

Cost of Production Estimates 2019



PLEASE NOTE:

All COP estimates are stated per kilogram (kg).

The figures presented are not to be construed as establishment costs.

Plant population may also be impacted by other ecological factors and not limited to planting distance only.

Planting distance stated in both centimetres and inches.

SUMMARY OF RESULTS

Crop	COP \$/kg	COP \$/lb	Parish
CARROT	38	17	CLARENDON
DASHEEN	49	22	CLARENDON
GINGER	137	62	CLARENDON
RED PEAS	421	191	CLARENDON
SWEET POTATO	50	23	CLARENDON
TOMATO	56	26	CLARENDON
YELLOW YAM	56	25	CLARENDON
GINGER	129	59	HANOVER
HOT PEPPER	118	53	HANOVER
PAW-PAW	61	28	HANOVER
PUMPKIN	32	15	HANOVER
SWEET YAM	99	45	HANOVER
YELLOW YAM	77	35	HANOVER
CARROT	40	18	MANCHESTER
IRISH POTATO	75	34	MANCHESTER
PEANUTS	597	271	MANCHESTER
RED PEAS	415	188	MANCHESTER
SWEET POTATO	45	21	MANCHESTER
SWEET YAM	73	33	MANCHESTER
THYME	323	147	MANCHESTER
TOMATO	51	23	MANCHESTER
YELLOW YAM	66	30	MANCHESTER
CARROT	34	16	PORTLAND
DASHEEN	49	22	PORTLAND
HOT PEPPER	81	37	PORTLAND
PUMPKIN	26	12	PORTLAND
YELLOW YAM	53	24	PORTLAND
CABBAGE	67	30	ST. ANDREW
CARROT	40	18	ST. ANDREW
IRISH POTATO	84	38	ST. ANDREW
YELLOW YAM	73	33	ST. ANDREW
CABBAGE	48	22	ST. ANN
GINGER	130	59	ST. ANN
HOT PEPPER	74	34	ST. ANN
IRISH POTATO	61	28	ST. ANN
PEANUTS	511	232	ST. ANN
CABBAGE	49	22	ST. CATHERINE
CALLALOO	31	14	ST. CATHERINE
HOT PEPPER	77	35	ST. CATHERINE
ONION	60	27	ST. CATHERINE
PUMPKIN	28	13	ST. CATHERINE
SWEET POTATO	34	15	ST. CATHERINE
CALLALOO	63	29	ST. ELIZABETH
CUCUMBER	68	31	ST. ELIZABETH
ONION	75	34	ST. ELIZABETH
PAW-PAW	49	22	ST. ELIZABETH
PEANUTS	506	230	ST. ELIZABETH
PINEAPPLE	71	32	ST. ELIZABETH
PUMPKIN	26	12	ST. ELIZABETH
RED PEAS	418	190	ST. ELIZABETH
SWEET POTATO	35	16	ST. ELIZABETH
THYME	368	167	ST. ELIZABETH
TOMATO	71	32	ST. ELIZABETH
CABBAGE	80	36	ST. JAMES
CALLALOO	65	30	ST. JAMES
DASHEEN	64	29	ST. JAMES
GINGER	133	60	ST. JAMES
HOT PEPPER	95	43	ST. JAMES
PINEAPPLE	62	28	ST. JAMES
CABBAGE	47	21	ST. MARY
CUCUMBER	39	18	ST. MARY
HOT PEPPER	74	34	ST. MARY
IRISH POTATO	52	23	ST. MARY
PAW-PAW	59	27	ST. MARY
PUMPKIN	22	10	ST. MARY
TOMATO	76	35	ST. MARY
CUCUMBER	38	17	ST. THOMAS
HOT PEPPER	93	42	ST. THOMAS
ONION	65	30	ST. THOMAS
SWEET POTATO	39	18	ST. THOMAS
CARROT	46	21	TRELAWNY
IRISH POTATO	80	36	TRELAWNY
PAW-PAW	55	25	TRELAWNY
SWEET YAM	107	49	TRELAWNY
YELLOW YAM	65	29	TRELAWNY
CUCUMBER	60	27	WESTMORELAND

DASHEEN	51	23	WESTMORELAND
PEANUTS	485	221	WESTMORELAND
PINEAPPLE	66	30	WESTMORELAND
RED PEAS	478	217	WESTMORELAND
TOMATO	77	35	WESTMORELAND

Parish	Clarendon
Crop	YELLOW YAM
Crop Maturity	10 Months
Reaping Period	
Planting Distance (l x w)	
	cm 60 x 30
	inches 30x 12
Planting Population	17424
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	7,287
Cost of Production \$/Kg	\$56

