11.76	_____
GASOLINE	gal	2.50	3.4465	8.62	_____
REPAIR & MAINTENANCE		30.41	1.0000	30.41	_____
INTEREST ON OP. CAP.		43.32	1.0000	43.32	_____
				-----	
TOTAL DIRECT EXPENSES				2724.38	_____
TOTAL FIXED EXPENSES				115.99	_____
				-----	
TOTAL SPECIFIED EXPENSES				2840.37	_____

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, 2009.

Yield (Sacks)	-----Price Per Sack-----				
	3.75	4.50	5.25	6.00	6.75
	-----Net Returns Per Acre-----				
400.00	-509.78	-209.78	90.22	390.22	690.22
550.00	-304.58	107.92	520.42	932.92	1345.42
700.00	-99.38	425.62	950.62	1475.62	2000.62
850.00	105.82	743.32	1380.82	2018.32	2655.82
1000.00	311.02	1061.02	1811.02	2561.02	3311.02

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, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	1.00	Jan	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	2.00	Mar	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Hipper-fert dist 1R 8-24-24	3 ft lb	23	1.550	1.00	Mar	5.28	4.63	1.82	3.01	1.70	18.60				33.34
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.40	1.23	0.27	0.45	0.45	4.92	500.0000	0.30	150.00	150.00
Planter 1R	3 ft	23	1.500	1.00	Apr	5.12	4.48	0.35	0.66	1.65	18.00				8.27
Cantaloupe seed	lbs											2.0000	338.00	676.00	28.61
Sprayer, boom Curbit	12 ft pt	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				676.00
Sprayer, boom Thionex	12 ft pt	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28	3.0000	4.65	13.95	4.28
Cultivate & fert 1R Amm. Nitrate 33%	3 ft cwt	23	1.610	1.00	Apr	5.49	4.81	1.77	2.93	1.77	19.32	1.0000	4.60	4.60	13.95
Middle buster 1R	3 ft	0	1.530	1.00	Apr			0.34	0.56					16.00	4.60
Sprayer, boom Sevin	12 ft lbs	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				16.00
Sprayer, boom Bravo	12 ft pt	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28	0.6000	6.13	3.68	9.90
Sprayer, boom Quadris	12 ft oz	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28	1.5000	6.35	9.52	9.52
Other labor	hour			1.00	May							8.0000	2.16	17.28	4.28
Sprayer, boom Poast	12 ft pt	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28	8.0000	9.60	76.80	76.80
Sprayer, boom Crop oil	12 ft pt	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28	1.0000	8.90	8.90	8.90
Sprayer, boom Quadris	12 ft oz	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28	2.0000	1.05	2.10	2.10
Sprayer, boom Bravo	12 ft pt	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28	8.0000	2.16	17.28	17.28
Sprayer, boom Capture	12 ft oz	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28	2.5000	6.35	15.88	4.28
Sprayer, boom Bravo	12 ft pt	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28	4.0000	2.59	10.36	15.88
Sprayer, boom Capture	12 ft oz	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28	1.5000	6.35	9.52	9.52
Harvest labor	hour			1.00	Jul							4.0000	2.59	10.36	10.36
Harvest container	each				Jul							50.0000	9.60	480.00	480.00
Pickup truck	1/2 ton		1.000	10.00	Jul	90.63	74.03			10.00	109.10	8.0000	2.00	16.00	16.00
Shredder 1R	5 ft	23	0.740	1.00	Jul	2.52	2.21	0.36	1.08	0.81	8.88				273.76
Middle buster 1R	3 ft	23	1.530	1.00	Jul	5.21	4.57	0.34	0.56	1.68	18.36				15.05
Irrigate	acre				Apr	0.21	0.17	22.47	60.51	0.34	3.38	1.0000		90.00	29.04
TOTALS						135.89	111.97	33.29	77.79	23.65	257.68			1653.58	2270.20
INTEREST ON OPERATING CAPITAL															45.54
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2315.74

Table 10.B Summary of estimated costs per acre Cantaloupes, hybrid, irrigated local fresh market, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		191.35	1.0000	191.35	_____
FUNGICIDES		69.48	1.0000	69.48	_____
HERBICIDES		24.95	1.0000	24.95	_____
HIRED LABOR		76.80	1.0000	76.80	_____
INSECTICIDES		29.00	1.0000	29.00	_____
PACK & HARVEST ITEMS		16.00	1.0000	16.00	_____
SEED		676.00	1.0000	676.00	_____
PLASTIC		90.00	1.0000	90.00	_____
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	2.20	3.7929	8.35	_____
ELECTRICITY	kWh	0.14	84.0000	11.76	_____
GASOLINE	gal	2.50	36.7972	92.02	_____
REPAIR & MAINTENANCE		57.05	1.0000	57.05	_____
INTEREST ON OP. CAP.		45.54	1.0000	45.54	_____
				-----	
TOTAL DIRECT EXPENSES				2125.98	_____
TOTAL FIXED EXPENSES				189.76	_____
				-----	
TOTAL SPECIFIED EXPENSES				2315.74	_____

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, 2009.

Yield (Melon)	-----Price Per Melon-----				
	1.50	1.75	2.00	2.25	2.50
	-----Net Returns Per Acre-----				
1500.00	412.02	787.02	1162.02	1537.02	1912.02
2000.00	1018.02	1518.02	2018.02	2518.02	3018.02
2500.00	1624.02	2249.02	2874.02	3499.02	4124.02
3000.00	2230.02	2980.02	3730.02	4480.02	5230.02
3500.00	2836.02	3711.02	4586.02	5461.02	6336.02

Table 11.A Estimated resource use and costs for field operations per acre, Cauliflower, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	1.00	Jul	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	1.00	Aug	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk & herb appl 2R	6 ft	23	0.590	1.00	Aug	2.01	1.76	0.83	1.38	0.64	7.08				13.06
Treflan	pt											1.2500	3.18	3.98	3.98
Hipper 1R	3 ft	23	1.530	1.00	Aug	5.21	4.57	0.67	1.11	1.68	18.36				29.92
13-13-13	lb											800.0000	0.29	232.00	232.00
Hipper 1R	3 ft	23	1.530	1.00	Aug	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Trailer utility	10 ft	23	1.000	1.00	Aug	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Planting labor	hour											20.0000	9.60	192.00	192.00
Cauliflower plants	100											100.0000	3.50	350.00	350.00
Other labor	hour			1.00	Aug							4.0000	9.60	38.40	38.40
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Confirm	oz											8.0000	1.46	11.68	11.68
Dipel	pt											1.0000	4.26	4.26	4.26
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Cultivator 1R	3 ft	23	1.530	1.00	Oct	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Confirm	oz											8.0000	1.46	11.68	11.68
Dipel	pt											1.0000	4.26	4.26	4.26
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Solubore	lb											1.0000	1.10	1.10	1.10
Sodium Molybdate	lb											0.2500	18.00	4.50	4.50
Aliette	lb											4.0000	12.00	48.00	48.00
Cultivator 1R	3 ft	23	1.530	1.00	Oct	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Bravo	pt											1.5000	6.35	9.52	9.52
SpinTor	oz											4.0000	4.71	18.84	18.84
Blanching labor	hour			1.00	Nov							15.0000	9.60	144.00	144.00
Trailer utility	10 ft	23	1.000	2.00	Nov	6.82	5.98	0.53	2.34	2.20	24.00				39.67
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	1.22	366.00	366.00
Pickup truck	1/2 ton		1.000	10.00	Nov	90.63	74.03			10.00	109.10				273.76
Disk 2R	6 ft	43	0.570	1.00	Nov	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Irrigate	acre				Aug	0.21	0.17	25.65	60.51	5.16	49.70	1.0000		90.00	226.24
TOTALS						142.01	117.35	36.52	79.94	30.45	325.60			2252.17	2953.59
INTEREST ON OPERATING CAPITAL															43.39
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2996.98

Table 11.B Summary of estimated costs per acre, Cauliflower, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER	ac	262.95	1.0000	262.95	_____
FUNGICIDES	ac	80.88	1.0000	80.88	_____
HERBICIDES	ac	14.98	1.0000	14.98	_____
HIRED LABOR	ac	374.40	1.0000	374.40	_____
INSECTICIDES	ac	31.36	1.0000	31.36	_____
PACK & HARVEST ITEMS	ac	366.00	1.0000	366.00	_____
PLASTIC	ac	90.00	1.0000	90.00	_____
PLANTS	ac	350.00	1.0000	350.00	_____
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	2.20	3.7929	8.35	_____
ELECTRICITY	kWh	0.14	96.0000	13.44	_____
GASOLINE	gal	2.50	38.8312	97.09	_____
REPAIR & MAINTENANCE	ac	59.65	1.0000	59.65	_____
INTEREST ON OP. CAP.	ac	43.39	1.0000	43.39	_____
				-----	
TOTAL DIRECT EXPENSES				2799.69	_____
TOTAL FIXED EXPENSES				197.29	_____
				-----	
TOTAL SPECIFIED EXPENSES				2996.98	_____

Table 11.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, 2009.

Yield (Boxes)	-----Price Per Box-----				
	12.00	13.50	15.00	16.50	18.00
	-----Net Returns Per Acre-----				
180.00	-348.47	-78.47	191.53	461.53	731.53
240.00	225.92	585.92	945.92	1305.92	1665.92
300.00	800.31	1250.31	1700.31	2150.31	2600.31
360.00	1374.70	1914.70	2454.70	2994.70	3534.70
420.00	1949.09	2579.09	3209.09	3839.09	4469.09

Table 12.A Estimated resource use and costs for field operations per acre, Corn, Sweet, hybrid, fresh market, irrigated, one-row equipment, average yield, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	1.00	Feb	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Fertilizer buggy	30 ft	93	0.060	1.00	Mar	0.12	0.60		0.38	0.06	0.72				1.82
13-13-13	lb											750.0000	0.29	217.50	217.50
Disk 2R	6 ft	43	0.570	2.00	Mar	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Planter & herb 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	0.65	1.23	1.68	18.36				30.02
Sweet corn seed	lbs											12.0000	8.10	97.20	97.20
Lorsban 4E	pt											4.0000	4.45	17.80	17.80
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Lasso	qt											6.0000	6.60	39.60	39.60
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.5000	16.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ambush	pt											0.5600	14.13	7.91	7.91
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ambush	pt											0.5600	14.13	7.91	7.91
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.5000	16.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ambush	pt											0.5600	14.13	7.91	7.91
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ambush	pt											0.5600	14.13	7.91	7.91
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ambush	pt											0.5600	14.13	7.91	7.91
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ambush	pt											0.5600	14.13	7.91	7.91
Trailer utility	10 ft	23	1.000	1.00	Jun	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.49	68.11	68.11
Pickup truck	1/2 ton		1.000	12.60	Jun	114.19	93.28			12.60	137.47				344.94
Shredder 1R	5 ft	23	0.740	1.00	Jun	2.52	2.21	0.36	1.08	0.81	8.88				15.05
Disk 2R	6 ft	43	0.570	1.00	Jul	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Irrigate	acre				Mar	0.21	0.17	22.47	60.51	0.34	3.38	1.0000		90.00	176.74
TOTALS						165.84	136.75	34.83	81.67	27.93	304.41			939.02	1662.52
INTEREST ON OPERATING CAPITAL															26.40
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1688.92

Table 12.B Summary of estimated costs per acre Corn, Sweet, hybrid, fresh market, irrigated, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		290.85	1.0000	290.85	_____
HERBICIDES		39.60	1.0000	39.60	_____
INSECTICIDES		65.26	1.0000	65.26	_____
PACK & HARVEST ITEMS		68.11	1.0000	68.11	_____
SEED		97.20	1.0000	97.20	_____
PLASTIC		90.00	1.0000	90.00	_____
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	2.20	5.0526	11.12	_____
ELECTRICITY	kWh	0.14	84.0000	11.76	_____
GASOLINE	gal	2.50	44.3142	110.81	_____
REPAIR & MAINTENANCE		66.98	1.0000	66.98	_____
INTEREST ON OP. CAP.		26.40	1.0000	26.40	_____
				-----	
TOTAL DIRECT EXPENSES				1470.50	_____
TOTAL FIXED EXPENSES				218.42	_____
				-----	
TOTAL SPECIFIED EXPENSES				1688.92	_____

Table 12.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, 2009.

Yield (Sacks)	-----Price Per Sack -----				
	5.00	5.50	6.00	6.50	7.00
	-----Net Returns Per Acre-----				
400.00	706.30	906.30	1106.30	1306.30	1506.30
500.00	1117.90	1367.90	1617.90	1867.90	2117.90
600.00	1529.50	1829.50	2129.50	2429.50	2729.50
700.00	1941.10	2291.10	2641.10	2991.10	3341.10
800.00	2352.70	2752.70	3152.70	3552.70	3952.70

Table 13.A Estimated resource use and costs for field operations per acre, Cucumber, hybrid, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	1.00	Jan	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	2.00	Mar	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Middle buster 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	0.34	0.56	1.68	18.36				29.04
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											500.0000	0.30	150.00	150.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Planter 1R	3 ft	23	1.500	1.00	Apr	5.12	4.48	0.35	0.66	1.65	18.00				28.61
Cucumber seed	lbs											1.0000	70.00	70.00	70.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Curbit	pt											3.0000	4.65	13.95	13.95
Other labor	hour			1.00	Apr							10.0000	9.60	96.00	96.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Thionex	pt											1.0000	4.60	4.60	4.60
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.0000	16.00	16.00	16.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Quadris	oz											8.0000	2.16	17.28	17.28
Capture	oz											4.5000	2.59	11.66	11.66
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Quadris	oz											8.0000	2.16	17.28	17.28
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Capture	oz											4.5000	2.59	11.66	11.66
Bravo	pt											1.5000	6.35	9.52	9.52
Other labor	hour			1.00	May							8.0000	9.60	76.80	76.80
Cultivator 1R	3 ft	23	1.530	1.00	May	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Capture	oz											4.5000	2.59	11.66	11.66
Bravo	pt											1.5000	6.35	9.52	9.52
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Harvest labor	bu											300.0000	1.50	450.00	450.00
Harvest container	each											8.0000	2.00	16.00	16.00
Packing				1.00	Jun										
Packing labor	hour											30.0000	9.60	288.00	288.00
Packing boxes	each											300.0000	1.22	366.00	366.00
Pickup truck	1/2 ton		1.000	10.00	Jun	90.63	74.03			10.00	109.10				273.76
Shredder 1R	5 ft	23	0.740	1.00	Jun	2.52	2.21	0.36	1.08	0.81	8.88				15.05
Disk 2R	6 ft	43	0.570	2.00	Jul	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Pack line/wet/small	each			1.00	Jun					120.90		0.1000			120.90
Packing	acre											1.0000			288.00
Irrigate	acre				Mar	0.21	0.17	22.47	60.51	0.34	3.38	1.0000		90.00	176.74
TOTALS						147.51	121.01	35.70	202.68	56.59	577.72			1762.28	2846.90
INTEREST ON OPERATING CAPITAL															33.46
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2885.26

Table 13.B Summary of estimated costs per acre, Cucumber, hybrid, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		191.35	1.0000	191.35	_____
FUNGICIDES		53.60	1.0000	53.60	_____
HERBICIDES		24.95	1.0000	24.95	_____
HIRED LABOR		172.80	1.0000	172.80	_____
INSECTICIDES		39.58	1.0000	39.58	_____
PACK & HARVEST ITEMS		382.00	1.0000	382.00	_____
SEED		70.00	1.0000	70.00	_____
PLASTIC		90.00	1.0000	90.00	_____
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	2.20	6.3123	13.89	_____
ELECTRICITY	kWh	0.14	119.0000	16.66	_____
GASOLINE	gal	2.50	38.5261	96.34	_____
REPAIR & MAINTENANCE		61.22	1.0000	61.22	_____
INTEREST ON OP. CAP.		33.46	1.0000	33.46	_____
				-----	
TOTAL DIRECT EXPENSES				2561.57	_____
TOTAL FIXED EXPENSES				323.69	_____
				-----	
TOTAL SPECIFIED EXPENSES				2885.26	_____

Table 13.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, 2009.

Yield (Boxes)	-----Price Per Box-----				
	10.00	11.00	12.00	13.00	14.00
	-----Net Returns Per Acre-----				
200.00	-339.57	-139.57	60.43	260.43	460.43
250.00	49.43	299.43	549.43	799.43	1049.43
300.00	438.43	738.43	1038.43	1338.43	1638.43
350.00	827.43	1177.43	1527.43	1877.43	2227.43
400.00	1216.43	1616.43	2016.43	2416.43	2816.43

Table 14.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, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	3.00	Feb	9.62	6.71	2.11	3.49	1.88	20.52				42.45
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Feb	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											600.0000	0.30	180.00	180.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Planter 1R	3 ft	23	1.500	1.00	Mar	5.12	4.48	0.35	0.66	1.65	18.00				28.61
Cucumber seed	lbs											1.0000	70.00	70.00	70.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Curbit	pt											3.5000	4.65	16.28	16.28
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.5000	16.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Ambush	pt											1.0000	14.13	14.13	14.13
Buffer	pt											2.0000	2.00	4.00	4.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ambush	pt											0.5000	14.13	7.07	7.07
Bravo	pt											1.5000	6.35	9.52	9.52
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	1.35	2.23	1.68	18.36				31.72
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	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ambush	pt											0.5000	14.13	7.07	7.07
Bravo	pt											0.5000	6.35	3.18	3.18
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	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Quadris	oz											8.0000	2.16	17.28	17.28
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
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	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Capture	oz											4.5000	2.59	11.66	11.66
Bravo	pt											0.5000	6.35	3.18	3.18
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Quadris	oz											8.0000	2.16	17.28	17.28
Sprayer, boom	12 ft	23	0.190	2.00	Jun	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Capture	oz											9.0000	2.59	23.31	23.31
Bravo	pt											3.0000	6.35	19.05	19.05
Buffer	pt											2.0000	2.00	4.00	4.00
Trailer utility	10 ft	23	1.000	1.00	Jun	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Harvest labor	hour											65.0000	9.60	624.00	624.00
Harvest container	each											8.0000	2.00	16.00	16.00
Packing				1.00	Jun										
Packing labor	hour											15.0000	9.60	144.00	144.00
Packing boxes	each											250.0000	1.22	305.00	305.00
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sevin	lbs											0.6000	6.13	3.68	3.68
Bravo	pt											1.5000	6.35	9.52	9.52
Trailer utility	10 ft	23	1.000	1.00	Jul	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	1.22	231.80	231.80
Trailer utility	10 ft	23	1.000	1.00	Jul	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Other labor	hour											15.0000	9.60	144.00	144.00
Disk 2R	6 ft	43	0.570	2.00	Jul	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Pack line/wet/small	each			1.00	Jun										120.90
Packing	acre											0.1000			288.00
Irrigate	acre				Mar	0.21	0.17	22.47	60.51	0.34	3.38	1.0000		90.00	176.74
TOTALS						63.97	53.21	37.22	206.98	48.87	493.58			3756.06	4611.02
INTEREST ON OPERATING CAPITAL															85.57
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															4701.49

Table 14.B Summary of estimated costs per acre, Cucumber, hybrid, trellis skip row, fresh market, one-row equipment, irrigated, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		229.35	1.0000	229.35	_____
FUNGICIDES		79.01	1.0000	79.01	_____
HERBICIDES		27.28	1.0000	27.28	_____
HIRED LABOR		940.80	1.0000	940.80	_____
INSECTICIDES		80.92	1.0000	80.92	_____
PACK & HARVEST ITEMS		552.80	1.0000	552.80	_____
SEED		70.00	1.0000	70.00	_____
STAKES & TWINE		235.50	1.0000	235.50	_____
PLASTIC		90.00	1.0000	90.00	_____
CUSTOM		10.40	1.0000	10.40	_____
HARVEST LABOR		1440.00	1.0000	1440.00	_____
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	2.20	6.3123	13.89	_____
ELECTRICITY	kWh	0.14	119.0000	16.66	_____
GASOLINE	gal	2.50	15.8765	39.73	_____
REPAIR & MAINTENANCE		35.81	1.0000	35.81	_____
INTEREST ON OP. CAP.		85.57	1.0000	85.57	_____
				-----	
TOTAL DIRECT EXPENSES				4441.30	_____
TOTAL FIXED EXPENSES				260.19	_____
				-----	
TOTAL SPECIFIED EXPENSES				4701.49	_____

Table 14.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, 2009.

Yield (Boxes)	-----Price Per Box-----				
	6.00	7.50	9.00	10.50	12.00
	-----Net Returns Per Acre-----				
300.00	-2048.30	-1598.30	-1148.30	-698.30	-248.30
400.00	-1744.80	-1144.80	-544.80	55.20	655.20
500.00	-1441.30	-691.30	58.70	808.70	1558.70
600.00	-1137.80	-237.80	662.20	1562.20	2462.20
700.00	-834.30	215.70	1265.70	2315.70	3365.70

Table 15.A Estimated resource use and costs for field operations, per acre, Eggplant, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	1.00	Jan	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	2.00	Mar	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											600.0000	0.30	180.00	180.00
Hipper 1R	3 ft	23	1.530	2.00	Mar	10.43	9.15	1.35	2.23	3.36	36.72				59.88
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Plastic layer	5 ft	23	1.500	1.00	Mar	5.12	4.48	2.16	5.24	4.65	50.73				67.73
Plastic 54"	roll											5.0000	85.00	425.00	425.00
Transplanter vegtabl	1 row	23	4.000	1.00	Mar	13.63	11.96	1.25	3.79	16.40	178.92				209.55
Eggplant plants	100											50.0000	8.50	425.00	425.00
Cultivator 2R	6 ft	43	0.570	1.00	Mar	3.21	2.24	0.88	1.45	0.62	6.84				14.62
Other labor	hour			1.00	Apr							5.0000	9.60	48.00	48.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Malathion	pt											1.0000	2.63	2.63	2.63
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											0.7500	16.00	12.00	12.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Malathion	pt											1.0000	2.63	2.63	2.63
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ambush	pt											0.8000	14.13	11.30	11.30
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											0.7500	16.00	12.00	12.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Pravado	pt											0.2000	55.88	11.18	11.18
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
AgriMek	pt											1.0000	75.00	75.00	75.00
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer small	8 ft	23	1.000	1.00	Jun	3.41	2.99	0.24	1.05	1.10	12.00				19.69
Harvest labor	hour											50.0000	9.60	480.00	480.00
Harvest container	each											8.0000	2.00	16.00	16.00
Packing	hour			1.00	Jun							25.0000	9.60	240.00	240.00
Packing labor	hour											225.0000	1.22	274.50	274.50
Packing boxes	each														34.32
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											0.7500	16.00	12.00	12.00
Trailer small	8 ft	23	1.000	1.00	Aug	3.41	2.99	0.24	1.05	1.10	12.00				19.69
Harvest labor	hour											50.0000	9.60	480.00	480.00
Packing	hour			1.00	Aug							225.0000	1.22	274.50	274.50
Packing labor	hour											50.0000	9.60	480.00	480.00
Pickup truck	1/2 ton		1.000	4.70	Aug	42.60	34.79			4.70	51.28				128.67
Coulter	1 row	23	1.500	1.00	Sep	5.12	4.48	0.64	1.09	1.65	18.00				29.33
Other labor	hour											15.0000	9.60	144.00	144.00
Shredder 1R	5 ft	23	0.740	1.00	Sep	2.52	2.21	0.36	1.08	0.81	8.88				15.05
Pickup truck	1/2 ton		1.000	1.00	Sep	9.06	7.40			1.00	10.91				27.37
Middle buster 1R	3 ft	23	1.530	1.00	Sep	5.21	4.57	0.34	0.56	1.68	18.36				29.04
Disk 2R	6 ft	43	0.570	1.00	Sep	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Pack line/wet/small	each			1.00	Jun							0.1000			120.90
Packing	acre											1.0000			288.00
Irrigate	acre				Mar	0.21	0.17	22.47	60.51	0.34	3.38	1.0000		90.00	176.74
TOTALS						143.81	120.09	42.23	218.42	78.66	818.54			3742.09	5085.18
INTEREST ON OPERATING CAPITAL															148.29
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															5238.37

Table 15.B Summary of estimated costs per acre, Eggplant, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		241.35	1.0000	241.35	_____
HERBICIDES		11.00	1.0000	11.00	_____
HIRED LABOR		192.00	1.0000	192.00	_____
INSECTICIDES		112.74	1.0000	112.74	_____
PACK & HARVEST ITEMS		565.00	1.0000	565.00	_____
PLASTIC		515.00	1.0000	515.00	_____
PLANTS		425.00	1.0000	425.00	_____
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	2.20	6.3123	13.89	_____
ELECTRICITY	kWh	0.14	119.0000	16.66	_____
GASOLINE	gal	2.50	39.4603	98.69	_____
REPAIR & MAINTENANCE		61.70	1.0000	61.70	_____
INTEREST ON OP. CAP.		148.29	1.0000	148.29	_____
				-----	
TOTAL DIRECT EXPENSES				4899.86	_____
TOTAL FIXED EXPENSES				338.51	_____
				-----	
TOTAL SPECIFIED EXPENSES				5238.37	_____

Table 15.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, 2009.

Yield (Boxes)	-----Price Per Box-----				
	10.50	12.00	13.50	15.00	16.50
	-----Net Returns Per Acre-----				
300.00	-990.86	-540.86	-90.86	359.14	809.14
375.00	-582.86	-20.36	542.14	1104.64	1667.14
450.00	-174.86	500.14	1175.14	1850.14	2525.14
525.00	233.14	1020.64	1808.14	2595.64	3383.14
600.00	641.14	1541.14	2441.14	3341.14	4241.14

Table 16.A Estimated resource use and costs for field operations, per acre, Eggplant, bare soil, trellis, one-row equipment, 60" skip rows, fresh market, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	1.00	Jan	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	2.00	Feb	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.28	4.63	1.82	3.01	1.70	18.60				33.34
13-13-13	lb											700.0000	0.29	203.00	203.00
Disk & herb appl 6R	20 ft	143	0.100	1.00	Mar	1.79	0.85	0.82	1.36	0.11	1.20				6.02
Devrinol	lb											3.0000	8.39	25.17	25.17
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	2.56	2.24	0.63	1.23	0.82	9.00				15.66
Trailer utility	10 ft	23	1.000	1.00	Mar	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Eggplant 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	5.63	3.92	0.63	3.16	1.10	12.00				25.34
Cultivator 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Trailer utility	10 ft	23	1.000	1.00	Apr	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Malathion	pt											1.0000	2.63	2.63	2.63
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.5000	16.00	24.00	24.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ambush	pt											0.8000	14.13	11.30	11.30
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Trailer utility	10 ft	23	1.000	1.00	Apr	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											0.7500	16.00	12.00	12.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Vendex	lb											3.0000	25.50	76.50	76.50
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Jun	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Harvest labor	hour											44.0000	9.60	422.40	422.40
Harvest container	each											8.0000	2.00	16.00	16.00
Packing				1.00	Jun										
Packing labor	hour											22.0000	9.60	211.20	211.20
Packing boxes	each											225.0000	1.22	274.50	274.50
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											0.7500	16.00	12.00	12.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Pravado	pt											0.2300	55.88	12.85	12.85
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	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Pravado	pt											0.2300	55.88	12.85	12.85
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Jul	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	1.22	24.40	24.40
Packing labor	hour											20.0000	9.60	192.00	192.00
Trailer utility	10 ft	23	1.000	1.00	Aug	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Other labor	hour											8.0000	9.60	76.80	76.80
Pickup truck	1/2 ton		1.000	1.00	Aug	9.06	7.40			1.00	10.91				27.37
Shredder 1R	5 ft	23	0.740	1.00	Aug	2.52	2.21	0.36	1.08	0.81	8.88				15.05
Disk 2R	6 ft	43	0.570	2.00	Aug	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Pack line/wet/small	each			1.00	Jun						120.90				120.90
Packing	acre											30.00	288.00		288.00
TOTALS						104.14	86.15	20.70	162.12	58.45	598.43			3256.25	4227.79
INTEREST ON OPERATING CAPITAL															111.62
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															4344.31

Table 16.B Summary of estimated costs per acre, Eggplant, bare soil, trellis, one-row equipment, 60" skip rows, 2500 plants/acre, fresh market, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		276.35	1.0000	276.35	_____
HERBICIDES		36.17	1.0000	36.17	_____
HIRED LABOR		729.60	1.0000	729.60	_____
INSECTICIDES		126.13	1.0000	126.13	_____
PACK & HARVEST ITEMS		314.90	1.0000	314.90	_____
STAKES & TWINE		255.00	1.0000	255.00	_____
PLANTS		212.50	1.0000	212.50	_____
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	2.20	9.2445	20.33	_____
ELECTRICITY	kWh	0.14	35.0000	4.90	_____
GASOLINE	gal	2.50	26.2413	65.66	_____
REPAIR & MAINTENANCE		38.85	1.0000	38.85	_____
INTEREST ON OP. CAP.		111.62	1.0000	111.62	_____
				-----	
TOTAL DIRECT EXPENSES				4096.04	_____
TOTAL FIXED EXPENSES				248.27	_____
				-----	
TOTAL SPECIFIED EXPENSES				4344.31	_____

Table 16.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, 2009.

Yield (boxes)	-----Price Per Box-----				
	11.50	12.50	13.50	14.50	15.50
	-----Net Returns Per Acre-----				
250.00	-606.04	-356.04	-106.04	143.96	393.96
325.00	-51.04	273.96	598.96	923.96	1248.96
400.00	503.96	903.96	1303.96	1703.96	2103.96
475.00	1058.96	1533.96	2008.96	2483.96	2958.96
550.00	1613.96	2163.96	2713.96	3263.96	3813.96

Table 17.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, 2009.

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	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Lime (spread)	ton											0.6670	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	2.00	Feb	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.28	4.63	1.82	3.01	1.70	18.60				33.34
13-13-13	lb											700.0000	0.29	203.00	203.00
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Plastic layer	5 ft	23	1.500	1.00	Mar	5.12	4.48	2.16	5.24	4.65	50.73				67.73
Plastic 54"	roll											3.0000	85.00	255.00	255.00
T-tape, drip irrig.	roll											2.0000	111.00	222.00	222.00
Hose, lay flat	roll											1.0000	90.00	90.00	90.00
Other labor	hour											10.0000	9.60	96.00	96.00
Transplanter mod 900	1 row	23	3.000	1.00	Mar	10.23	8.97	3.17	9.61	9.30	101.46				133.44
Eggplant plants	100											25.0000	8.50	212.50	212.50
Planting labor	hour											2.0000	9.60	19.20	19.20
Trailer, water	10 ft	43	1.000	1.00	Mar	5.63	3.92	0.63	3.16	1.10	12.00				25.34
Trailer utility	10 ft	23	1.000	1.00	Mar	3.41	2.99	0.27	1.17	1.10	12.00				19.84
CaNO3, water sol.	lb			1.00	Mar							50.0000	0.60	30.00	30.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.60	30.00	30.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Malathion	pt											1.0000	2.63	2.63	2.63
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Admire 2F	pt											1.0000	76.48	76.48	76.48
Trailer utility	10 ft	23	1.000	2.00	Apr	6.82	5.98	0.53	2.34	2.20	24.00				39.67
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	0.60	30.00	30.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Gramoxone	pt											2.5000	4.86	12.15	12.15
Surfactant	pt											0.5000	1.68	0.84	0.84
Sprayer, boom	12 ft	23	0.190	2.00	May	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Ambush	pt											1.6000	14.13	22.61	22.61
Buffer	pt											2.0000	2.00	4.00	4.00
CaNO3, water sol.	lb			1.00	May							50.0000	0.60	30.00	30.00
CaNO3, water sol.	lb			1.00	May							50.0000	0.60	30.00	30.00
Sprayer, boom	12 ft	23	0.190	2.00	May	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Pravado	pt											0.4600	55.88	25.70	25.70
Trailer utility	10 ft	23	1.000	1.00	Jun	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.60	30.00	30.00
Trailer utility	10 ft	23	1.000	1.00	Jun	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	1.22	366.00	366.00
Sprayer, boom	12 ft	23	0.190	2.00	Jun	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Pravado	pt											0.4600	55.88	25.70	25.70
CaNO3, water sol.	lb			1.00	Jun							50.0000	0.60	30.00	30.00
Packing	hour			1.00	Jun							20.0000	9.60	192.00	192.00
Packing labor	hour											300.0000	1.22	366.00	366.00
Packing boxes	each											25.0000	9.60	240.00	240.00
Harvest labor	hour														4.28
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Vendex	lb											3.0000	25.50	76.50	76.50
Trailer utility	10 ft	23	1.000	1.00	Jul	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Harvest labor	hour											50.0000	9.60	480.00	480.00
Packing	hour			1.00	Jul										20.0000
Packing labor	hour											20.0000	9.60	192.00	192.00
Packing boxes	each											300.0000	1.22	366.00	366.00
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Other labor	hour			1.00	Aug							2.5000	9.60	24.00	24.00
Shredder 1R	5 ft	23	0.740	1.00	Aug	2.52	2.21	0.36	1.08	0.81	8.88				15.05
Trailer utility	10 ft	23	1.000	1.00	Aug	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Other labor	hour											8.0000	9.60	76.80	76.80
Coulter	1 row	23	1.500	1.00	Sep	5.12	4.48	0.64	1.09	1.65	18.00				29.33
Other labor	hour											15.0000	9.60	144.00	144.00
Pickup truck	1/2 ton			1.00	Sep	9.06	7.40			1.00	10.91				27.37
Disk 2R	6 ft	43	0.570	2.00	Sep	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Pack line/wet/small	each			1.00	Jul						120.90				120.90
Packing	acre											30.00	288.00		288.00
Irrigate	acre				Mar							1.0000			94.69
TOTALS						100.00	83.26	54.50	224.92	66.58	687.14			5216.66	6366.48
INTEREST ON OPERATING CAPITAL															204.14
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															6576.40

Table 17.B Summary of estimated costs per acre, Eggplant, plastic mulch, drip irrigation, trellis, fresh market, one-row equipment, 60" skip rows, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		438.35	1.0000	438.35	_____
HERBICIDES		12.99	1.0000	12.99	_____
HIRED LABOR		792.00	1.0000	792.00	_____
INSECTICIDES		235.62	1.0000	235.62	_____
PACK & HARVEST ITEMS		1098.00	1.0000	1098.00	_____
STAKES & TWINE		527.00	1.0000	527.00	_____
PLASTIC		345.00	1.0000	345.00	_____
PLANTS		212.50	1.0000	212.50	_____
HARVEST LABOR		1555.20	1.0000	1555.20	_____
Hand labor	hour	9.60	30.0000	288.00	_____
OPERATOR LABOR	hour	10.91	36.5870	399.14	_____
DIESEL FUEL	gal	2.20	8.5085	18.71	_____
ELECTRICITY	kWh	0.14	233.4000	32.66	_____
GASOLINE	gal	2.50	25.4616	63.70	_____
REPAIR & MAINTENANCE		45.21	1.0000	45.21	_____
INTEREST ON OP. CAP.		204.14	1.0000	204.14	_____
TOTAL DIRECT EXPENSES				6268.22	_____
TOTAL FIXED EXPENSES				308.18	_____
TOTAL SPECIFIED EXPENSES				6576.40	_____

Table 17.B Effects of yields and prices on net returns per acre above total direct expenses, Eggplant, plastic mulch, drip irrigation, high yield, Louisiana, 2009.

Yield (Boxes)	-----Price Per Box-----				
	7.00	8.00	9.00	10.00	11.00
	-----Net Returns Per Acre-----				
400.00	-2642.22	-2242.22	-1842.22	-1442.22	-1042.22
500.00	-2355.22	-1855.22	-1355.22	-855.22	-355.22
600.00	-2068.22	-1468.22	-868.22	-268.22	331.78
700.00	-1781.22	-1081.22	-381.22	318.78	1018.78
800.00	-1494.22	-694.22	105.78	905.78	1705.78

Table 18.A Estimated resource use and costs for field operations per acre, Greens, Mustard, fresh market, one-row equipment, average yield, Louisiana, 2009.

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	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Disk & herb appl 2R	6 ft	23	0.590	1.00	Aug	2.01	1.76	0.83	1.38	0.64	7.08				13.06
Treflan	pt											1.2500	3.18	3.98	3.98
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Aug	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											300.0000	0.30	90.00	90.00
Hipper 1R	3 ft	23	1.530	2.00	Aug	10.43	9.15	1.35	2.23	3.36	36.72				59.88
Conditioner, row 1R	6 ft	23	0.410	1.00	Aug	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Planter 1R	3 ft	23	1.500	1.00	Aug	5.12	4.48	0.35	0.66	1.65	18.00				28.61
Mustard seed	lbs											2.5000	4.00	10.00	10.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Pravado	pt											0.2300	55.88	12.85	12.85
Buffer	pt											1.0000	2.00	2.00	2.00
Aliette	lb											5.0000	12.00	60.00	60.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Sep	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.0000	16.00	16.00	16.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Confirm	oz											8.0000	1.46	11.68	11.68
Buffer	pt											1.0000	2.00	2.00	2.00
Quadris	oz											6.0000	2.16	12.96	12.96
Cultivator 1R	3 ft	23	1.530	1.00	Sep	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Pravado	pt											0.2000	55.88	11.18	11.18
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Aliette	lb											5.0000	12.00	60.00	60.00
Harvest labor	doz			1.00	Oct							600.0000	1.75	1050.00	1050.00
Harvest container	each											8.0000	2.00	16.00	16.00
Packing crates	each			1.00	Oct							300.0000	1.10	330.00	330.00
String	lbs											6.0000	2.00	12.00	12.00
Pickup truck	1/2 ton		1.000	10.00	Oct	90.63	74.03			10.00	109.10				273.76
Disk 2R	6 ft	43	0.570	1.00	Oct	3.21	2.24	0.70	1.16	0.62	6.84				14.15
TOTALS						143.65	118.79	12.94	20.75	25.88	282.38			1713.65	2292.16
INTEREST ON OPERATING CAPITAL															21.06
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2313.22

Table 18.B Summary of estimated costs per acre, Greens, Mustard, fresh market, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		106.00	1.0000	106.00	_____
FUNGICIDES		144.64	1.0000	144.64	_____
HERBICIDES		14.98	1.0000	14.98	_____
INSECTICIDES		30.03	1.0000	30.03	_____
PACK & HARVEST ITEMS		346.00	1.0000	346.00	_____
STAKES & TWINE		12.00	1.0000	12.00	_____
PLANTS		10.00	1.0000	10.00	_____
HARVEST LABOR		1050.00	1.0000	1050.00	_____
OPERATOR LABOR	hour	10.91	25.8840	282.38	_____
DIESEL FUEL	gal	2.20	3.7791	8.31	_____
GASOLINE	gal	2.50	39.3849	98.48	_____
REPAIR & MAINTENANCE		49.80	1.0000	49.80	_____
INTEREST ON OP. CAP.		21.06	1.0000	21.06	_____
				-----	
TOTAL DIRECT EXPENSES				2173.68	_____
TOTAL FIXED EXPENSES				139.54	_____
				-----	
TOTAL SPECIFIED EXPENSES				2313.22	_____

Table 18.C Effects of yields and prices on net returns per acre above total direct expenses, Greens, Mustard, fresh market, one-row equipment, average yield, Louisiana, 2009.

Yield (Per Dozen Bunches)	-----Price Per Dozen Bunches-----				
	7.00	7.50	8.00	8.50	9.00
	-----Net Returns Per Acre-----				
300.00	856.32	1006.32	1156.32	1306.32	1456.32
450.00	1441.32	1666.32	1891.32	2116.32	2341.32
600.00	2026.32	2326.32	2626.32	2926.32	3226.32
750.00	2611.32	2986.32	3361.32	3736.32	4111.32
900.00	3196.32	3646.32	4096.32	4546.32	4996.32

Table 19.A Estimated resource use and costs for field operations per acre, Okra, fresh market, one-row equipment, average yield Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	1.00	Mar	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	1.00	Apr	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	2.01	1.76	0.83	1.38	0.64	7.08				13.06
Treflan	pt											1.5000	3.18	4.77	4.77
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											300.0000	0.30	90.00	90.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Planter 1R	3 ft	23	1.500	1.00	Apr	5.12	4.48	0.35	0.66	1.65	18.00				28.61
Okra seed	lbs											6.0000	2.25	13.50	13.50
Other labor	hour			1.00	Apr							5.0000	9.60	48.00	48.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sevin	lbs											1.2500	6.13	7.66	7.66
Cultivator 1R	3 ft	23	1.530	1.00	May	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Other labor	hour			1.00	May							24.0000	9.60	230.40	230.40
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sevin	lbs											1.2500	6.13	7.66	7.66
Cultivate & fert 1R	3 ft	23	1.610	1.00	Jun	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	33% cwt											0.6000	16.00	9.60	9.60
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	1.22	48.80	48.80
Pickup truck	1/2 ton		1.000	3.00	Jul	27.19	22.21			3.00	32.73				82.13
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sevin	lbs											1.2500	6.13	7.66	7.66
Harvest labor	bu			1.00	Aug							120.0000	8.00	960.00	960.00
Harvest sacks	each											94.0000	0.25	23.50	23.50
Packing				1.00	Aug							7.0000	9.60	67.20	67.20
Packing labor	hour											40.0000	1.22	48.80	48.80
Packing boxes	each											40.0000	1.22	48.80	48.80
Pickup truck	1/2 ton		1.000	3.00	Aug	27.19	22.21			3.00	32.73				82.13
Shredder 1R	5 ft	23	0.740	1.00	Sep	2.52	2.21	0.36	1.08	0.81	8.88				15.05
Middle buster 1R	3 ft	23	1.530	1.00	Sep	5.21	4.57	0.34	0.56	1.68	18.36				29.04
Disk 2R	6 ft	43	0.570	1.00	Sep	3.21	2.24	0.70	1.16	0.62	6.84				14.15
TOTALS						103.41	85.68	10.91	18.18	20.59	224.70			2620.10	3062.98
INTEREST ON OPERATING CAPITAL															66.50
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3129.48

Table 19.B Summary of estimated costs per acre, Okra, fresh market, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		124.95	1.0000	124.95	_____
HERBICIDES		4.77	1.0000	4.77	_____
HIRED LABOR		278.40	1.0000	278.40	_____
INSECTICIDES		22.98	1.0000	22.98	_____
PACK & HARVEST ITEMS		121.10	1.0000	121.10	_____
SEED		13.50	1.0000	13.50	_____
HARVEST LABOR		2054.40	1.0000	2054.40	_____
OPERATOR LABOR	hour	10.91	20.5970	224.70	_____
DIESEL FUEL	gal	2.20	3.7791	8.31	_____
GASOLINE	gal	2.50	28.0628	70.17	_____
REPAIR & MAINTENANCE		35.84	1.0000	35.84	_____
INTEREST ON OP. CAP.		66.50	1.0000	66.50	_____
				-----	
TOTAL DIRECT EXPENSES				3025.62	_____
TOTAL FIXED EXPENSES				103.86	_____
				-----	
TOTAL SPECIFIED EXPENSES				3129.48	_____

Table 19.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, 2009.

Yield (Bushels)	-----Price Per Bushel-----				
	21.00	23.00	25.00	27.00	29.00
	-----Net Returns Per Acre-----				
160.00	1199.98	1519.98	1839.98	2159.98	2479.98
200.00	1607.18	2007.18	2407.18	2807.18	3207.18
240.00	2014.38	2494.38	2974.38	3454.38	3934.38
280.00	2421.58	2981.58	3541.58	4101.58	4661.58
320.00	2828.78	3468.78	4108.78	4748.78	5388.78

Table 20.A Estimated resource use and costs for field operation per acre, Peas Southern, nonvining, fresh market, one-row equipment, average yield, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	1.00	Feb	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	2.00	Apr	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Disk & herb appl 2R	6 ft	23	0.590	1.00	Apr	2.01	1.76	0.83	1.38	0.64	7.08				13.06
Treflan	pt											1.2500	3.18	3.98	3.98
Dual	pt											1.5000	13.47	20.21	20.21
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Apr	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											300.0000	0.30	90.00	90.00
Hipper 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Conditioner, row 1R	6 ft	23	0.410	1.00	Apr	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Planter 1R	3 ft	23	1.500	1.00	Apr	5.12	4.48	0.35	0.66	1.65	18.00				28.61
Southern pea seed	lbs											30.0000	1.75	52.50	52.50
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Thionex	pt											1.0000	4.60	4.60	4.60
Cultivator 1R	3 ft	23	1.530	1.00	May	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Other labor	hour			1.00	May							10.0000	9.60	96.00	96.00
Cultivator 1R	3 ft	23	1.530	1.00	May	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sevin	lbs											1.2500	6.13	7.66	7.66
Cultivator 1R	3 ft	23	1.530	1.00	Jun	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Capture	oz											4.5000	2.59	11.66	11.66
Trailer small	8 ft	23	1.000	1.00	Jul	3.41	2.99	0.24	1.05	1.10	12.00				19.69
Harvest labor	bu											100.0000	6.25	625.00	625.00
Harvest container	each											8.0000	2.00	16.00	16.00
Packing				1.00	Jul										
Packing labor	hour											6.0000	9.60	57.60	57.60
Harvest sacks	each											55.0000	0.25	13.75	13.75
Pickup truck	1/2 ton		1.000	3.00	Jul	27.19	22.21			3.00	32.73				82.13
Disk 2R	6 ft	43	0.570	1.00	Jul	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Sheller, bean/pea	each			1.00	Jul				62.64			0.1000			62.64
TOTALS						80.68	66.81	12.43	83.35	18.63	203.25			1035.31	1481.83
INTEREST ON OPERATING CAPITAL															20.09
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1501.92

Table 20.B Summary of estimated costs per acre, Peas, Southern, nonvining, fresh market, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		115.35	1.0000	115.35	_____
HERBICIDES		35.19	1.0000	35.19	_____
HIRED LABOR		96.00	1.0000	96.00	_____
INSECTICIDES		23.92	1.0000	23.92	_____
PACK & HARVEST ITEMS		29.75	1.0000	29.75	_____
SEED		52.50	1.0000	52.50	_____
HARVEST LABOR		682.60	1.0000	682.60	_____
OPERATOR LABOR	hour	10.91	18.6310	203.25	_____
DIESEL FUEL	gal	2.20	5.0388	11.08	_____
GASOLINE	gal	2.50	20.9809	52.47	_____
REPAIR & MAINTENANCE		29.56	1.0000	29.56	_____
INTEREST ON OP. CAP.		20.09	1.0000	20.09	_____
				-----	
TOTAL DIRECT EXPENSES				1351.76	_____
TOTAL FIXED EXPENSES				150.16	_____
				-----	
TOTAL SPECIFIED EXPENSES				1501.92	_____

Table 20.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, 2009.

Yield (Bushel)	-----Price Per Bushel-----				
	21.00	23.00	25.00	27.00	29.00
	-----Net Returns Per Acre-----				
70.00	428.52	568.52	708.52	848.52	988.52
85.00	588.38	758.38	928.38	1098.38	1268.38
100.00	748.24	948.24	1148.24	1348.24	1548.24
115.00	908.10	1138.10	1368.10	1598.10	1828.10
130.00	1067.97	1327.97	1587.97	1847.97	2107.97

Table 21.A Estimated resource use and costs for field operations per acre, Southern Peas, fresh market, one-row equipment, machine harvest, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	2.00	Feb	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Disk 2R	6 ft	43	0.570	1.00	Mar	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											300.0000	0.30	90.00	90.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Planter 1R	3 ft	23	1.500	1.00	Apr	5.12	4.48	0.35	0.66	1.65	18.00				28.61
Southern pea seed	lbs											45.0000	1.75	78.75	78.75
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Dual	pt											1.5000	13.47	20.21	20.21
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Thionex	pt											1.0000	4.60	4.60	4.60
Cultivator 1R	3 ft	23	1.530	1.00	May	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Pursuit	oz											2.0000	11.59	23.18	23.18
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Capture	oz											4.5000	2.59	11.66	11.66
Cultivator 1R	3 ft	23	1.530	1.00	Jun	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Capture	oz											4.5000	2.59	11.66	11.66
Harvester, bean 1R	3 ft	68	1.000	1.00	Jul	8.88	6.05	8.03	14.85	1.10	12.00				49.81
Packing sacks	each											25.0000	0.49	12.25	12.25
Trailer utility	10 ft	23	1.000	1.00	Jul	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Packing				1.00	Jul										
Packing labor	hour											12.0000	9.60	115.20	115.20
plastic bag, sealing	each											75.0000	0.10	7.50	7.50
Other labor	hour											20.0000	9.60	192.00	192.00
Pickup truck	1/2 ton		1.000	3.00	Jul	27.19	22.21			3.00	32.73				82.13
Disk 2R	6 ft	43	0.570	1.00	Jul	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Sheller, bean/pea	each			1.00	Jul				62.64			0.1000			62.64
Packing	acre							15.60		20.00	192.00	1.0000			207.60
TOTALS						82.99	67.10	34.26	95.14	37.60	384.09			592.36	1255.94
INTEREST ON OPERATING CAPITAL															10.30
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1266.24

Table 21.B Summary of estimated costs per acre, Peas, Southern, fresh market, one-row equipment, machine harvest, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		115.35	1.0000	115.35	_____
HERBICIDES		43.39	1.0000	43.39	_____
HIRED LABOR		192.00	1.0000	192.00	_____
INSECTICIDES		27.92	1.0000	27.92	_____
PACK & HARVEST ITEMS		19.75	1.0000	19.75	_____
SEED		78.75	1.0000	78.75	_____
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	2.20	8.5388	18.78	_____
ELECTRICITY	kWh	0.14	50.0000	7.00	_____
GASOLINE	gal	2.50	18.8000	47.02	_____
REPAIR & MAINTENANCE		44.45	1.0000	44.45	_____
INTEREST ON OP. CAP.		10.30	1.0000	10.30	_____
				-----	
TOTAL DIRECT EXPENSES				1104.00	_____
TOTAL FIXED EXPENSES				162.24	_____
				-----	
TOTAL SPECIFIED EXPENSES				1266.24	_____

Table 21.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, 2009.

Yield (Bushels)	-----Price Per Bushel-----				
	8.00	10.00	12.00	14.00	16.00
	-----Net Returns Per Acre-----				
35.00	-799.60	-729.60	-659.60	-589.60	-519.60
55.00	-651.80	-541.80	-431.80	-321.80	-211.80
75.00	-504.00	-354.00	-204.00	-54.00	96.00
95.00	-356.20	-166.20	23.80	213.80	403.80
115.00	-208.40	21.60	251.60	481.60	711.60

Table 22.A Estimated resource use and costs for field operation per acre, Peppers, Bell, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	1.00	Sep	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	1.00	Oct	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Oct	5.28	4.63	1.82	3.01	1.70	18.60				33.34
13-13-13	lb											900.0000	0.29	261.00	261.00
Hipper 1R	3 ft	23	1.530	1.00	Oct	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Conditioner, row 1R	6 ft	23	0.410	1.00	Oct	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Plastic & fumigation	5 ft	23	1.500	1.00	Oct	5.12	4.48	2.39	5.79	4.65	50.73				68.51
Plastic	roll											5.0000	76.80	384.00	384.00
Methyl bromide	lbs											150.0000	3.70	555.00	555.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Gramoxone	pt											2.0000	4.86	9.72	9.72
Surfactant	pt											1.0000	1.68	1.68	1.68
Trailer utility	10 ft	23	1.000	1.00	Mar	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Orthene	lbs											0.6700	11.90	7.97	7.97
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.49	4.81	1.77	2.93	1.77	19.32				34.32
CaNO3, regular	lb											60.0000	0.35	21.00	21.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sevin	lbs											1.2500	6.13	7.66	7.66
Kocide	lb											2.0000	5.00	10.00	10.00
Manzate	lb											1.0000	2.85	2.85	2.85
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sevin	lbs											1.2500	6.13	7.66	7.66
Kocide	lb											2.0000	5.00	10.00	10.00
Manzate	lb											1.0000	2.85	2.85	2.85
Cultivate & herb 1R	3 ft	23	1.830	1.00	May	6.24	5.47	2.01	3.33	2.01	21.96				39.01
Gramoxone	pt											1.5000	4.86	7.29	7.29
Surfactant	pt											0.3000	1.68	0.50	0.50
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Malathion	pt											1.0000	2.63	2.63	2.63
Kocide	lb											2.0000	5.00	10.00	10.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	5.49	4.81	1.77	2.93	1.77	19.32				34.32
CaNO3, regular	lb											60.0000	0.35	21.00	21.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ridomil Gold	pt											3.0000	88.00	264.00	264.00
Other labor	hour			1.00	Jun							5.0000	9.60	48.00	48.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Malathion	pt											1.0000	2.63	2.63	2.63
Trailer utility	10 ft	23	1.000	1.00	Jul	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Harvest labor	bu											900.0000	0.75	675.00	675.00
Harvest container	each											9.0000	2.00	18.00	18.00
Packing				1.00	Jul										
Packing labor	hour											66.0000	9.60	633.60	633.60
Packing boxes	each											900.0000	1.22	1098.00	1098.00
Other labor	hour			1.00	Jul							13.0000	9.60	124.80	124.80
Pickup truck	1/2 ton		1.000	4.70	Jul	42.60	34.79			4.70	51.28				128.67
Shredder 1R	5 ft	23	0.740	1.00	Jul	2.52	2.21	0.36	1.08	0.81	8.88				15.05
Coulter	1 row	23	1.500	1.00	Jul	5.12	4.48	0.64	1.09	1.65	18.00				29.33
Other labor	hour											15.0000	9.60	144.00	144.00
Disk 2R	6 ft	43	0.570	2.00	Jul	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Pack line/wet/small	each			1.00	Jul				120.90			0.1000			120.90
Packing	acre											1.0000			288.00
Irrigate	acre				Mar	0.21	0.17	22.47	60.51	0.34	3.38	1.0000		90.00	176.74
TOTALS						108.88	90.57	39.96	213.12	57.72	590.07			5285.99	6328.59
INTEREST ON OPERATING CAPITAL															167.92
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															6501.41

Table 22.B Summary of estimated costs per acre, Peppers, Bell, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		328.35	1.0000	328.35	_____
FUNGICIDES		299.70	1.0000	299.70	_____
HERBICIDES		19.19	1.0000	19.19	_____
HIRED LABOR		681.60	1.0000	681.60	_____
INSECTICIDES		28.55	1.0000	28.55	_____
PACK & HARVEST ITEMS		1116.00	1.0000	1116.00	_____
PLASTIC		474.00	1.0000	474.00	_____
FUMIGANT		555.00	1.0000	555.00	_____
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	2.20	5.0526	11.12	_____
ELECTRICITY	kWh	0.14	119.0000	16.66	_____
GASOLINE	gal	2.50	29.4458	73.66	_____
REPAIR & MAINTENANCE		52.30	1.0000	52.30	_____
INTEREST ON OP. CAP.		167.92	1.0000	167.92	_____
				-----	
TOTAL DIRECT EXPENSES				6197.72	_____
TOTAL FIXED EXPENSES				303.69	_____
				-----	
TOTAL SPECIFIED EXPENSES				6501.41	_____

Table 22.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, 2009.

Yield (Boxes)	-----Price Per Box-----				
	9.00	10.50	12.00	13.50	15.00
	-----Net Returns Per Acre-----				
600.00	-197.72	702.28	1602.28	2502.28	3402.28
750.00	852.28	1977.28	3102.28	4227.28	5352.28
900.00	1902.28	3252.28	4602.28	5952.28	7302.28
1050.00	2952.28	4527.28	6102.28	7677.28	9252.28
1200.00	4002.28	5802.28	7602.28	9402.28	11202.28

Table 23.A Estimated resource use and costs for field operations per acre, Pepper, Bell, double row, drip irrigated, wholesale market, 4-row equipment, plastic mulch, high yield, Louisiana, 2009.

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	38.00	25.46	25.46
Disk 4R	13.3 ft	68	0.150	1.00	Sep	1.34	0.91	0.92	1.52	0.16	1.80				6.49
Disk 4R	13.3 ft	68	0.150	1.00	Oct	1.34	0.91	0.92	1.52	0.16	1.80				6.49
Fertilizer buggy	30 ft	93	0.060	1.00	Oct	0.12	0.60		0.38	0.06	0.72				1.82
13-13-13	lb											900.0000	0.29	261.00	261.00
Hipper 4R	13.3 ft	68	0.160	2.00	Oct	2.84	1.94	0.63	1.05	0.35	3.84				10.30
Conditioner row 4R	13.3 ft	68	0.150	1.00	Oct	1.34	0.91	0.33	0.55	0.16	1.80				4.93
Plastic & fumigation	5 ft	23	1.500	1.00	Oct	5.12	4.48	2.39	5.79	4.65	50.73				68.51
Plastic 54"	roll											5.0000	85.00	425.00	425.00
Methyl bromide	lbs											200.0000	3.70	740.00	740.00
Other labor	hour											13.0000	9.60	124.80	124.80
T-tape, drip irrig.	roll											3.0000	111.00	333.00	333.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Gramoxone	pt											2.0000	4.86	9.72	9.72
Surfactant	pt											1.0000	1.68	1.68	1.68
Hole puncher 4R	4 row	68	0.330	1.00	Mar			0.79	1.92						2.71
Trailer utility	10 ft	23	1.000	1.00	Mar	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.60	30.00	30.00
Other labor	hour			1.00	Mar							5.0000	9.60	48.00	48.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Orthene	lbs											0.6700	11.90	7.97	7.97
Kocide	lb											2.0000	5.00	10.00	10.00
Manzate	lb											1.0000	2.85	2.85	2.85
CaNO3, water sol.	lb			2.00	Apr							50.0000	0.60	30.00	30.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Stake replacement	100											12.0000	15.00	180.00	180.00
Other labor	hour											15.0000	9.60	144.00	144.00
Admire 2F	pt			1.00	Apr							1.0000	76.48	76.48	76.48
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Manzate	lb											1.0000	2.85	2.85	2.85
Kocide	lb											2.0000	5.00	10.00	10.00
CaNO3, water sol.	lb			2.00	Apr							50.0000	0.60	30.00	30.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Manzate	lb											1.0000	2.85	2.85	2.85
Kocide	lb											2.0000	5.00	10.00	10.00
Cultivate & Herb 2R	6 ft	43	0.690	1.00	May	3.88	2.71	1.61	2.66	0.75	8.28				19.14
Gramoxone	pt											1.5000	4.86	7.29	7.29
Surfactant	pt											0.3000	1.68	0.50	0.50
CaNO3, water sol.	lb			2.00	May							50.0000	0.60	30.00	30.00
Trailer utility	10 ft	23	1.000	1.00	May	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.60	30.00	30.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Lannate	pt											1.0000	7.67	7.67	7.67
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ambush	pt											0.5000	14.13	7.07	7.07
Other labor	hour			1.00	Jun							5.0000	9.60	48.00	48.00
Cultivator 4R	13.3 ft	68	0.140	1.00	Jun	1.25	0.85	0.28	0.46	0.15	1.68				4.52
Trailer utility	10 ft	23	1.000	1.00	Jun	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Harvest labor	bu											1600.0000	0.75	1200.00	1200.00
Harvest container	each											30.0000	2.00	60.00	60.00
Other labor	hour											25.0000	9.60	240.00	240.00
Vegetable bin	each											8.0000	40.00	320.00	320.00
Packing				1.00	Jun										
Packing boxes	each											1600.0000	1.22	1952.00	1952.00
Planting labor	hour											80.0000	9.60	768.00	768.00
Fork lift			2.222	1.00	Jun	8.09	6.67			2.22	24.24				39.00
Pickup truck	1/2 ton		1.000	6.20	Jun	56.19	45.90			6.20	67.64				169.73
Shredder 2R	6.7 ft	43	0.390	1.00	Jul	2.20	1.53	0.46	1.39	0.42	4.68				10.26
Coulter	4 row	68	0.140	1.00	Jul	1.25	0.85	0.30	0.51	0.15	1.68				4.59
Other labor	hour											12.0000	9.60	115.20	115.20
Pickup truck	1/2 ton		1.000	1.00	Jul	9.06	7.40			1.00	10.91				27.37
Other labor	hour											1.0000	9.60	9.60	9.60
Disk 4R	13.3 ft	68	0.150	1.00	Jul	1.34	0.91	0.92	1.52	0.16	1.80				6.49
Cover crop	acre											1.0000	60.00	60.00	60.00
Pack line/wet/large	each			1.00	Jun				305.90			0.1000			305.90
Packing	acre							6.79		36.00	345.60	1.0000			352.39
Irrigate	acre				Mar			35.28	59.41			1.0000			94.69
TOTALS						112.90	91.95	54.80	391.84	58.30	588.88			9314.59	10554.96
INTEREST ON OPERATING CAPITAL															166.80
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															10722.64

Table 23.B Summary of estimated costs per acre, Pepper, Bell, double row, drip irrigated, wholesale market, 4-row equipment, plastic mulch, high yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		436.46	1.0000	436.46	_____
FUNGICIDES		38.55	1.0000	38.55	_____
HERBICIDES		19.19	1.0000	19.19	_____
HIRED LABOR		1891.20	1.0000	1891.20	_____
INSECTICIDES		99.19	1.0000	99.19	_____
PACK & HARVEST ITEMS		2332.00	1.0000	2332.00	_____
SEED		60.00	1.0000	60.00	_____
STAKES & TWINE		553.00	1.0000	553.00	_____
PLASTIC		425.00	1.0000	425.00	_____
FUMIGANT		740.00	1.0000	740.00	_____
PLANTS		1520.00	1.0000	1520.00	_____
HARVEST LABOR		1200.00	1.0000	1200.00	_____
Hand labor	hour	9.60	36.0000	345.60	_____
OPERATOR LABOR	hour	10.91	22.3002	243.28	_____
DIESEL FUEL	gal	2.20	6.5868	14.51	_____
ELECTRICITY	kWh	0.14	234.4000	32.80	_____
GASOLINE	gal	2.50	25.5032	63.80	_____
LP GAS	cu ft	2.64	2.4444	6.45	_____
REPAIR & MAINTENANCE		51.02	1.0000	51.02	_____
INTEREST ON OP. CAP.		166.80	1.0000	166.80	_____
				-----	
TOTAL DIRECT EXPENSES				10238.85	_____
TOTAL FIXED EXPENSES				483.79	_____
				-----	
TOTAL SPECIFIED EXPENSES				10722.64	_____

Table 23.C Effects of yields and prices on net returns per acre above total direct expenses, Peppers Bell, drip irrigated, wholesale market, four-row equipment, high yield, Louisiana, 2009.

Yield (Boxes)	-----Price Per Box-----				
	5.00	6.50	8.00	9.50	11.00
	-----Net Returns Per Acre-----				
1200.00	-3438.85	-1638.85	161.15	1961.15	3761.15
1400.00	-2838.85	-738.85	1361.15	3461.15	5561.15
1600.00	-2238.85	161.15	2561.15	4961.15	7361.15
1800.00	-1638.85	1061.15	3761.15	6461.15	9161.15
2000.00	-1038.85	1961.15	4961.15	7961.15	10961.15

Table 24.A Estimated resource use and costs for field operations per acre, Potato, Irish, fresh market, one-row equipment, average yield, Louisiana, 2009.

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	9.62	6.71	2.11	3.49	1.88	20.52				42.45
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jan	5.28	4.63	1.82	3.01	1.70	18.60				33.34
13-13-13	1 lb											800.0000	0.29	232.00	232.00
Hipper 1R	3 ft	23	1.530	1.00	Feb	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Conditioner, row 1R	6 ft	23	0.410	1.00	Feb	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Trailer utility	10 ft	23	1.000	1.00	Feb	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Dual	pt											1.5000	13.47	20.21	20.21
Sprayer, boom	12 ft	23	0.190	1.00	Feb	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Dual	pt											2.0000	13.47	26.94	26.94
Cultivate & fert 1R	3 ft	23	1.610	1.00	Mar	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.5000	16.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Bravo	pt											0.7500	6.35	4.76	4.76
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Dual	pt											1.5000	13.47	20.21	20.21
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Pounce	lb											0.5000	17.10	8.55	8.55
Dithane	lb											0.7500	5.45	4.09	4.09
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Dual	pt											1.5000	13.47	20.21	20.21
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Quadris	oz											6.0000	2.16	12.96	12.96
Shredder 1R	5 ft	23	0.740	1.00	Jun	2.52	2.21	0.36	1.08	0.81	8.88				15.05
Potato digger, chain	1 row	23	1.500	1.00	Jun	5.12	4.48	2.77	4.59	1.65	18.00				34.96
Trailer utility	10 ft	23	1.000	1.00	Jun	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Harvest labor	hour											28.0000	9.60	268.80	268.80
Harvest crate	each											30.0000	1.90	57.00	57.00
Packing					1.00	Jun									
Packing labor	hour											22.0000	9.60	211.20	211.20
Packing sacks	each											150.0000	0.49	73.50	73.50
Pickup truck	1/2 ton		1.000	7.00	Jun	63.44	51.82			7.00	76.37				191.63
Disk 2R	6 ft	43	0.570	2.00	Jun	6.41	4.47	1.40	2.32	1.25	13.68				28.28
TOTALS						126.56	104.28	17.28	29.49	25.32	276.29			1360.83	1914.73
INTEREST ON OPERATING CAPITAL															39.82
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1954.55

Table 24.B Summary of estimated costs per acre, Potato, Irish, fresh market, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		256.00	1.0000	256.00	_____
FUNGICIDES		21.81	1.0000	21.81	_____
HERBICIDES		87.57	1.0000	87.57	_____
HIRED LABOR		134.40	1.0000	134.40	_____
INSECTICIDES		8.55	1.0000	8.55	_____
PACK & HARVEST ITEMS		130.50	1.0000	130.50	_____
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	2.20	6.2985	13.85	_____
GASOLINE	gal	2.50	33.1053	82.80	_____
REPAIR & MAINTENANCE		47.19	1.0000	47.19	_____
INTEREST ON OP. CAP.		39.82	1.0000	39.82	_____
				-----	
TOTAL DIRECT EXPENSES				1820.78	_____
TOTAL FIXED EXPENSES				133.77	_____
				-----	
TOTAL SPECIFIED EXPENSES				1954.55	_____

Table 24.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, 2009.

Yield (Cwt)	-----Price Per Cwt-----				
	25.00	27.50	30.00	32.50	35.00
	-----Net Returns Per Acre-----				
100.00	812.72	1062.72	1312.72	1562.72	1812.72
125.00	1370.97	1683.47	1995.97	2308.47	2620.97
150.00	1929.22	2304.22	2679.22	3054.22	3429.22
175.00	2487.47	2924.97	3362.47	3799.97	4237.47
200.00	3045.72	3545.72	4045.72	4545.72	5045.72

Table 25.A Estimated resource use and costs for field operations per acre, Potato, Sweet, fresh market, one-row equipment, average yield, Louisiana, 2009.

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	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	2.00	Apr	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Hipper 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Lorsban 4E	pt											2.0000	4.45	8.90	8.90
Fertilizer applicatr	1 row	23	0.500	1.00	Apr	1.70	1.49	0.15	0.29	0.55	6.00	500.0000	0.30	150.00	150.00
8-24-24	lb														9.63
Hipper 1R	3 ft	23	1.530	1.00	May	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Ditcher	1.5 ft	23	0.050	1.00	May	0.17	0.15	0.19	0.31	0.05	0.60				1.42
Hipper 1R	3 ft	23	1.530	1.00	May	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Trailer utility	10 ft	23	1.000	1.00	May	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Planting labor	hour											10.0000	9.60	96.00	96.00
Sweet potato slips	acre											1.0000	161.93	161.93	161.93
Cut slip labor	hour											5.0000	9.60	48.00	48.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Command	pt											1.3000	12.93	16.81	16.81
Trailer, water	10 ft	43	1.000	1.00	May	5.63	3.92	0.63	3.16	1.10	12.00				25.34
Other labor	hour											2.0000	9.60	19.20	19.20
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Penncap M	pt											2.0000	3.55	7.10	7.10
Cultivator 1R	3 ft	23	1.530	1.00	Jun	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Imidan	lb.											1.3300	6.55	8.71	8.71
Ditcher	1.5 ft	23	0.050	1.00	Jun	0.17	0.15	0.19	0.31	0.05	0.60				1.42
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Penncap M	pt											2.0000	3.55	7.10	7.10
Cultivator 1R	3 ft	23	1.530	1.00	Jul	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Imidan	lb.											1.3000	6.55	8.52	8.52
Cultivator 1R	3 ft	23	1.530	1.00	Jul	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Ditcher	1.5 ft	23	0.050	1.00	Jul	0.17	0.15	0.19	0.31	0.05	0.60				1.42
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Penncap M	pt											2.0000	3.55	7.10	7.10
Sprayer, boom	12 ft	23	0.190	1.00	Jul	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Imidan	lb.											1.3000	6.55	8.52	8.52
Sprayer, boom	12 ft	23	0.190	1.00	Aug	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Penncap M	pt											2.0000	3.55	7.10	7.10
Trailer utility	10 ft	23	1.000	2.00	Sep	6.82	5.98	0.53	2.34	2.20	24.00				39.67
Shredder 1R	5 ft	23	0.740	1.00	Sep	2.52	2.21	0.36	1.08	0.81	8.88				15.05
Coulter	1 row	23	1.500	1.00	Sep	5.12	4.48	0.64	1.09	1.65	18.00				29.33
Potato digger, chain	1 row	23	1.500	1.00	Sep	5.12	4.48	2.77	4.59	1.65	18.00				34.96
Harvest labor	hour											50.0000	9.60	480.00	480.00
Harvest crate	each											75.0000	1.90	142.50	142.50
Truck	2 ton		1.000	2.00	Sep	28.50	29.13			2.00	21.82				79.45
Other labor	hour											8.0000	9.60	76.80	76.80
TOTALS						105.41	93.82	16.88	31.59	24.88	271.42			1254.29	1773.41
INTEREST ON OPERATING CAPITAL															35.28
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1808.69

Table 25.B Summary of estimated costs per acre, Potato, Sweet, fresh market, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		150.00	1.0000	150.00	_____
HERBICIDES		16.81	1.0000	16.81	_____
HIRED LABOR		240.00	1.0000	240.00	_____
INSECTICIDES		63.05	1.0000	63.05	_____
PACK & HARVEST ITEMS		142.50	1.0000	142.50	_____
SEED		161.93	1.0000	161.93	_____
HARVEST LABOR		480.00	1.0000	480.00	_____
OPERATOR LABOR	hour	10.91	24.8800	271.42	_____
DIESEL FUEL	gal	2.20	5.9891	13.17	_____
GASOLINE	gal	2.50	27.8417	69.62	_____
REPAIR & MAINTENANCE		39.50	1.0000	39.50	_____
INTEREST ON OP. CAP.		35.28	1.0000	35.28	_____
				-----	
TOTAL DIRECT EXPENSES				1683.28	_____
TOTAL FIXED EXPENSES				125.41	_____
				-----	
TOTAL SPECIFIED EXPENSES				1808.69	_____

Table 25.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, 2009.

Yield (Boxes)	-----Price Per Box-----				
	10.25	11.75	13.25	14.75	16.25
	-----Net Returns Per Acre-----				
150.00	-670.78	-535.78	-400.78	-265.78	-130.78
200.00	-333.28	-153.28	26.72	206.72	386.72
250.00	4.22	229.22	454.22	679.22	904.22
300.00	341.72	611.72	881.72	1151.72	1421.72
350.00	679.22	994.22	1309.22	1624.22	1939.22

Table 26.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, 2009.

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	143	0.100	3.00	Apr	5.36	2.56	3.23	5.35	0.33	3.60				20.10
Fertilizer buggy 8-24-24	30 ft lb	68	0.060	1.00	Apr	0.53	0.36	0.23	0.38	0.06	0.72				2.22
Fumigant applicator Telone II	6 R gal	143	0.090	1.00	Apr	1.61	0.77	0.41	1.18	0.09	1.08	500.0000	0.30	150.00	150.00
Hipper 6R	20 ft	143	0.090	2.00	Apr	3.21	1.54	0.57	0.94	0.19	2.16				8.42
Disk 6R	20 ft	143	0.100	1.00	Apr	1.79	0.85	1.08	1.78	0.11	1.20				6.70
Hipper 6R	20 ft	143	0.090	1.00	Apr	1.61	0.77	0.29	0.47	0.09	1.08				4.22
Hipper 6R	20 ft	143	0.090	1.00	Apr	1.61	0.77	0.29	0.47	0.09	1.08				4.22
Valor	oz											7.5000	4.23	31.73	31.73
Hipper 6R	20 ft	143	0.090	1.00	Apr	1.61	0.77	0.29	0.47	0.09	1.08				4.22
Lorsban 4E	pt											2.0000	4.45	8.90	8.90
Trailer utility	10 ft	23	1.000	1.00	May	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Sweet potato slips	acre											1.0000	161.93	161.93	161.93
Cut slip labor	hour											5.0000	9.60	48.00	48.00
Transplanter 4R	12 ft	68	0.600	1.00	May	5.33	3.63	1.52	5.83	0.66	7.20				23.51
Planting labor	hour											12.0000	9.60	115.20	115.20
Harvest crate	each											3.0000	1.90	5.70	5.70
Sprayer, boom	20 ft	93	0.120	1.00	May	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Command	pt											1.3000	12.93	16.81	16.81
Ditcher	1.5 ft	23	0.050	1.00	May	0.17	0.15	0.19	0.31	0.05	0.60				1.42
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Penncap M	pt											2.0000	3.55	7.10	7.10
Cultivator 6R	20 ft	143	0.100	1.00	Jun	1.79	0.85	0.29	0.48	0.11	1.20				4.61
Ditcher	1.5 ft	23	0.050	1.00	Jun	0.17	0.15	0.19	0.31	0.05	0.60				1.42
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Imidan	lb.											1.3000	6.55	8.52	8.52
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Penncap M	pt											2.0000	3.55	7.10	7.10
Cultivator 6R	20 ft	143	0.100	1.00	Jul	1.79	0.85	0.29	0.48	0.11	1.20				4.61
Sprayer, boom	20 ft	93	0.120	1.00	Jul	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Baythroid	oz											2.8000	2.28	6.38	6.38
Cultivator 6R	20 ft	143	0.100	1.00	Jul	1.79	0.85	0.29	0.48	0.11	1.20				4.61
Ditcher	1.5 ft	23	0.050	1.00	Jul	0.17	0.15	0.19	0.31	0.05	0.60				1.42
Sprayer, boom	20 ft	93	0.120	1.00	Jul	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Penncap M	pt											2.0000	3.55	7.10	7.10
Sprayer, boom	20 ft	93	0.120	1.00	Jul	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Brigade 2 EC	oz											3.2000	1.10	3.52	3.52
Sprayer, boom	20 ft	93	0.120	1.00	Aug	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Penncap M	pt											2.0000	3.55	7.10	7.10
Coulter	4 row	0	0.140	1.00	Sep			0.30	0.51						0.81
Shredder 2R	6.7 ft	43	0.390	1.00	Sep	2.20	1.53	0.46	1.39	0.42	4.68				10.26
Trailer utility	10 ft	23	1.000	1.00	Sep	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Other labor	hour											1.0000	9.60	9.60	9.60
Truck	2 ton									2.00	21.82				79.45
Other labor	hour											7.0000	9.60	67.20	67.20
Harvester, riding 2R	2 row	118	2.000	1.00	Sep	33.92	36.98	5.48	10.91	2.20	24.00				111.29
Harvest labor	hour											32.0000	9.60	307.20	307.20
Potato bins	each											3.0000	55.00	165.00	165.00
Fork lift			2.222	1.00	Sep	8.09	6.67			2.22	24.24				39.00
Truck	2 ton		1.000	1.00	Sep	14.25	14.57			1.00	10.91				39.73
Fork lift			2.222	3.00	Nov	24.28	20.00			6.66	72.73				117.01
Packing				1.00	Nov										
Packing boxes	each											240.0000	1.50	360.00	360.00
Other labor	hour											1.5000	9.60	14.40	14.40
Packing Line SP	each			1.00	Nov				4.55			0.0012			4.55
Packing	acre							7.75		30.00	288.00	1.0000			295.75
Irrigate	acre				May	0.21	0.17	25.06	25.31	0.24	2.42	1.0000		9.00	62.17
TOTALS						158.73	139.65	52.78	68.97	50.27	508.92			1601.49	2530.54
INTEREST ON OPERATING CAPITAL															36.19
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2566.73

Table 26.B Summary of estimated costs per acre, Potato, Sweet, fresh market, six-row field equipment, two-row riding harvester, average yield, Louisiana 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		150.00	1.0000	150.00	_____
HERBICIDES		48.54	1.0000	48.54	_____
HIRED LABOR		254.40	1.0000	254.40	_____
INSECTICIDES		139.72	1.0000	139.72	_____
PACK & HARVEST ITEMS		530.70	1.0000	530.70	_____
SEED		161.93	1.0000	161.93	_____
PLASTIC		9.00	1.0000	9.00	_____
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	2.20	37.1943	81.80	_____
ELECTRICITY	kWh	0.14	37.5000	5.25	_____
GASOLINE	gal	2.50	13.5860	33.97	_____
LP GAS	cu ft	2.64	9.7777	25.81	_____
REPAIR & MAINTENANCE		64.68	1.0000	64.68	_____
INTEREST ON OP. CAP.		36.19	1.0000	36.19	_____
				-----	
TOTAL DIRECT EXPENSES				2358.11	_____
TOTAL FIXED EXPENSES				208.62	_____
				-----	
TOTAL SPECIFIED EXPENSES				2566.73	_____

Table 26.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, 2009.

Yield (Boxes)	-----Price Per Box-----				
	13.25	14.75	16.25	17.75	19.25
	-----Net Returns Per Acre-----				
150.00	-581.21	-446.21	-311.21	-176.21	-41.21
200.00	-400.91	-220.91	-40.91	139.09	319.09
250.00	-220.61	4.39	229.39	454.39	679.39
300.00	-40.31	229.69	499.69	769.69	1039.69
350.00	139.99	454.99	769.99	1084.99	1399.99

Table 27.A Estimated resource use and costs for field operations per acre, Pumpkins, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	1.00	Jun	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	1.00	Jul	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk & herb appl 2R	6 ft	23	0.590	1.00	Jul	2.01	1.76	0.83	1.38	0.64	7.08				13.06
Command	pt											1.0000	12.93	12.93	12.93
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Jul	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											500.0000	0.30	150.00	150.00
Hipper 1R	3 ft	23	1.530	1.00	Jul	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Conditioner, row 1R	6 ft	23	0.410	1.00	Jul	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Planter 1R	3 ft	23	1.500	1.00	Jul	5.12	4.48	0.35	0.66	1.65	18.00				28.61
Pumpkin seed	lbs											2.5000	32.25	80.63	80.63
Ditcher	1.5 ft	23	0.050	0.50	Jul	0.08	0.07	0.09	0.16	0.02	0.30				0.70
Cultivator 1R	3 ft	23	1.530	1.00	Aug	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Aug	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Thiodan	lb											0.5000	6.50	3.25	3.25
Cultivate & fert 1R	3 ft	23	1.610	1.00	Aug	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.0000	16.00	16.00	16.00
Cultivator 1R	3 ft	23	1.530	1.00	Aug	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Ditcher	1.5 ft	23	0.050	1.00	Aug	0.17	0.15	0.19	0.31	0.05	0.60				1.42
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sevin	lbs											0.6000	6.13	3.68	3.68
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ridomil + Bravo	lb											3.0000	17.00	51.00	51.00
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Cultivator 1R	3 ft	23	1.530	1.00	Sep	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sevin	lbs											0.6000	6.13	3.68	3.68
Ridomil + Bravo	lb											3.0000	17.00	51.00	51.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sevin	lbs											0.6000	6.13	3.68	3.68
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Topsin M	lb											0.5000	20.00	10.00	10.00
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	6.82	5.98	0.53	2.34	2.20	24.00				39.67
Pickup truck	1/2 ton		1.000	10.00	Oct	90.63	74.03			10.00	109.10				273.76
Shredder 2R	6.7 ft	43	0.390	1.00	Oct	2.20	1.53	0.46	1.39	0.42	4.68				10.26
Disk 2R	6 ft	43	0.570	1.00	Oct	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Irrigate	acre				Jul	0.21	0.17	22.47	60.51	0.34	3.38	1.0000		90.00	176.74
TOTALS						154.43	127.83	38.05	87.43	29.35	319.90			851.20	1578.84
INTEREST ON OPERATING CAPITAL															24.11
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1602.95

Table 27.B Summary of estimated costs per acre, Pumpkins, irrigated, fresh market, one-row equipment, average yield, Louisiana 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		191.35	1.0000	191.35	_____
FUNGICIDES		163.00	1.0000	163.00	_____
HERBICIDES		23.93	1.0000	23.93	_____
INSECTICIDES		14.29	1.0000	14.29	_____
SEED		80.63	1.0000	80.63	_____
PLASTIC		90.00	1.0000	90.00	_____
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	2.20	4.6548	10.25	_____
ELECTRICITY	kWh	0.14	84.0000	11.76	_____
GASOLINE	gal	2.50	42.2155	105.56	_____
REPAIR & MAINTENANCE		64.91	1.0000	64.91	_____
INTEREST ON OP. CAP.		24.11	1.0000	24.11	_____
				-----	
TOTAL DIRECT EXPENSES				1387.69	_____
TOTAL FIXED EXPENSES				215.26	_____
				-----	
TOTAL SPECIFIED EXPENSES				1602.95	_____

Table 27.C Effects of yields and prices on net returns per acre above total direct expenses, Pumpkins, irrigated, fresh, one-row equipment, Louisiana, 2009.

Yield (Cwt)	-----Price Per Cwt-----				
	9.00	10.00	11.00	12.00	13.00
	-----Net Returns Per Acre-----				
110.00	-311.29	-201.29	-91.29	18.71	128.71
140.00	-84.49	55.51	195.51	335.51	475.51
170.00	142.31	312.31	482.31	652.31	822.31
200.00	369.11	569.11	769.11	969.11	1169.11
230.00	595.91	825.91	1055.91	1285.91	1515.91

Table 28.A Estimated resource use and costs for field operations per acre, Shallots, fresh market, one-row equipment, average yield, Louisiana, 2009.

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	9.62	6.71	2.11	3.49	1.88	20.52				42.45
Hipper-fert dist 1R 8-24-24	3 ft lb	23	1.550	1.00	Aug	5.28	4.63	1.82	3.01	1.70	18.60	400.0000	0.30	120.00	120.00
Hipper 1R	3 ft	23	1.530	2.00	Aug	10.43	9.15	1.35	2.23	3.36	36.72				59.88
Trailer utility	10 ft	23	1.000	1.00	Aug	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Planting labor	hour											20.0000	9.60	192.00	192.00
Shallots sets	lbs											300.0000	2.00	600.00	600.00
Cultivator 1R	3 ft	23	1.530	1.00	Sep	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Malathion	pt											0.6000	2.63	1.58	1.58
Buffer	pt											1.0000	2.00	2.00	2.00
Ridomil Gold + Bravo	lb											3.0000	11.74	35.22	35.22
Sprayer, boom	12 ft	23	0.190	1.00	Sep	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Prowl	pt											1.5000	3.31	4.97	4.97
Cultivator 1R	3 ft	23	1.530	1.00	Sep	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Cultivate & fert 1R	3 ft	23	1.610	1.00	Oct	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.0000	16.00	16.00	16.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Malathion	pt											0.6000	2.63	1.58	1.58
Buffer	pt											1.0000	2.00	2.00	2.00
Ridomil Gold + Bravo	lb											3.0000	11.74	35.22	35.22
Cultivator 1R	3 ft	23	1.530	1.00	Oct	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Cultivator 1R	3 ft	23	1.530	1.00	Nov	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.65	0.57	0.35	0.43	0.20	2.28				4.28
SpinTor	oz											4.0000	4.71	18.84	18.84
Buffer	pt											1.0000	2.00	2.00	2.00
Lifter blade	1 row	43	1.500	1.00	Jan	8.44	5.88	1.17	2.84	1.65	18.00				36.33
Harvest labor	hour				Jan							25.0000	9.60	240.00	240.00
Harvest container	each											4.0000	2.00	8.00	8.00
Packing labor	hour				Jan							140.0000	9.60	1344.00	1344.00
Rubber bands	lbs				Jan							2.0000	5.00	10.00	10.00
Packing crates	each				Jan							400.0000	1.10	440.00	440.00
Ice	cwt				Jan							40.0000	2.50	100.00	100.00
Pickup truck	1/2 ton		1.000	6.00	Jan	54.38	44.42			6.00	65.46				164.26
Middle buster 1R	3 ft	23	1.530	1.00	Jan	5.21	4.57	0.34	0.56	1.68	18.36				29.04
Disk 2R	6 ft	43	0.570	2.00	Jan	6.41	4.47	1.40	2.32	1.25	13.68				28.28
TOTALS						132.11	108.19	17.03	29.19	27.97	305.22			3173.41	3765.15
INTEREST ON OPERATING CAPITAL															70.20
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3835.35

Table 28.B Summary of estimated costs per acre, Shallots, fresh market, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		136.00	1.0000	136.00	_____
FUNGICIDES		70.44	1.0000	70.44	_____
HERBICIDES		4.97	1.0000	4.97	_____
HIRED LABOR		192.00	1.0000	192.00	_____
INSECTICIDES		28.00	1.0000	28.00	_____
PACK & HARVEST ITEMS		558.00	1.0000	558.00	_____
SEED		600.00	1.0000	600.00	_____
HARVEST LABOR		1584.00	1.0000	1584.00	_____
OPERATOR LABOR	hour	10.91	27.9780	305.22	_____
DIESEL FUEL	gal	2.20	9.6135	21.14	_____
GASOLINE	gal	2.50	32.6619	81.66	_____
REPAIR & MAINTENANCE		46.34	1.0000	46.34	_____
INTEREST ON OP. CAP.		70.20	1.0000	70.20	_____
				-----	
TOTAL DIRECT EXPENSES				3697.97	_____
TOTAL FIXED EXPENSES				137.38	_____
				-----	
TOTAL SPECIFIED EXPENSES				3835.35	_____

Table 28.C Effects of yields and prices on net returns per acre above total direct expenses, Shallots, fresh market, one-row equipment, average yield, Louisiana, 2009.

Yield (Dozen Bunches)	-----Price Per Dozen Bunches-----				
	1.20	1.60	2.00	2.40	2.80
	-----Net Returns Per Acre-----				
1000.00	-605.97	-205.97	194.03	594.03	994.03
1500.00	-951.97	-351.97	248.03	848.03	1448.03
2000.00	-1297.97	-497.97	302.03	1102.03	1902.03
2500.00	-1643.97	-643.97	356.03	1356.03	2356.03
3000.00	-1989.97	-789.97	410.03	1610.03	2810.03

Table 29.A Estimated resource use and costs for field operations per acre, Squash, Yellow Summer, hybrid, fresh market, one-row equipment, average yield, Louisiana, 2009.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC HOURS	LABOR COST	OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED			AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Conditioner, row 1R	6 ft	23	0.410	1.00	Feb	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Lime (spread)	ton											0.6670	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	2.00	Feb	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Disk 2R	6 ft	43	0.570	1.00	Mar	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	2.00	Mar	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											500.0000	0.30	150.00	150.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Planter 1R	3 ft	23	1.500	1.00	Mar	5.12	4.48	0.35	0.66	1.65	18.00				28.61
Yellow squash seed	lbs											4.0000	42.00	168.00	168.00
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	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.0000	16.00	16.00	16.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Thionex	pt											1.0000	4.60	4.60	4.60
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Quadris	oz											6.0000	2.16	12.96	12.96
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Quadris	oz											6.0000	2.16	12.96	12.96
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Bravo	pt											1.5000	6.35	9.52	9.52
Capture	oz											4.5000	2.59	11.66	11.66
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sevin	lbs											0.6000	6.13	3.68	3.68
Bravo	pt											1.5000	6.35	9.52	9.52
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Capture	oz											4.5000	2.59	11.66	11.66
Quadris	oz											6.0000	2.16	12.96	12.96
Trailer utility	10 ft	23	1.000	1.00	Jun	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Harvest labor	hour											110.0000	9.60	1056.00	1056.00
Harvest container	each											8.0000	2.00	16.00	16.00
Packing				1.00	Jun										
Packing labor	hour											12.0000	9.60	115.20	115.20
Packing boxes	each											375.0000	0.90	337.50	337.50
Pickup truck	1/2 ton		1.000	10.00	Jun	90.63	74.03			10.00	109.10				273.76
Shredder 1R	5 ft	23	0.740	1.00	Jun	2.52	2.21	0.36	1.08	0.81	8.88				15.05
Disk 2R	6 ft	43	0.570	1.00	Jun	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Pack line/wet/small	each			1.00	Jun										
Packing	acre									30.00	288.00				120.90
												1.0000			288.00
TOTALS						149.46	122.16	13.78	143.96	56.53	577.46			2128.57	3135.39
INTEREST ON OPERATING CAPITAL															35.99
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															3176.28

Table 29.B Summary of estimated costs per acre, Squash, Yellow Summer, hybrid, fresh market, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		191.35	1.0000	191.35	_____
FUNGICIDES		57.92	1.0000	57.92	_____
HERBICIDES		11.00	1.0000	11.00	_____
HIRED LABOR		144.00	1.0000	144.00	_____
INSECTICIDES		31.60	1.0000	31.60	_____
PACK & HARVEST ITEMS		353.50	1.0000	353.50	_____
SEED		168.00	1.0000	168.00	_____
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	2.20	7.5582	16.62	_____
ELECTRICITY	kWh	0.14	35.0000	4.90	_____
GASOLINE	gal	2.50	38.1193	95.33	_____
REPAIR & MAINTENANCE		51.29	1.0000	51.29	_____
INTEREST ON OP. CAP.		35.99	1.0000	35.99	_____
				-----	
TOTAL DIRECT EXPENSES				2910.16	_____
TOTAL FIXED EXPENSES				266.12	_____
				-----	
TOTAL SPECIFIED EXPENSES				3176.28	_____

Table 29.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, 2009.

Yield (Box)	-----Price Per Box-----				
	6.50	7.50	8.50	9.50	10.50
	-----Net Returns Per Acre-----				
275.00	-668.29	-393.29	-118.29	156.71	431.71
325.00	-570.48	-245.48	79.52	404.52	729.52
375.00	-472.66	-97.66	277.34	652.34	1027.34
425.00	-374.84	50.16	475.16	900.16	1325.16
475.00	-277.03	197.97	672.97	1147.97	1622.97

Table 30.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, 2009.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC HOURS	LABOR COST	OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED			AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton		1.00	Jun								0.6670	38.00	25.35	25.35
Disk 6R	20 ft	143	0.100	2.00	Jun	3.57	1.71	2.16	3.57	0.22	2.40				13.41
Hipper 4R	13.3 ft	68	0.160	1.00	Jun	1.42	0.97	0.32	0.52	0.17	1.92				5.15
Fertilizer dist(PTO)	20 ft	23	0.110	1.00	Jun	0.37	0.33	0.10	0.17	0.12	1.32				2.29
Southern pea seed	lbs											50.0000	1.75	87.50	87.50
Harrow, spike	18 ft	68	0.080	1.00	Jun	0.71	0.48	0.16	0.26	0.08	0.96				2.57
Shredder 2R	6.7 ft	43	0.390	1.00	Jul	2.20	1.53	0.46	1.39	0.42	4.68				10.26
Disk 4R	13.3 ft	68	0.150	2.00	Jul	2.66	1.82	1.83	3.03	0.33	3.60				12.94
Middle buster 4R	4R	93	0.300	1.00	Aug	3.74	2.99	0.86	1.42	0.33	3.60				12.61
Ditcher	1.5 ft	23	0.050	1.00	Aug	0.17	0.15	0.19	0.31	0.05	0.60				1.42
Fertilizer applicatr	20 ft	93	0.090	1.00	Sep	0.18	0.90	0.24	0.39	0.09	1.08				2.79
Nitrogen	lb											75.0000	0.14	10.50	10.50
Phosphorus	cwt											1.7500	41.00	71.75	71.75
Potash	lb											160.0000	0.13	20.80	20.80
Ditcher	1.5 ft	23	0.050	1.00	Sep	0.17	0.15	0.19	0.31	0.05	0.60				1.42
Row shaper	4R	68	0.300	1.00	Sep	2.66	1.82	0.79	1.31	0.33	3.60				10.18
Ditcher	1.5 ft	23	0.050	1.00	Sep	0.17	0.15	0.19	0.31	0.05	0.60				1.42
Plastic & fumigation	5 ft	23	1.500	1.00	Sep	5.12	4.48	2.39	5.79	4.65	50.73				68.51
Pickup truck	1/2 ton		1.000			9.06	7.40			1.00	10.91				27.37
Plastic 54"	roll											5.0000	85.00	425.00	425.00
Methyl bromide	lbs											175.0000	3.70	647.50	647.50
Other labor	hour											13.0000	9.60	124.80	124.80
T-tape, drip irrig.	roll											3.0000	111.00	333.00	333.00
Hole Puncher 1R	3 ft	23	0.750	1.00	Oct	2.56	2.24	0.63	1.23	0.82	9.00				15.66
Trailer small	8 ft	23	1.000	1.00	Oct	3.41	2.99	0.24	1.05	1.10	12.00				19.69
Pickup truck	1/2 ton		1.000			9.06	7.40			1.00	10.91				27.37
Strawberry bare root	1000											15.0000	80.00	1200.00	1200.00
Contract planting,	1 1000											15.0000	22.00	330.00	330.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Aliette	lb											3.0000	12.00	36.00	36.00
Quadris	oz											8.0000	2.16	17.28	17.28
Other labor	hour											3.0000	9.60	28.80	28.80
CaNO3, water sol.	lb		4.00	Oct								100.0000	0.60	60.00	60.00
Sprayer, boom	12 ft	23	0.190	1.00	Nov	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Princep	lb											0.7000	3.73	2.61	2.61
Gramoxone	pt											2.0000	4.86	9.72	9.72
Surfactant	pt											1.0000	1.68	1.68	1.68
CaNO3, water sol.	lb		4.00	Nov								100.0000	0.60	60.00	60.00
Trailer small	8 ft	23	1.000	1.00	Nov	3.41	2.99	0.24	1.05	1.10	12.00				19.69
Pickup truck	1/2 ton		1.000			9.06	7.40			1.00	10.91				27.37
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	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Kocide	lb											3.0000	5.00	15.00	15.00
CaNO3, water sol.	lb		2.00	Dec								50.0000	0.60	30.00	30.00
Sprayer, boom	12 ft	23	0.190	2.00	Dec	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Captan	lb											6.0000	4.83	28.98	28.98
Nova	oz											10.0000	4.14	41.40	41.40
CaNO3, water sol.	lb		2.00	Jan								50.0000	0.60	30.00	30.00
Other labor	hour		1.00	Jan								18.0000	9.60	172.80	172.80
Pickup truck	1/2 ton		1.000	1.00	Feb	9.06	7.40			1.00	10.91				27.37
Clean berry plants	hour											60.0000	9.60	576.00	576.00
Sprayer, boom	12 ft	23	0.190	1.00	Feb	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Gramoxone	pt											2.0000	4.86	9.72	9.72
Surfactant	pt											1.0000	1.68	1.68	1.68
Sprayer, boom	12 ft	23	0.190	8.00	Feb	5.18	4.54	2.79	3.41	1.67	18.24				34.16
Switch	oz											96.0000	4.57	438.72	438.72
CaNO3, water sol.	lb		2.00	Feb								50.0000	0.60	30.00	30.00
Other labor	hour		1.00	Feb								18.0000	9.60	172.80	172.80
Pickup truck	1/2 ton		1.000	1.00	Mar	9.06	7.40			1.00	10.91				27.37
Strip berry labor	hour											15.0000	9.60	144.00	144.00
CaNO3, water sol.	lb		4.00	Mar								100.0000	0.60	60.00	60.00
Sprayer, boom	12 ft	23	0.190	8.00	Mar	5.18	4.54	2.79	3.41	1.67	18.24				34.16
Pristine	oz											160.0000	2.40	384.00	384.00
Captan	lb											24.0000	4.83	115.92	115.92
Sprayer, boom	12 ft	23	0.190	2.00	Mar	1.29	1.14	0.70	0.85	0.41	4.56				8.54
AgriMek	pt											2.0000	75.00	150.00	150.00
Truck	1 ton		1.000	1.00	Mar	11.50	11.65			1.10	12.00				35.15
Harvest Strawberry	flat											1100.0000	2.00	2200.00	2200.00
Flats	each											1100.0000	1.25	1375.00	1375.00
Packing labor	hour											9.0000	9.60	86.40	86.40
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Quadris	oz											16.0000	2.16	34.56	34.56
Captan	lb											6.0000	4.83	28.98	28.98
CaNO3, water sol.	lb		4.00	Apr								100.0000	0.60	60.00	60.00
Truck	1 ton		1.000	1.00	Apr	11.50	11.65			1.10	12.00				35.15
Harvest labor	flat											1100.0000	2.00	2200.00	2200.00
Flats	each											1100.0000	1.25	1375.00	1375.00
Packing labor	hour											9.0000	9.60	86.40	86.40
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Gramoxone	pt											2.0000	4.86	9.72	9.72
Surfactant	pt											1.0000	1.68	1.68	1.68
Coulter	1 row	23	1.500	1.00	May	5.12	4.48	0.64	1.09	1.65	18.00				29.33
Trailer utility	10 ft	23	1.000	1.00	May	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Truck	1 ton		1.000			11.50	11.65			1.10	12.00				35.15
Other labor	hour											35.0000	9.60	336.00	336.00
Coulter	1 row	23	1.500	1.00	May	5.12	4.48	0.64	1.09	1.65	18.00				29.33
Irrigate	acre			Sep				66.15	59.41			1.0000			125.56
TOTALS						144.09	125.52	88.47	96.81	28.51	311.08			15784.25	16550.22
INTEREST ON OPERATING CAPITAL															470.58
TOTAL SPECIFIED COST															17022.45

Table 30.B Summary of estimated costs per acre, Strawberries, drip irrigated, fresh market, plastic mulch, row covers, four row equipment, high yield, Louisiana 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		458.40	1.0000	458.40	_____
FUNGICIDES		1140.84	1.0000	1140.84	_____
HERBICIDES		36.81	1.0000	36.81	_____
HIRED LABOR		2000.40	1.0000	2000.40	_____
INSECTICIDES		150.00	1.0000	150.00	_____
PACK & HARVEST ITEMS		2750.00	1.0000	2750.00	_____
SEED		87.50	1.0000	87.50	_____
STAKES & TWINE		333.00	1.0000	333.00	_____
PLASTIC		425.00	1.0000	425.00	_____
FUMIGANT		647.50	1.0000	647.50	_____
PLANTS		1200.00	1.0000	1200.00	_____
HARVEST LABOR		4572.80	1.0000	4572.80	_____
ROW COVERS		1982.00	1.0000	1982.00	_____
OPERATOR LABOR	hour	10.91	28.5150	311.08	_____
DIESEL FUEL	gal	2.20	6.7109	14.77	_____
ELECTRICITY	kWh	0.14	372.0000	52.05	_____
GASOLINE	gal	2.50	37.1279	92.83	_____
REPAIR & MAINTENANCE		74.56	1.0000	74.56	_____
INTEREST ON OP. CAP.		470.58	1.0000	470.58	_____
				-----	
TOTAL DIRECT EXPENSES				16800.12	_____
TOTAL FIXED EXPENSES				222.33	_____
				-----	
TOTAL SPECIFIED EXPENSES				17022.45	_____

Table 30.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, 2009.

Yield (Flats)	-----Price Per Flat-----				
	6.00	8.00	10.00	12.00	14.00
	-----Net Returns Per Acre-----				
1800.00	-4808.12	-1208.12	2391.88	5991.88	9591.88
2000.00	-4204.12	-204.12	3795.88	7795.88	11795.88
2200.00	-3600.12	799.88	5199.88	9599.88	13999.88
2400.00	-2996.12	1803.88	6603.88	11403.88	16203.88
2600.00	-2392.12	2807.88	8007.88	13207.88	18407.88

Table 31.A Estimated resource use and costs for field operations per acre, Strawberry, plug plants, irrigated, fresh market, hoop row covers, plastic mulch, 4-row equipment, high yield, Louisiana, 2009.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC HOURS	LABOR COST	OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED			AMOUNT	PRICE	COST	
						-----dollars-----						-----dollars-----			
Disk 4R	13.3 ft	68	0.150	2.00	Jun	2.66	1.82	1.83	3.03	0.33	3.60				12.94
Lime (spread)	ton											4.0000	38.00	152.00	152.00
Fertilizer dist(PTO)	20 ft	23	0.110	1.00	Jun	0.37	0.33	0.10	0.17	0.12	1.32				2.29
Southern pea seed	lbs											50.0000	1.75	87.50	87.50
Harrow, spike	18 ft	68	0.080	1.00	Jun	0.71	0.48	0.16	0.26	0.08	0.96				2.57
Hipper 4R	13.3 ft	68	0.160	2.00	Jun	2.84	1.94	0.63	1.05	0.35	3.84				10.30
Disk 4R	13.3 ft	68	0.150	2.00	Jul	2.66	1.82	1.83	3.03	0.33	3.60				12.94
Shredder 2R	6.7 ft	43	0.390	1.00	Aug	2.20	1.53	0.46	1.39	0.42	4.68				10.26
Fertilizer applicatr	20 ft	93	0.090	1.00	Aug	0.18	0.90	0.24	0.39	0.09	1.08				2.79
8-24-24	lb											700.0000	0.30	210.00	210.00
Hipper 4R	13.3 ft	68	0.160	2.00	Aug	2.84	1.94	0.63	1.05	0.35	3.84				10.30
Row shaper	4R	68	0.300	2.00	Aug	5.33	3.63	1.58	2.62	0.66	7.20				20.36
Plastic & fumigation	5 ft	23	1.500	1.00	Sep	5.12	4.48	2.39	5.79	4.65	50.73				68.51
Pickup truck	1/2 ton		1.000			9.06	7.40			1.00	10.91				27.37
Plastic 54"	roll											5.0000	85.00	425.00	425.00
Methyl bromide	lbs											200.0000	3.70	740.00	740.00
Laying Plastic	acre											5.0000	15.00	75.00	75.00
T-tape, drip irrig.	roll											1.5000	111.00	166.50	166.50
Other labor	hour											15.0000	9.60	144.00	144.00
Hole puncher 4R	4 row	68	0.330	1.00	Sep			0.79	1.92						2.71
Pickup truck	1/2 ton		1.000			9.06	7.40			1.00	10.91				27.37
Strawberry Plug	1000											18.8000	275.00	5170.00	5170.00
Contract planting,	1 1000											18.8000	22.00	413.60	413.60
Sprayer, boom	12 ft	23	0.190	2.00	Oct	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Nova	oz											10.0000	4.14	41.40	41.40
Sprayer, boom	12 ft	23	0.190	2.00	Oct	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Kocide	lb											3.0000	5.00	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Oct	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Princep	lb											0.7000	3.73	2.61	2.61
Gramoxone	pt											1.5000	4.86	7.29	7.29
Surfactant	pt											1.0000	1.68	1.68	1.68
Pickup truck	1/2 ton		1.000	1.00	Nov	9.06	7.40			1.00	10.91				27.37
CaNO3, water sol.	lb											100.0000	0.60	60.00	60.00
Other labor	hour											1.0000	9.60	9.60	9.60
Sprayer, boom	12 ft	23	0.190	12.00	Nov	7.77	6.82	4.18	5.11	2.50	27.36				51.24
Switch	oz											144.0000	4.57	658.08	658.08
Trailer small	8 ft	23	1.000	1.00	Nov	3.41	2.99	0.24	1.05	1.10	12.00				19.69
Pickup truck	1/2 ton		1.000			9.06	7.40			1.00	10.91				27.37
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	3.41	2.99	0.24	1.05	1.10	12.00				19.69
Pickup truck	1/2 ton		1.000			9.06	7.40			1.00	10.91				27.37
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	7.77	6.82	4.18	5.11	2.50	27.36				51.24
Captan	lb											36.0000	4.83	173.88	173.88
Pristine	oz											240.0000	2.40	576.00	576.00
Pickup truck	1/2 ton		1.000	1.00	Dec	9.06	7.40			1.00	10.91				27.37
Other labor	hour											1.0000	9.60	9.60	9.60
CaNO3, water sol.	lb			4.00	Dec							100.0000	0.60	60.00	60.00
Sprayer, boom	12 ft	23	0.190	2.00	Dec	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Kocide	lb											3.0000	5.00	15.00	15.00
Sprayer, boom	12 ft	23	0.190	1.00	Dec	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Captan	lb											3.0000	4.83	14.49	14.49
Nova	oz											5.0000	4.14	20.70	20.70
CaNO3, water sol.	lb			4.00	Jan							60.0000	0.60	36.00	36.00
Sprayer, boom	12 ft	23	0.190	12.00	Jan	7.77	6.82	4.18	5.11	2.50	27.36				51.24
Switch	oz											144.0000	4.57	658.08	658.08
CaNO3, water sol.	lb			4.00	Feb							60.0000	0.60	36.00	36.00
Pickup truck	1/2 ton		1.000	1.00	Feb	9.06	7.40			1.00	10.91				27.37
Clean berry plants	hour											60.0000	9.60	576.00	576.00
Sprayer, boom	12 ft	23	0.190	1.00	Feb	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Gramoxone	pt											2.0000	4.86	9.72	9.72
Surfactant	pt											1.0000	1.68	1.68	1.68
Sprayer, boom	12 ft	23	0.190	8.00	Feb	5.18	4.54	2.79	3.41	1.67	18.24				34.16
Switch	oz											96.0000	4.57	438.72	438.72
Other labor	hour			1.00	Feb							18.0000	9.60	172.80	172.80
CaNO3, water sol.	lb			4.00	Mar							100.0000	0.60	60.00	60.00
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	5.18	4.54	2.79	3.41	1.67	18.24				34.16
Pristine	oz											160.0000	2.40	384.00	384.00
Captan	lb											24.0000	4.83	115.92	115.92
Sprayer, boom	12 ft	23	0.190	2.00	Mar	1.29	1.14	0.70	0.85	0.41	4.56				8.54
AgriMek	pt											2.0000	75.00	150.00	150.00
Truck	1 ton		1.000	1.00	Mar	11.50	11.65			1.10	12.00				35.15
Harvest Strawberry	flat											1500.0000	2.00	3000.00	3000.00
Flats	each											1500.0000	1.25	1875.00	1875.00
Packing labor	hour											9.0000	9.60	86.40	86.40
CaNO3, water sol.	lb			4.00	Apr							100.0000	0.60	60.00	60.00
Sprayer, boom	12 ft	23	0.190	4.00	Apr	2.59	2.27	1.39	1.70	0.83	9.12				17.07
Quadris	oz											32.0000	2.16	69.12	69.12
Captan	lb											12.0000	4.83	57.96	57.96
Sprayer, boom	12 ft	23	0.190	4.00	Apr	2.59	2.27	1.39	1.70	0.83	9.12				17.07
Quadris	oz											32.0000	2.16	69.12	69.12
Truck	1 ton		1.000	1.00	Apr	11.50	11.65			1.10	12.00				35.15
Harvest Strawberry	flat											1500.0000	2.00	3000.00	3000.00
Flats	each											1500.0000	1.25	1875.00	1875.00
Packing labor	hour											9.0000	9.60	86.40	86.40
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Gramoxone	pt														

Table 31.B Summary of estimated costs per acre, Strawberry, plug plants irrigated, fresh market, hoop row covers, plastic mulch, four-row equipment, high yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		674.00	1.0000	674.00	_____
FUNGICIDES		3307.47	1.0000	3307.47	_____
HERBICIDES		35.22	1.0000	35.22	_____
HIRED LABOR		2400.80	1.0000	2400.80	_____
INSECTICIDES		150.00	1.0000	150.00	_____
PACK & HARVEST ITEMS		3750.00	1.0000	3750.00	_____
SEED		87.50	1.0000	87.50	_____
STAKES & TWINE		261.50	1.0000	261.50	_____
PLASTIC		425.00	1.0000	425.00	_____
FUMIGANT		740.00	1.0000	740.00	_____
PLANTS		5170.00	1.0000	5170.00	_____
CUSTOM		75.00	1.0000	75.00	_____
HARVEST LABOR		6172.80	1.0000	6172.80	_____
ROW COVERS		3082.00	1.0000	3082.00	_____
OPERATOR LABOR	hour	10.91	37.7090	411.38	_____
DIESEL FUEL	gal	2.20	7.5819	16.68	_____
ELECTRICITY	kWh	0.14	372.0000	52.05	_____
GASOLINE	gal	2.50	48.8627	122.17	_____
REPAIR & MAINTENANCE		98.82	1.0000	98.82	_____
INTEREST ON OP. CAP.		1111.15	1.0000	1111.15	_____
				-----	
TOTAL DIRECT EXPENSES				28143.54	_____
TOTAL FIXED EXPENSES				275.13	_____
				-----	
TOTAL SPECIFIED EXPENSES				28418.67	_____

Table 31C. 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, 2009.

Yield (Flats)	-----Price Per Flat-----				
	8.00	10.00	12.00	14.00	16.00
	-----Net Returns Per Acre-----				
2500.00	-6248.54	-1248.54	3751.46	8751.46	13751.46
2750.00	-5196.04	303.96	5803.96	11303.96	16803.96
3000.00	-4143.54	1856.46	7856.46	13856.46	19856.46
3250.00	-3091.04	3408.96	9908.96	16408.96	22908.96
3500.00	-2038.54	4961.46	11961.46	18961.46	25961.46

Table 32.A Estimated resource use and costs for field operations per acre, Tomatoes, fresh market, bare soil, trellis, one-row equipment, 60" skip rows, 2500 plants/acre, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	1.00	Jan	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Disk 2R	6 ft	43	0.570	2.00	Feb	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Hipper 1R	3 ft	23	1.530	1.00	Feb	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.28	4.63	1.82	3.01	1.70	18.60				33.34
13-13-13	lb											700.0000	0.29	203.00	203.00
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sencor	pt											1.0000	10.13	10.13	10.13
Treflan	pt											1.0000	3.18	3.18	3.18
Conditioner, row 1R	6 ft	23	0.410	1.00	Mar	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	2.56	2.24	0.63	1.23	0.82	9.00				15.66
Trailer utility	10 ft	23	1.000	1.00	Mar	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	5.63	3.92	0.63	3.16	1.10	12.00				25.34
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sencor	pt											1.0000	10.13	10.13	10.13
Trailer utility	10 ft	23	1.000	1.00	Mar	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Bravo	pt											2.0000	6.35	12.70	12.70
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Manzate	lb											4.0000	2.85	11.40	11.40
Kocide	lb											4.0000	5.00	20.00	20.00
Lannate	pt											6.0000	7.67	46.02	46.02
Buffer	pt											2.0000	2.00	4.00	4.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	Apr	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.5000	16.00	24.00	24.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Bravo	pt											4.0000	6.35	25.40	25.40
Buffer	pt											2.0000	2.00	4.00	4.00
Ambush	pt											1.0000	14.13	14.13	14.13
Trailer utility	10 ft	23	1.000	1.00	May	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Manzate	lb											2.0000	2.85	5.70	5.70
Kocide	lb											2.0000	5.00	10.00	10.00
Lannate	pt											3.0000	7.67	23.01	23.01
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivate & fert 1R	3 ft	23	1.610	1.00	May	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.5000	16.00	24.00	24.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Quadris	oz											8.0000	2.16	17.28	17.28
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Bravo	pt											2.0000	6.35	12.70	12.70
Sevin	lbs											1.2500	6.13	7.66	7.66
Buffer	pt											1.2500	2.00	2.50	2.50
Sprayer, boom	12 ft	23	0.190	2.00	May	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Ridomil + Bravo	lb											6.0000	17.00	102.00	102.00
Sevin	lbs											2.5000	6.13	15.33	15.33
Buffer	pt											2.5000	2.00	5.00	5.00
Cultivator 1R	3 ft	23	1.530	1.00	May	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	2.00	Jun	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Quadris	oz											16.0000	2.16	34.56	34.56
Trailer utility	10 ft	23	1.000	2.00	Jun	6.82	5.98	0.53	2.34	2.20	24.00				39.67
Harvest labor	hour											80.0000	9.60	768.00	768.00
Harvest container	each											8.0000	2.00	16.00	16.00
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	1.11	777.00	777.00
Pickup truck	1/2 ton		1.000	1.00	Jun	9.06	7.40			1.00	10.91				27.37
Trailer utility	10 ft	23	1.000	1.00	Jul	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Other labor	hour											8.0000	9.60	76.80	76.80
Shredder 1R	5 ft	23	0.740	1.00	Jul	2.52	2.21	0.36	1.08	0.81	8.88				15.05
Disk 2R	6 ft	43	0.570	2.00	Jul	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Pack line/wet/small	each			1.00	Jun							0.1000			120.90
Packing	acre														288.00
						-----		-----		-----		-----			
TOTALS						100.22	83.47	19.82	160.17	57.66	589.79			3960.48	4913.95
INTEREST ON OPERATING CAPITAL															106.11
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															5024.96

Table 32.B Summary of estimated costs per acre, Tomatoes, fresh market, bare soil, trellis, one-row equipment, 60" skip rows, 2500 plants/acre, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		276.35	1.0000	276.35	_____
FUNGICIDES		251.74	1.0000	251.74	_____
HERBICIDES		23.44	1.0000	23.44	_____
HIRED LABOR		820.80	1.0000	820.80	_____
INSECTICIDES		125.65	1.0000	125.65	_____
PACK & HARVEST ITEMS		793.00	1.0000	793.00	_____
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	2.20	8.5085	18.71	_____
ELECTRICITY	kWh	0.14	35.0000	4.90	_____
GASOLINE	gal	2.50	25.5407	63.89	_____
REPAIR & MAINTENANCE		37.44	1.0000	37.44	_____
INTEREST ON OP. CAP.		106.11	1.0000	106.11	_____
				-----	
TOTAL DIRECT EXPENSES				4781.32	_____
TOTAL FIXED EXPENSES				243.64	_____
				-----	
TOTAL SPECIFIED EXPENSES				5024.96	_____

Table 32.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, Louisiana, 2009.

Yield (Boxes)	-----Price Per 20 lb Box-----				
	13.00	14.00	15.00	16.00	17.00
	-----Net Returns Per Acre-----				
400.00	957.48	1357.48	1757.48	2157.48	2557.48
550.00	2638.08	3188.08	3738.08	4288.08	4838.08
700.00	4318.68	5018.68	5718.68	6418.68	7118.68
850.00	5999.28	6849.28	7699.28	8549.28	9399.28
1000.00	7679.88	8679.88	9679.88	10679.88	11679.88

Table 33.A Estimated resource use and costs for field operations per acre, Tomatoes, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	2.00	Feb	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Hipper 1R	3 ft	23	1.530	1.00	Feb	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Hipper-fert dist	3 ft	23	1.550	1.00	Mar	5.28	4.63	1.82	3.01	1.70	18.60				33.34
8-24-24	lb											600.0000	0.30	180.00	180.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Conditioner, row	6 ft	23	0.410	1.00	Mar	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Plastic layer	5 ft	23	1.500	1.00	Mar	5.12	4.48	2.16	5.24	4.65	50.73				67.73
Plastic	roll											5.0000	76.80	384.00	384.00
Hole Puncher 1R	3 ft	23	0.750	1.00	Mar	2.56	2.24	0.63	1.23	0.82	9.00				15.66
Trailer utility	10 ft	23	1.000	1.00	Mar	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Trailer small	8 ft	23	1.000	1.00	Apr	3.41	2.99	0.24	1.05	1.10	12.00				19.69
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	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Lannate	pt											1.0000	7.67	7.67	7.67
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Gramoxone	pt											1.5000	4.86	7.29	7.29
Surfactant	pt											0.3000	1.68	0.50	0.50
Cultivate & fert	3 ft	23	1.610	1.00	Apr	5.49	4.81	1.77	2.93	1.77	19.32				34.32
CaNO3, regular	lb											300.0000	0.35	105.00	105.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Bravo	pt											1.0000	6.35	6.35	6.35
Pounce	pt											0.5000	17.10	8.55	8.55
Buffer	pt											1.0000	2.00	2.00	2.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Bravo	pt											1.0000	6.35	6.35	6.35
Ambush	pt											0.5000	14.13	7.07	7.07
Buffer	pt											1.0000	2.00	2.00	2.00
Cultivator 1R	3 ft	23	1.530	1.00	May	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Quadris	oz											8.0000	2.16	17.28	17.28
Cultivate & fert	3 ft	23	1.610	1.00	May	5.49	4.81	1.77	2.93	1.77	19.32				34.32
CaNO3, regular	lb											300.0000	0.35	105.00	105.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Bravo	pt											1.0000	6.35	6.35	6.35
Ambush	pt											0.5000	14.13	7.07	7.07
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	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Pounce	pt											1.0000	17.10	17.10	17.10
Bravo	pt											4.0000	6.35	25.40	25.40
Buffer	pt											4.0000	2.00	8.00	8.00
Cultivate & fert	3 ft	23	1.610	1.00	Jun	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											1.0000	16.00	16.00	16.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Quadris	oz											8.0000	2.16	17.28	17.28
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Pounce	pt											0.5000	17.10	8.55	8.55
Buffer	pt											1.0000	2.00	2.00	2.00
Pickup truck	1/2 ton		1.000	9.30	Jun	84.29	68.85			9.30	101.46				254.60
Trailer small	8 ft	23	1.000	1.00	Jun	3.41	2.99	0.24	1.05	1.10	12.00				19.69
Harvest labor	hour											200.0000	9.60	1920.00	1920.00
Harvest container	each											8.0000	2.00	16.00	16.00
Packing				1.00	Jun										
Packing labor	hour											120.0000	9.60	1152.00	1152.00
Lug boxes	each											900.0000	1.11	999.00	999.00
Other labor	hour			1.00	Jun							3.0000	9.60	28.80	28.80
Shredder 1R	5 ft	23	0.740	1.00	Jun	2.52	2.21	0.36	1.08	0.81	8.88				15.05
Coulter	1 row	23	1.500	1.00	Jun	5.12	4.48	0.64	1.09	1.65	18.00				29.33
Other labor	hour											15.0000	9.60	144.00	144.00
Pickup truck	1/2 ton		1.000	1.00	Jun	9.06	7.40			1.00	10.91				27.37
Middle buster 1R	3 ft	23	1.530	1.00	Jun	5.21	4.57	0.34	0.56	1.68	18.36				29.04
Disk 2R	6 ft	43	0.570	1.00	Jun	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Pack line/wet/small	each			1.00	Jun						120.90				120.90
Packing	acre											30.00	288.00		288.00
Irrigate	acre				Mar	0.21	0.17	22.47	60.51	0.34	3.38	1.0000		90.00	176.74
TOTALS						184.42	154.35	44.39	220.58	71.73	742.96			6921.36	8268.06
INTEREST ON OPERATING CAPITAL															110.54
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															8383.50

Table 33.B Summary of estimated costs per acre, Tomatoes, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		431.35	1.0000	431.35	_____
FUNGICIDES		79.01	1.0000	79.01	_____
HERBICIDES		7.79	1.0000	7.79	_____
HIRED LABOR		1123.20	1.0000	1123.20	_____
INSECTICIDES		74.01	1.0000	74.01	_____
PACK & HARVEST ITEMS		1015.00	1.0000	1015.00	_____
STAKES & TWINE		220.00	1.0000	220.00	_____
PLASTIC		474.00	1.0000	474.00	_____
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	0.2750	2.64	_____
OPERATOR LABOR	hour	10.91	41.4621	452.32	_____
DIESEL FUEL	gal	2.20	3.7929	8.35	_____
ELECTRICITY	kWh	0.14	119.0000	16.66	_____
GASOLINE	gal	2.50	52.7344	131.88	_____
REPAIR & MAINTENANCE		76.82	1.0000	76.82	_____
INTEREST ON OP. CAP.		110.54	1.0000	110.54	_____
				-----	
TOTAL DIRECT EXPENSES				8008.57	_____
TOTAL FIXED EXPENSES				374.93	_____
				-----	
TOTAL SPECIFIED EXPENSES				8383.50	_____

Table 33.C Effects of yields and prices on net returns per acre above total direct expenses, Tomatoes, irrigated, fresh market, one-row equipment, average yield, Louisiana, 2009.

Yield (Boxes)	-----Price Per 20 lb Box-----				
	13.00	14.00	15.00	16.00	17.00
	-----Net Returns Per Acre-----				
500.00	317.83	817.83	1317.83	1817.83	2317.83
700.00	2004.63	2704.63	3404.63	4104.63	4804.63
900.00	3691.43	4591.43	5491.43	6391.43	7291.43
1100.00	5378.23	6478.23	7578.23	8678.23	9778.23
1300.00	7065.03	8365.03	9665.03	10965.03	12265.03

Table 34.A Estimated resource use and costs for field operation per acre, Tomato, drip irrigated, fresh market, one-row equipment, trellis, plastic mulch, 60" skip rows, high yield, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	2.00	Jan	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Hipper 1R	3 ft	23	1.530	1.00	Feb	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Feb	5.28	4.63	1.82	3.01	1.70	18.60				33.34
13-13-13	lb											700.0000	0.29	203.00	203.00
Conditioner, row 1R	6 ft	23	0.410	1.00	Feb	1.40	1.23	0.27	0.45	0.45	4.92				8.27
Plastic layer	5 ft	23	1.500	1.00	Feb	5.12	4.48	2.16	5.24	4.65	50.73				67.73
Plastic	roll											3.0000	76.80	230.40	230.40
T-tape, drip irrig.	roll											2.0000	111.00	222.00	222.00
Hose, lay flat	roll											1.0000	90.00	90.00	90.00
Other labor	hour											10.0000	9.60	96.00	96.00
Transplanter mod 900	1 row	23	3.000	1.00	Mar	10.23	8.97	3.17	9.61	9.30	101.46				133.44
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	5.63	3.92	0.63	3.16	1.10	12.00				25.34
Trailer utility	10 ft	23	1.000	1.00	Mar	3.41	2.99	0.27	1.17	1.10	12.00				19.84
CaNO3, water sol.	lb			1.00	Mar							50.0000	0.60	30.00	30.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sencor	pt											1.0000	10.13	10.13	10.13
Trailer utility	10 ft	23	1.000	1.00	Apr	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Manzate	lb											4.0000	2.85	11.40	11.40
Kocide	lb											4.0000	5.00	20.00	20.00
Buffer	pt											2.0000	2.00	4.00	4.00
CaNO3, water sol.	lb			1.00	Apr							50.0000	0.60	30.00	30.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Bravo	pt											8.0000	6.35	50.80	50.80
Lannate	pt											6.0000	7.67	46.02	46.02
Buffer	pt											2.0000	2.00	4.00	4.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Ambush	pt											0.5000	14.13	7.07	7.07
Bravo	pt											2.0000	6.35	12.70	12.70
Buffer	pt											1.0000	2.00	2.00	2.00
CaNO3, water sol.	lb			1.00	Apr							50.0000	0.60	30.00	30.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Gramoxone	pt											2.5000	4.86	12.15	12.15
Surfactant	pt											0.5000	1.68	0.84	0.84
Sprayer, boom	12 ft	23	0.190	2.00	Apr	1.29	1.14	0.70	0.85	0.41	4.56				8.54
Quadris	oz											16.0000	2.16	34.56	34.56
Trailer utility	10 ft	23	1.000	1.00	Apr	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.60	30.00	30.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Bravo	pt											4.0000	6.35	25.40	25.40
Pounce	pt											0.5000	17.10	8.55	8.55
Buffer	pt											1.0000	2.00	2.00	2.00
Trailer utility	10 ft	23	1.000	1.00	May	3.41	2.99	0.27	1.17	1.10	12.00				19.84
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	0.60	30.00	30.00
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Quadris	oz											8.0000	2.16	17.28	17.28
Sprayer, boom	12 ft	23	0.190	3.00	May	1.94	1.70	1.05	1.28	0.62	6.84				12.81
Bravo	pt											6.0000	6.35	38.10	38.10
Sevin	lbs											3.7500	6.13	22.99	22.99
Buffer	pt											3.7500	2.00	7.50	7.50
CaNO3, water sol.	lb			1.00	May							50.0000	0.60	30.00	30.00
CaNO3, water sol.	lb			1.00	Jun							50.0000	0.60	30.00	30.00
Trailer utility	10 ft	23	1.000	1.00	Jun	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Harvest labor	hour											187.0000	9.60	1795.20	1795.20
Harvest container	each											8.0000	2.00	16.00	16.00
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	1.11	1776.00	1776.00
Trailer utility	10 ft	23	1.000	1.00	Jul	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Other labor	hour											8.0000	9.60	76.80	76.80
Shredder 1R	5 ft	23	0.740	1.00	Jul	2.52	2.21	0.36	1.08	0.81	8.88				15.05
Coulter	1 row	23	1.500	1.00	Jul	5.12	4.48	0.64	1.09	1.65	18.00				29.33
Other labor	hour											15.0000	9.60	144.00	144.00
Pickup truck	1/2 ton														27.37
Disk 2R	6 ft	43	0.570	2.00	Jul	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Pack line/wet/small	each			1.00	Jun										1209.04
Packing	acre											1.0000			288.00
Irrigate	acre				Mar							1.0000			94.69
								35.28	59.41						
TOTALS						95.32	79.73	54.59	1312.01	65.48	675.14			7595.24	9812.03
INTEREST ON OPERATING CAPITAL															178.47
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															9996.28

Table 34.B Summary of estimated costs per acre, Tomato, drip irrigated, fresh market, one-row equipment, trellis, plastic mulch, 60" skip rows, high yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		438.35	1.0000	438.35	_____
FUNGICIDES		210.24	1.0000	210.24	_____
HERBICIDES		23.12	1.0000	23.12	_____
HIRED LABOR		844.80	1.0000	844.80	_____
INSECTICIDES		104.13	1.0000	104.13	_____
PACK & HARVEST ITEMS		1792.00	1.0000	1792.00	_____
STAKES & TWINE		527.00	1.0000	527.00	_____
PLASTIC		320.40	1.0000	320.40	_____
PLANTS		340.00	1.0000	340.00	_____
HARVEST LABOR		2995.20	1.0000	2995.20	_____
HAND LABOR	hour	9.60	30.0000	288.00	_____
OPERATOR LABOR	hour	10.91	35.4870	387.14	_____
DIESEL FUEL	gal	2.20	7.2488	15.94	_____
ELECTRICITY	kWh	0.14	233.4000	32.66	_____
GASOLINE	gal	2.50	24.9757	62.49	_____
REPAIR & MAINTENANCE		44.60	1.0000	44.60	_____
INTEREST ON OP. CAP.		178.47	1.0000	178.47	_____
				-----	
TOTAL DIRECT EXPENSES				8604.54	_____
TOTAL FIXED EXPENSES				1391.74	_____
				-----	
TOTAL SPECIFIED EXPENSES				9996.28	_____

Table 34.C Effects of yields and prices on net returns per acre above total direct expenses, Tomatoes, drip irrigated, fresh market, one-row equipment, trellis, 60" skip row, high yield, Louisiana, 2009.

Yield (Box)	-----Price Per 20 lb Box-----				
	6.00	7.50	9.00	10.50	12.00
	-----Net Returns Per Acre-----				
1100.00	-681.54	968.46	2618.46	4268.46	5918.46
1350.00	156.96	2181.96	4206.96	6231.96	8256.96
1600.00	995.46	3395.46	5795.46	8195.46	10595.46
1850.00	1833.96	4608.96	7383.96	10158.96	12933.96
2100.00	2672.46	5822.46	8972.46	12122.46	15272.46

Table 35.A Estimated resource use and costs for field operations per acre, Watermelons, fresh market, one-row equipment, average yield, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 2R	6 ft	43	0.570	2.00	Feb	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Middle buster 1R	3 ft	23	1.530	1.00	Feb	5.21	4.57	0.34	0.56	1.68	18.36				29.04
Hipper-fert dist 1R	3 ft	23	1.550	1.00	Mar	5.28	4.63	1.82	3.01	1.70	18.60				33.34
10-20-20	lb											500.0000	0.30	150.00	150.00
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Planter 1R	3 ft	23	1.500	1.00	Mar	5.12	4.48	0.35	0.66	1.65	18.00				28.61
Watermelon seed	1000											1.0000	44.00	44.00	44.00
Other labor	hour											2.0000	9.60	19.20	19.20
Sprayer, boom	12 ft	23	0.190	1.00	Mar	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Curbit	pt											3.0000	4.65	13.95	13.95
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	1.35	2.23	1.68	18.36				31.72
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	5.49	4.81	1.77	2.93	1.77	19.32				34.32
Amm. Nitrate 33%	cwt											0.7500	16.00	12.00	12.00
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Thiodan	lb											0.5000	6.50	3.25	3.25
Quadris	oz											8.0000	2.16	17.28	17.28
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Thiodan	lb											0.5000	6.50	3.25	3.25
Quadris	oz											8.0000	2.16	17.28	17.28
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Poast	pt											1.0000	8.90	8.90	8.90
Crop oil	pt											2.0000	1.05	2.10	2.10
Cultivator 1R	3 ft	23	1.530	1.00	May	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Sevin	lbs											0.6000	6.13	3.68	3.68
Ridomil + Bravo	lb											3.0000	17.00	51.00	51.00
Sprayer, boom	12 ft	23	0.190	1.00	Jun	0.65	0.57	0.35	0.43	0.20	2.28				4.28
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	17.04	14.95	1.33	5.84	5.50	60.01				99.17
Harvest labor	hour			1.00	Jul							40.0000	9.60	384.00	384.00
Pickup truck	1/2 ton		1.000	5.00	Jul	45.31	37.01			5.00	54.55				136.87
Shredder 1R	5 ft	23	0.740	1.00	Jul	2.52	2.21	0.36	1.08	0.81	8.88				15.05
Disk 2R	6 ft	43	0.570	1.00	Jul	3.21	2.24	0.70	1.16	0.62	6.84				14.15
TOTALS						120.33	101.07	14.89	27.94	27.99	305.36			1041.44	1611.03
INTEREST ON OPERATING CAPITAL															30.28
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1641.31

Table 35.B Summary of estimated costs per acre, Watermelons, fresh market, one row equipment, average yield, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		187.35	1.0000	187.35	_____
FUNGICIDES		136.56	1.0000	136.56	_____
HERBICIDES		24.95	1.0000	24.95	_____
HIRED LABOR		254.40	1.0000	254.40	_____
INSECTICIDES		10.18	1.0000	10.18	_____
SEED		44.00	1.0000	44.00	_____
HARVEST LABOR		384.00	1.0000	384.00	_____
OPERATOR LABOR	hour	10.91	27.9900	305.36	_____
DIESEL FUEL	gal	2.20	3.7791	8.31	_____
GASOLINE	gal	2.50	34.1847	85.47	_____
REPAIR & MAINTENANCE		41.44	1.0000	41.44	_____
INTEREST ON OP. CAP.		30.28	1.0000	30.28	_____
				-----	
TOTAL DIRECT EXPENSES				1512.30	_____
TOTAL FIXED EXPENSES				129.01	_____
				-----	
TOTAL SPECIFIED EXPENSES				1641.31	_____

Table 35.C Effects of yields and prices on net returns per acre above total direct expenses, Watermelons, fresh market, one-row equipment, average yield, Louisiana, 2009.

Yield (CWT)	-----Price Per CWT-----				
	13.00	14.00	15.00	16.00	17.00
	-----Net Returns Per Acre-----				
120.00	201.30	321.30	441.30	561.30	681.30
160.00	644.50	804.50	964.50	1124.50	1284.50
200.00	1087.70	1287.70	1487.70	1687.70	1887.70
240.00	1530.90	1770.90	2010.90	2250.90	2490.90
280.00	1974.10	2254.10	2534.10	2814.10	3094.10

Table 36.A Estimated resource use and costs for field operations per acre, Watermelons (early), hybrid varieties, plug transplant, irrigated, plastic mulch, one-row equipment, Louisiana, 2009.

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	38.00	25.35	25.35
Disk 4R	13.3 ft	68	0.150	2.00	Oct	2.66	1.82	1.83	3.03	0.33	3.60				12.94
Disk 4R	13.3 ft	68	0.150	1.00	Mar	1.34	0.91	0.92	1.52	0.16	1.80				6.49
Hipper-fert dist 1R 8-24-24	3 ft lb	23	1.550	1.00	Mar	5.28	4.63	1.82	3.01	1.70	18.60				33.34
Plastic layer	5 ft	23	1.500	1.00	Mar	5.12	4.48	2.16	5.24	4.65	50.73	400.0000	0.30	120.00	120.00
Plastic 54"	roll											3.0000	85.00	255.00	255.00
T-tape, drip irrig.	roll											2.0000	111.00	222.00	222.00
Other labor	hour											5.0000	9.60	48.00	48.00
Transplanter, plug Watermelon plants	1 row 100	23	1.000	1.00	Apr	3.41	2.99	1.06	3.20	3.10	33.82	10.0000	9.50	95.00	95.00
Trailer utility	10 ft	23	1.000	1.00	Apr	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Other labor	hour											1.0000	9.60	9.60	9.60
Sprayer, boom	20 ft	93	0.120	1.00	Apr	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Curbit	pt											3.0000	4.65	13.95	13.95
Command	pt											1.0000	12.93	12.93	12.93
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Thionex	pt											1.0000	4.60	4.60	4.60
Quadris	oz											6.0000	2.16	12.96	12.96
Cultivator 4R	13.3 ft	68	0.140	1.00	Apr	1.25	0.85	0.28	0.46	0.15	1.68				4.52
Sprayer, boom	20 ft	93	0.120	1.00	Apr	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Quadris	oz											6.0000	2.16	12.96	12.96
Capture	oz											4.5000	2.59	11.66	11.66
Cultivator 4R	13.3 ft	68	0.140	1.00	Apr	1.25	0.85	0.28	0.46	0.15	1.68				4.52
Sprayer, boom	20 ft	93	0.120	1.00	May	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Capture	oz											4.5000	2.59	11.66	11.66
Bravo	pt											2.5000	6.35	15.88	15.88
Cultivator 4R	13.3 ft	68	0.140	1.00	May	1.25	0.85	0.28	0.46	0.15	1.68				4.52
Sprayer, boom	12 ft	23	0.190	1.00	May	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Treflan	pt											2.0000	3.18	6.36	6.36
Sprayer, boom	20 ft	93	0.120	1.00	May	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Ridomil + Bravo	lb											3.0000	17.00	51.00	51.00
Capture	oz											4.5000	2.59	11.66	11.66
Other labor	hour			1.00	May							2.0000	9.60	19.20	19.20
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Ridomil + Bravo	lb											3.0000	17.00	51.00	51.00
Capture	oz											4.5000	2.59	11.66	11.66
Trailer utility	10 ft	23	1.000	1.00	Jun	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Harvest labor	hour											15.0000	9.60	144.00	144.00
Pickup truck	1/2 ton				Jun	9.06	7.40			1.00	10.91				27.37
Sprayer, boom	20 ft	93	0.120	1.00	Jun	1.49	1.20	0.48	0.59	0.13	1.44				5.20
Ridomil Gold	pt											2.0000	88.00	176.00	176.00
Trailer utility	10 ft	23	1.000	1.00	Jun	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Harvest labor	hour											15.0000	9.60	144.00	144.00
Pickup truck	1/2 ton				Jun	9.06	7.40			1.00	10.91				27.37
Trailer utility	10 ft	23	1.000	1.00	Jul	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Harvest labor	hour											10.0000	9.60	96.00	96.00
Pickup truck	1/2 ton				Jul	9.06	7.40			1.00	10.91				27.37
Coulter	1 row	23	1.500	1.00	Aug	5.12	4.48	0.64	1.09	1.65	18.00				29.33
Other labor	hour											17.0000	9.60	163.20	163.20
Trailer utility	10 ft	23	1.000	1.00	Aug	3.41	2.99	0.27	1.17	1.10	12.00				19.84
Pickup truck	1/2 ton				Aug	9.06	7.40			1.00	10.91				27.37
Disk 4R	13.3 ft	68	0.150	1.00	Aug	1.34	0.91	0.92	1.52	0.16	1.80				6.49
Irrigate	acre				Apr			35.28	59.41			1.0000			94.69
TOTALS						91.55	75.66	50.40	89.65	22.93	250.23			1745.63	2303.12
INTEREST ON OPERATING CAPITAL															64.40
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															2368.40

Table 36.B Summary of estimated costs per acre, Watermelons (early), hybrid varieties, plug transplant, irrigated, plastic mulch, one-row equipment, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		145.35	1.0000	145.35	_____
FUNGICIDES		319.80	1.0000	319.80	_____
HERBICIDES		33.24	1.0000	33.24	_____
HIRED LABOR		240.00	1.0000	240.00	_____
INSECTICIDES		51.24	1.0000	51.24	_____
STAKES & TWINE		222.00	1.0000	222.00	_____
PLASTIC		255.00	1.0000	255.00	_____
PLANTS		95.00	1.0000	95.00	_____
HARVEST LABOR		384.00	1.0000	384.00	_____
OPERATOR LABOR	hour	10.91	22.9370	250.23	_____
DIESEL FUEL	gal	2.20	7.0188	15.43	_____
ELECTRICITY	kWh	0.14	198.4000	27.76	_____
GASOLINE	gal	2.50	22.3509	55.92	_____
REPAIR & MAINTENANCE		43.72	1.0000	43.72	_____
INTEREST ON OP. CAP.		64.40	1.0000	64.40	_____
				-----	
TOTAL DIRECT EXPENSES				2203.09	_____
TOTAL FIXED EXPENSES				165.31	_____
				-----	
TOTAL SPECIFIED EXPENSES				2368.40	_____

Table 36.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, 2009.

Yield (Cwt)	-----Price Per Cwt-----				
	6.00	7.00	8.00	9.00	10.00
	-----Net Returns Per Acre-----				
200.00	-878.29	-678.29	-478.29	-278.29	-78.29
250.00	-640.69	-390.69	-140.69	109.31	359.31
300.00	-403.09	-103.09	196.91	496.91	796.91
350.00	-165.49	184.51	534.51	884.51	1234.51
400.00	72.11	472.11	872.11	1272.11	1672.11

Appendix Table 1. Powered Equipment: estimated useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour Louisiana, 2009.

RECORD NUM	ITEM NAME	SIZE	HR/ AC	AC/ HR	WIDTH	SPEED	EFF	FUEL TYPE	FUEL USE	LAB TYPE	LAB MULT	ALAB TYPE	ALAB QUAN	PUR PRICE	R&M RATE	ANN USE	SALV RATE	USE LIFE
4	Double hitch	0						DI	0	1	0			0	100	1000		10
9	Pickup truck	1/2 ton						GA	2.5	1	1.0			25000	45	800	10	5
10	Small 4-wheel drive	225						DI	11.58	1	1.1			104362	11	600	36	10
7	Tractor 106-130HP	118						DI	6.07	1	1.1			86566	25	600	36	10
5	Tractor 131-155HP	143						DI	7.36	1	1.1			39972	25	600	36	10
1	Tractor 15-30HP	23						GA	1.13	1	1.1			14000	25	600	36	10
8	Tractor 156-180	168						DI	8.65	1	1.1			78141	25	600	36	10
2	Tractor 31-55HP	43						DI	2.21	1	1.1			18365	25	600	36	10
3	Tractor 56-80HP	68						DI	3.5	1	1.1			28341	25	600	36	10
6	Tractor 80-105HP	93						DI	4.79	1	1.1			46683	25	600	36	10
11	Tractor hi clearance	68						DI	4.20	1	1.1			43000	25	600	36	10
4	Fork lift		2.2	0.45	0.0	0.0	0	LP	1.1	1	1.0			29550	50	1000	20	20
5	High cycle spray	60 ft	0.03	33.33	0.0	0.0	0	DI	2.90	1	1.10			60000	60	250	10	12
1	Pickup truck	1/2 ton	1.00	1.00	0.0	0.0	0	GA	2.5	1	1.0			25000	45	800	10	5
6	Truck	1 ton	1.00	1.00	0.0	0.0	0	GA	3.00	1	1.10			32000	5	400	10	10
2	Truck	2 ton	1.00	1.00	0.0	0.0	0	GA	3.7	1	1.0			40000	0	400	10	10
3	Truck	5 ton	1.00	1.00	0.0	0.0	0	GA	5.0	1	1.0			45000	50	400	10	10

Appendix Table 2. Other durable inputs: estimated repair cost, fuel consumption rate, Direct cost per unit of measure, and fixed cost per unit of measure or per acre Louisiana, 2009.

ITEM NAME	UNIT	FULL UTIL	TRAN FTN	FUEL TYPE	FUEL USE	LABOR TYPE	LABOR RATE	PUR PRICE	SALV RATE	R&M RATE	USE LIFE
Cool pad, greenhouse	hour		1	EL				1	0	10	5
cutter, potato seed	cwt		1.00000	EL	0.45	1	0.17	1	1	1	1
Engine, RPF	acin	960	0.2262	DI	3.6	3		10000	0	100	15
Fan, greenhouse	hour		1	EL	1.4			1	1	1	1
Heater, greenhouse	hour		1	DI	1			1	0		10
Irrig. sys. 8 pipe	acin		1	EL	6.63	3	0.11	1	1	1	1
Irrig. sys. 1 pivot	acin		1.00	DI	2.14	3	0.04	1	1	1	1
Irrig. Sys. 2 pipe	acin		1.00	DI	1.410	3	0.37	1	1	1	1
Irrig. sys. 3 gun	acin		1	DI	2.26	3	.29	1	1	1	1
Irrig. sys. 7 pivot	acin		1	DI	2.11	3	0.04	1	1	1	1
Irrig/fert Anderson	each		1.00	EL	7.2			1	1	1	1
Irrig/fert berry	acin		1	EL	7.2			1	1	1	1
Irrig/fert Dosmatic	each		4	EL	.1			350.00	0	50	5
Irrigation, furrow	acin	1	1.00	EL	6	3	1	1	1	1	1
Irrigation/sprinkler	acin	20	0.5	EL	10	3	1.5	5500	10	100	20
Loader, bulk	acre		1.00	DI	1	1	0.50	1	1	1	1
Main line pipe	1320							9504	0	0	15
Pack line/wet/large	acre	1200	3	EL	12	2	12	21000	10	100	10
Pack line/wet/small	acre		5	EL	7	2	6	8300	10	100	10
Packing Line SP	acre	1000	1.5	EL	25	2	20	25000	10	100	10
Packing line, dry	acre		1	EL	1.15			1	1	1	1
Plant tie machine	hour		1.00			2					
Pump sub 10hp ohead	acin	100	1	EL	12			3000	0	100	20
Pump sub 5hp drip ir	acin	200	2	EL	6			2100	0	100	20
Sheller, bean/pea	acre	50	10	EL	5	2	2	4300	10	100	10
Sprayer, backpack	each					1	1	1	1	1	1
Well /pump, furrow	each		1					13500	0	60	15
Well 6"	each		1					2900	0	60	25

Appendix Table 3. Implements: estimated performance rate, useful life, annual use, purchase price, repair cost, and direct and fixed cost per hour and per acre Louisiana, 2009.

ITEM NAME	SIZE	Trac/Harv	HR/ AC	AC/ HR	WIDTH	SPEED	EFF	ALAB TYPE	ALAB QUAN	PUR PRICE	R&M RATE	ANN USE	SALV RATE	USE LIFE
Conditioner row 4R	13.3 ft	68	0.15	6.67	0.0	0.00	0 0	0.0	5032	88	200	10	10	
Conditioner row 6R	20 ft	143	0.09	11.11	0.0	0.00	0 0	0.0	7710	88	200	10	6	
Conditioner, row 1R	6 ft	23	0.41	2.44	0.0	0.00	0 0	0.0	1500	88	200	10	10	
Coulter	1 row	23	1.50	0.67	0.0	0.00	0 0	0.0	1000	85	200	10	10	
Coulter	4 row	0	0.14	7.14	0.0	0.00	0 0	0.0	5000	85	200	10	10	
Cultivate & fert 1R	3 ft	23	1.61	0.62	0.0	0.00	0 0	0.0	2500	88	200	10	10	
Cultivate & fert 2R	6 ft	43	0.60	1.67	0.0	0.00	0 0	0.0	5300	88	200	10	10	
Cultivate & herb 1R	3 ft	23	1.83	0.55	0.0	0.00	0 0	0.0	2500	88	200	10	10	
Cultivate & Herb 2R	6 ft	43	0.69	1.45	0.0	0.00	0 0	0.0	5300	88	200	10	10	
Cultivate & herb 4R	20 ft	143	0.11	9.09	0.0	0.00	0 0	0.0	8200	88	200	10	10	
Cultivator 1R	3 ft	23	1.53	0.65	0.0	0.00	0 0	0.0	2000	88	200	10	10	
Cultivator 2R	6 ft	43	0.57	1.75	0.0	0.00	0 0	0.0	3500	88	200	10	10	
Cultivator 4R	13.3 ft	68	0.14	7.14	0.0	0.00	0 0	0.0	4500	88	200	10	10	
Cultivator 6R	20 ft	143	0.10	10.00	0.0	0.00	0 0	0.0	6550	88	200	10	10	
Cultivator, 6R dbl	20 ft	143	0.20	5.00	0.0	0.00	0 0	0.0	9000	88	200	10	10	
Disk & herb appl 2R	6 ft	23	0.59	1.69	0.0	0.00	0 0	0.00	3200	88	200	10	10	
Disk & herb appl 6R	20 ft	143	0.10	10.00	0.0	0.00	0 0	0.0	18700	88	200	10	10	
Disk 2R	6 ft	43	0.57	1.75	0.0	0.00	0 0	0.0	2800	88	200	10	10	
Disk 4R	13.3 ft	68	0.15	6.67	0.0	0.00	0 0	0.0	13885	88	200	10	10	
Disk 6R	20 ft	143	0.10	10.00	0.0	0.00	0 0	0.0	24500	88	200	10	10	
Ditcher	1.5 ft	23	0.05	20.00	0.0	0.00	0 0	0.0	4304	88	100	10	10	
Fertilizer applicatr	1 row	23	0.50	2.00	0.0	0.00	0 0	0.0	600	75	150	10	10	
Fertilizer applicatr	20 ft	93	0.09	11.11	0.0	0.00	0 0	0.0	6000	88	200	10	10	
Fertilizer buggy	30 ft	68	0.06	16.67	0.0	0.00	0 0	0.0	6500	88	150	10	10	
Fertilizer buggy	30 ft	93	0.06	16.67	0.0	0.00	0 0	0.0	6500	0	150	10	10	
Fertilizer dist(PTO)	20 ft	23	0.11	9.09	0.0	0.00	0 0	0.0	1600	88	150	10	10	
Field cult. & herb	20 ft	143	0.10	10.00	0.0	0.00	0 0	0.0	9750	88	200	10	10	
Field cultivator	20 ft	143	0.09	11.11	0.0	0.00	0 0	0.0	17000	88	200	10	10	
Fumigant applicator	6 R	143	0.09	11.1	0.0	0.00	0	0.0	4500	50	50	10	10	
Harrow, spike	18 ft	68	0.08	12.50	0.0	0.00	0 0	0.0	4500	88	200	10	10	
Harvest aide	50 ft	68	1.00	1.00	0.0	0.00	0 0	0.0	10000	88	200	10	10	
Harvester, bean 1R	3 ft	68	1	1.00	0.0	0.00	0 0	0.0	17000	85	150	10	12	
Harvester, greens	80 inch	93	1.00	1.00	0.0	0.00	0 0	0.0	10000	88	200	10	10	
Harvester, riding 1R	1 row	68	2.67	0.37	0.0	0.00	0 0	0.0	10000	88	300	10	10	
Harvester, riding 2R	2 row	93	2.00	0.50	0.0	0.00	0 0	0.0	14000	88	300	10	15	
Hipper 1R	3 ft	23	1.53	0.65	0.0	0.00	0 0	0.0	1000	88	200	10	10	
Hipper 2R	6 ft	43	0.57	1.75	0.0	0.00	0 0	0.0	2000	88	200	10	10	
Hipper 4R	13.3 ft	68	0.16	6.25	0.0	0.00	0 0	0.0	4500	88	200	10	10	
Hipper 6R	20 ft	143	0.09	11.11	0.0	0.00	0 0	0.0	7200	88	200	10	10	
Hipper-fert dist 1R	3 ft	23	1.55	0.65	0.0	0.00	0 0	0.0	2000	88	150	10	10	
Hipper-fert dist 2R	6 ft	43	0.58	1.72	0.0	0.00	0 0	1.0	4000	88	200	10	10	
Hole Puncher 1R	3 ft	23	0.75	1.33	0.0	0.00	0 0	0.0	1000	80	80	10	12	
Hole puncher 4R	4 row	68	.33	3.03	0.0	0.00	0 0	0.0	4000	60	100	10	10	
Hole puncher 4R	4R	68	0.33	3.03	0.0	0.00	0 0	0.0	4000	60	100	10	10	
Injection wheel 1R	1 row	23	1.0	1.00	0.0	0.00	0 0	0.0	1800	77	100	10	10	
Injection wheel 4R	4 row	68	.33	3.03	0.0	0.00	0 0	0.0	4000	88	100	10	10	
Land level	13 ft	143	.19	5.26	0.0	0.00	0 0	0.0	7500	66	200	10	15	
Lifter blade	1 row	43	1.5	0.67	0.0	0.00	0 0	0.0	1300	60	100	10	10	
Middle buster 1R	3 ft	23	1.53	0.65	0.0	0.00	0 0	0.0	500	88	200	10	10	
Middle buster 2R	6 ft	43	0.57	1.75	0.0	0.00	0 0	0.0	1200	88	200	10	10	
Middle buster 4R	4R	93	.30	3.33	0.0	0.00	0 0	0.0	6500	88	200	10	10	
Misc. tools	1 ft	23	0.00	*****	0.0	0.00	0 0	0.0	112	97	200	10	5	
urse tank	1000 gal	93	0.13	7.69	0.0	0.00	0 0	0.0	3000	22	150	10	12	
Pipe spool	1/4 m roll	43	0.003	320	0.0	0.00	0 1	1	3100	15	15	10	12	
Planter & herb 1R	3 ft	23	1.53	0.65	0.0	0.00	0 0	0.0	1100	77	200	10	10	
Planter & herb 6R	20 ft	143	0.25	4.00	0.0	0.00	0 0	0.0	18000	77	200	10	8	
Planter 1R	3 ft	23	1.50	0.67	0.0	0.00	0 0	0.0	600	77	200	10	10	
Planter 2R	6 ft	43	0.57	1.75	0.0	0.00	0 0	0.0	1500	77	200	10	10	
Planter 6R	20 ft	143	0.24	4.17	0.0	0.00	0 0	0.0	16500	77	200	10	10	
Planter, potato 4R	4 row	68	0.40	2.50	0.0	0.00	0 0	0.0	10000	85	150	10	12	
Planter, precision1R	2 unit	43	1.30	0.77	0.0	0.00	0 0	0.0	6000	85	200	10	10	
Planter, precision2R	4 unit	68	0.60	1.67	0.0	0.00	0 0	0.0	12000	85	200	10	10	
Planter, vacuum	20 ft	143	0.25	4.00	0.0	0.00	0 0	0.0	30000	85	150	10	12	
Planter, yam seed	250 bu	93	0.33	3.03	0.0	0.00	0 1	1.0	6500	50	50	10	15	
Plastic & fumigation	5 ft	23	1.50	0.67	0.0	0.00	0 1	2.0	5300	60	200	10	10	
Plastic layer	5 ft	23	1.50	0.67	0.0	0.00	0 1	2.0	4800	60	200	10	10	
Plow, chisel	20 ft	143	0.09	11.11	0.0	0.00	0 0	0.0	12000	88	200	10	10	
Plow, moldboard	2 ft	23	1.79	0.56	0.0	0.00	0 0	0.0	750	88	200	10	10	
Plow, moldboard	6 ft	23	0.66	1.52	0.0	0.00	0 0	0.0	950	88	200	10	10	
Potato digger, chain	1 row	23	1.5	0.67	0.0	0.00	0 0	0.0	2100	88	100	10	10	
Potato digger, chain	2 row	43	0.66	1.52	0.0	0.00	0 0	0.0	3500	88	100	10	10	
Row shaper	4R	68	.30	3.33	0.0	0.00	0 0	0.0	6000	88	200	10	10	
Shredder 1R	5 ft	23	0.74	1.35	0.0	0.00	0 0	0.0	1500	48	150	10	10	

Appendix Table 3. (continued)

Shredder 2R	6.7 ft	43	0.39	2.56	0.0	0.00	0 0	0.0	3661	48	150	10	10
Shredder 4R	13.3 ft	93	0.13	7.69	0.0	0.00	0 0	0.0	8336	44	150	10	10
Sprayer, boom	12 ft	23	0.19	5.26	0.0	0.00	0 0	0.0	2000	110	150	10	8
Sprayer, boom	20 ft	93	0.12	8.33	0.0	0.00	0 0	0.0	4400	110	150	10	8
Trailer	40 ft	1/2 ton	1.00	1.00	0.0	0.00	0 0	0.0	5000	88	200	10	15
Trailer small	8 ft	23	1.00	1.00	0.0	0.00	0 0	0.0	1800	40	200	10	15
Trailer utility	10 ft	23	1.00	1.00	0.0	0.00	0 0	0.0	2000	40	200	10	15
Trailer, water	10 ft	43	1.00	1.00	0.0	0.00	0 0	0.0	2700	35	100	10	15
Transplanter 4R	12 ft	68	0.60	1.67	0.0	0.00	0 0	0.0	10000	38	150	10	10
Transplanter mod 900	1 row	43	3.00	0.33	0.0	0.00	0 1	2.00	2200	48	100	10	10
Transplanter vegetabl	1 row	23	4.00	0.25	0.0	0.00	0 1	3.0	1300	48	200	10	10
Transplanter, plug	1 row	23	1.00	1.00	0.0	0.00	0 1	2.0	2200	48	100	10	10
V-Ripper	7 shank	143	.17	5.88	0.0	0.00	0 0	0.0	6342	110	100	10	15
V-Ripper	9-shank	168	0.13	7.69	0.0	0.00	0 0	0.0	7342	110	100	10	15
Wagon, vegetable	12 ft	93	1.00	1.00	0.0	0.00	0 0	0.0	7500	88	200	10	15
Windrower	12.0 ft	43	.18	5.56	0.0	0.00	0 0	0.0	4950	121	80	10	8

Appendix Table 4. Operating inputs: estimated prices Louisiana, 2009.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
<b>CUSTOM</b>					
Custom packing	bu	2.85	Custom packing	bu	2.50
Laying Plastic	acre	15.00	Rice bags UV	100	24.00
Tape	roll	0.80	Water (from hydrant)	acin	3.25
<b>FERTILIZER</b>					
10-20-20	lb	0.30	13-13-13	lb	0.29
13-13-13	cwt	29.00	3-13-29	lb	1.76
7-21-21	lb	0.32	8-24-24	lb	0.30
Amm. Nitrate 33%	cwt	16.00	Anhydrous (82%)	cwt	26.85
CaNO <sub>3</sub> , regular	lb	0.35	CaNO <sub>3</sub> , water sol.	lb	0.60
Fertilizer cart	cwt	0.20	Lime (spread)	ton	38.00
Nitrogen	lb	0.14	Nitrogen (32%)	lb	0.53
Phosphorus	cwt	41.00	Potash	lb	0.13
Sodium Molybdate	lb	18.00	Solubore	lb	1.10
<b>FUEL</b>					
Diesel fuel	gallon	1.15	Electricity	kwatt	0.10
<b>FUMIGANT</b>					
Methyl bromide	lbs	3.70			
<b>FUNGICIDES</b>					
Aliette	lb	12.00	Benlate	lb	15.95
Botran 75W	lb	12.75	Bravo	pt	6.35
Cabrio	lb	26.40	Captan	lb	4.83
Champ DF	lb	4.50	Confirm	oz	1.46
Dithane	lb	5.45	Elevate	lb	32.00
Elivate	lb	32.00	Exotherm	lb	4.00
Kocide	lb	5.00	Manzate	lb	2.85
Nova	oz	4.14	Pristine	oz	2.40
Quadris	oz	2.16	Ridomil	lb	2.04
Ridomil + Bravo	lb	17.00	Ridomil Gold	pt	88.00
Ridomil Gold + Bravo	lb	11.74	Rovral	pt	17.06
Scala	oz	1.95	Switch	oz	4.57
Topsin M	lb	20.00	Tribasic Copper	lb	2.65
<b>HARVEST LABOR</b>					
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	7.50
<b>HERBICIDES</b>					
Atrazine	pt	1.69	Basagran	pt	10.75
Command	pt	12.93	Crop oil	pt	1.05
Curbit	pt	4.65	Dacthal	lb	16.00
Devrinol	lb	8.39	Dual	pt	13.47
Eptam	pt	4.10	Fusilade 2000	oz	1.34
Goal	pt	10.54	Gramoxone	pt	4.86
Lasso	qt	6.60	Poast	pt	8.90
Prefar	qt	11.55	Princep	lb	3.73
Prowl	pt	3.31	Pursuit	oz	11.59
Roneet	qt	12.50	Roundup	pt	7.20
Sencor	pt	10.13	Surfactant	pt	1.68
Treflan	pt	3.18	Valor	oz	4.23
<b>HIRED LABOR</b>					
Blanching labor	hour	9.60	Tomato pollination	each	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 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			

Appendix Table 4 (continued)

INSECTICIDES					
Acramite	lb	75.00	Admire 2F	pt	76.48
AgriMek	pt	75.00	Ambush	pt	14.13
Baythroid	oz	2.28	Brigade 2 EC	oz	1.10
Buffer	pt	2.00	Capture	oz	2.59
Diazinon	pt	3.95	Dimethoate	pt	4.73
Dipel	pt	4.26	Furadan	pt	9.52
Guthion	pt	4.40	Imidan	lb.	6.55
Kelthane	qt	11.46	Lannate	pt	7.67
Lorsban 4E	pt	4.45	Malathion	pt	2.63
Mocap	lbs	1.40	Orthene	lbs	11.90
Pennacp M	pt	3.55	Phosdrin	pt	11.19
Pounce	pt	17.10	Pravado	pt	55.88
Sevin	lbs	6.13	SpinTor	oz	4.71
Telone II	gal	14.00	Thiodan	pt	3.85
Thiodan	lb	6.50	Thionex	pt	4.60
Vendex	lb	25.50			
OTHER					
Shade material	gal	20.00			
PACK & HARVEST ITEMS					
Boxes, lug	each	1.11	Bushel hampers	each	2.25
Flats	each	1.25	Hand carry	each	1.60
Harvest container	each	2.00	Harvest crate	each	1.90
Harvest sacks	each	0.25	Ice	cwt	2.50
Lug boxes	each	1.11	Packing boxes	each	1.22
Packing boxes	each	1.50	Packing boxes	each	0.90
Packing boxes	each	1.45	Packing boxes	each	0.90
Packing charge	bu	1.50	Packing crates	each	1.10
Packing sacks	each	0.49	plastic bag, sealing	each	0.10
Potato bins	each	55.00	Rubber bands	lbs	5.00
Vegetable bin	each	40.00			
PLANTS					
Broccoli plants	100	3.00	Cabbage plants	100	3.00
Cantaloupes	100	9.00	Cauliflower plants	100	3.50
Cucumbers	100	3.20	Eggplant plants	100	8.50
Grow bags	each	0.67	Mustard seed	lbs	4.00
Pepper plants	100	9.50	Squash	100	3.20
Strawberry bare root	1000	80.00	Strawberry Plug	1000	275.00
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	90.00	Pipe, poly	acre	4.69
Plastic	ft	0.02	Plastic	roll	76.80
Plastic 54"	roll	85.00			
ROW COVERS					
Bee pollination	hive	100.00	Hoops, wire, berry	100	110.00
Rice Bags	100	20.00	Row covers	roll	435.00
Row covers 1 1/2 oz	sq yd	0.31	Row covers 2 oz	roll	317.68
Row covers 2 oz	sq yd	0.38			
SEED					
Broccoli seed	lbs	430.00	Butter bean seed	lbs	1.50
Cabbage seed	lbs	272.00	Cantaloupe seed	lbs	338.00
Cauliflower seed	lbs	775.00	Cayenne seed	lbs	32.50
Chipping potato seed	cwt	22.00	Collard seed	lbs	5.50
Cover crop	acre	60.00	Cucumber seed	lbs	70.00
Cucumber seed/slice	lbs	12.25	Eggplant seed	lbs	320.00
Irish potato seed	cwt	22.00	Jalapeno seed	lbs	35.00
Okra seed	lbs	2.25	Pink banana squash	lbs	11.60
Pumpkin seed	lbs	32.25	Shallots sets	lbs	2.00
Snap bean seeds	lbs	1.50	Southern pea seed	lbs	1.75
Spinach	lbs	5.90	Sw potato seed (own)	bu	8.00
Sw potato seed Found	bu	20.60	Sweet corn seed	lbs	8.10
Sweet potato slips	acre	161.93	Turnip seed	lbs	4.25
Watermelon seed	1000	44.00	Yellow squash seed	lbs	42.00
STAKES & TWINE					
Lay Flat	roll	120.00	Plant clips	box	77.50
Stake replacement	100	15.00	Stake, short	100	65.00
String	lbs	2.00	T-tape, drip irrig.	roll	111.00
Tomato hooks	box	57.00	Twine	roll	25.00
Twine, plastic	box	15.00	Twine, poly	roll	4.50
Tying twine	box	7.50			

Table 36.A Estimated resource use and costs for field operation per acre, Potato, Sweet (Mother-bed), one-row equipment, plant 90 acres, Louisiana, 2009.

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	6.41	4.47	1.40	2.32	1.25	13.68				28.28
Fertilizer applicatr 8-24-24	1 row lb	23	0.500	1.00	Feb	1.70	1.49	0.15	0.29	0.55	6.00	500.0000	0.30	150.00	150.00
Disk 2R	6 ft	43	0.570	1.00	Feb	3.21	2.24	0.70	1.16	0.62	6.84				14.15
Hipper 1R	3 ft	23	1.530	2.00	Feb	10.43	9.15	1.35	2.23	3.36	36.72				59.88
Middle buster 1R	3 ft	23	1.530	1.00	Feb	5.21	4.57	0.34	0.56	1.68	18.36				29.04
Trailer utility	10 ft	23	1.000	5.00	Feb	17.04	14.95	1.33	5.84	5.50	60.01				99.17
Planter, yam seed	250 bu	93	0.330	1.00	Feb	4.12	3.29	1.43	5.01	0.69	7.56				21.41
Planting labor	hour											1.0000	9.60	9.60	9.60
Sw potato seed (own)	bu											900.0000	8.00	7200.00	7200.00
Sw potato seed (own)	bu											450.0000	8.00	3600.00	3600.00
Botran 75W	lb											2.2500	12.75	28.69	28.69
Fork lift			2.222	1.00	Feb	8.09	6.67			2.22	24.24				39.00
Hipper 1R	3 ft	23	1.530	2.00	Feb	10.43	9.15	1.35	2.23	3.36	36.72				59.88
Ditcher	1.5 ft	23	0.050	1.00	Feb	0.17	0.15	0.19	0.31	0.05	0.60				1.42
Plastic layer	5 ft	23	1.500	1.00	Mar	5.12	4.48	2.16	5.24	4.65	50.73				67.73
Plastic	roll											4.5000	76.80	345.60	345.60
Other labor	hour											3.0000	9.60	28.80	28.80
Hipper 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	0.67	1.11	1.68	18.36				29.92
Other labor	hour											6.0000	9.60	57.60	57.60
Cultivator 1R	3 ft	23	1.530	1.00	Mar	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Ditcher	1.5 ft	23	0.050	1.00	Mar	0.17	0.15	0.19	0.31	0.05	0.60				1.42
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Thiodan	lb											1.0000	6.50	6.50	6.50
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Ditcher	1.5 ft	23	0.050	1.00	Apr	0.17	0.15	0.19	0.31	0.05	0.60				1.42
Sprayer, boom	12 ft	23	0.190	1.00	Apr	0.65	0.57	0.35	0.43	0.20	2.28				4.28
Thiodan	lb											1.0000	6.50	6.50	6.50
Cultivator 1R	3 ft	23	1.530	1.00	Apr	5.21	4.57	1.35	2.23	1.68	18.36				31.72
Ditcher	1.5 ft	23	0.050	1.00	Apr	0.17	0.15	0.19	0.31	0.05	0.60				1.42
Shredder 1R	5 ft	23	0.740	1.00	May	2.52	2.21	0.36	1.08	0.81	8.88				15.05
Middle buster 1R	3 ft	23	1.530	1.00	May	5.21	4.57	0.34	0.56	1.68	18.36				29.04
Disk 2R	6 ft	43	0.570	2.00	May	6.41	4.47	1.40	2.32	1.25	13.68				28.28
TOTALS						108.72	91.73	18.49	38.74	35.03	382.18			11433.29	12073.15
INTEREST ON OPERATING CAPITAL															341.46
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															12414.61

Table 36.G Summary of estimated costs per acre, Potato, Sweet, (Mother-bed), one-row equipment, plant 90 acres, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
FERTILIZER		150.00	1.0000	150.00	_____
FUNGICIDES		28.69	1.0000	28.69	_____
HIRED LABOR		96.00	1.0000	96.00	_____
INSECTICIDES		13.00	1.0000	13.00	_____
SEED		10800.00	1.0000	10800.00	_____
PLASTIC		345.60	1.0000	345.60	_____
OPERATOR LABOR	hour	10.91	35.0322	382.18	_____
DIESEL FUEL	gal	2.20	7.8792	17.33	_____
GASOLINE	gal	2.50	26.6906	66.70	_____
LP GAS	cu ft	2.64	2.4444	6.45	_____
REPAIR & MAINTENANCE		36.73	1.0000	36.73	_____
INTEREST ON OP. CAP.		341.46	1.0000	341.46	_____
TOTAL DIRECT EXPENSES				12284.14	_____
TOTAL FIXED EXPENSES				130.47	_____
TOTAL SPECIFIED EXPENSES				12414.61	_____