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Dig Holes	MD	10	2000	20,000
Prepare Planting Material	MD	4	2000	8,000
Make Mounds	MD	10	2000	20,000
Planting	MD	6	2000	12,000
Stake and tie	MD	6	2000	12,000
Weed Control	MD	20	2000	40,000
Fertilising	MD	2	2000	4,000
Harvesting	MD	15	2000	30,000
Lunch		83	500	41,500
SUBTOTAL				207,500

Material Inputs	Heads (lbs)	1000	60	60,000
Planting Material	each	1000	10	10,000
Fertiliser:				
NPK 14.28.14	50 kg	3	6000	18,000
Urea	50 kg	2	4000	8,000
Herbicide:				
Gramoxone	Gallon	1	4100	4,100
SUBTOTAL				100,100

Other Costs	
Contingencies (10 percent of labour and material)	30760
**Tools discounted for 5 years	9400
Land Charges per year	12500
Supervision (15 percent of labour and material)	46140
SUBTOTAL	\$98,800
TOTAL OPERATING EXPENDITURE PER CROP CYCLE	\$406,400

Initial land clearing cost are not included given the wide variations present

Parish	Clarendon
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance in (l x w)	Broadcast
Planting Population	
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	7,287
Cost of Production \$/Kg	\$38

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Ploughing	MD	15	2500	37,500
Planting	MD	1	2500	2,500
Weeding	MD	2	2500	5,000
Fertilising	MD	2	2500	5,000
Harvesting	MD	20	2500	50,000
Lunch		50	500	25,000
SUBTOTAL				\$150,000

Material Inputs

Planting Material	tins	2	13000	26,000
Fertiliser:				
NPK 14-28-14	50 kg bag	4	6000	24,000
Herbicide:				
Gramoxone	litre	2	1500	3,000
SUBTOTAL				\$53,000

Other Costs

Contingencies (10 percent of labour and material)				20300
**Tools discounted for 5 years				9400
Land Charges per year				12500
Supervision (10 percent of labour and material)				30450
SUBTOTAL				\$72,650
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				\$275,650

Initial land clearing cost are not included given the wide variations present

Parish	Clarendon
Crop	DASHEEN
Crop Maturity	9 Months
Reaping Period	1 Month
Planting Distance (l x w)	
	cm 45 x 45
	inches 24 x 24
Planting Population	10890
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	7,287
Cost of Production \$/Kg	\$49

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	8	2000	16,000
Dig Holes	MD	10	2000	20,000
Planting	MD	6	2000	12,000
Pesticide Application	MD	2	2000	4,000
Weed Control	MD	12	2000	24,000
Fertiliser Application	MD	3	2000	6,000
Harvesting	MD	20	2000	40,000
Lunch		61	500	30,500
SUBTOTAL				\$152,500

Material Inputs

Planting Material	sucker	7000		10		70,000
Fertiliser:						
NPK 11-22-22	50 kg bag	6		6000		36,000
Insecticide:						
Confidor	13 g	6		1000		6,000
Actara	13 g	6		1000		6,000
Herbicide:						
Gramoxone	litre	3		1800		5,400
SUBTOTAL						\$118,000

Other Costs

Contingencies (10 percent of labour and material)				27050
**Tools discounted for 5 years				9400
Land Charges per year				12500
Supervision (15 percent of labour and material)				40575
SUBTOTAL				\$89,525
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				\$360,025

Initial land clearing cost are not included given the wide variations present

Parish	Clarendon
Crop	GINGER
Crop Maturity	10 Months
Reaping Period	12 Months
Planting Distance (l x w)	
	cm 30 x 30
	inches 12 x 12
Plant Population	43560
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	5,061
Cost of Production \$/Kg	\$137

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Furrowing	MD	12	2000	24,000
Maintaining Trenches	MD	4	2000	8,000
Preparing Planting Material	MD	2	2000	4,000
Planting	MD	4	2000	8,000
Weeding	MD	18	2000	36,000
Fertilising	MD	2	2000	4,000
Harvesting	MD	20	2000	40,000
Lunch		72	500	36,000
SUBTOTAL				180,000

Material Inputs						
Planting Material	lbs	1600		200		320,000
Fertiliser:						
NPK 14-28-14	50 kg bag	3		6000		18,000
Insecticide:						
Caratrax	500 ml	1		5500		5,500
Fungicide						
Topsin	500 g	2		3000		6,000
Ridomil Gold	500 g	1		3500		3,500
Herbicide:						
Glyphosate	litre	3		1300		3,900
SUBTOTAL						356,900

Other Costs					
Contingencies (10 percent of labour and material)					53,690
**Tools discounted for 5 years					9,400
Land Charges per year					12,500
Supervision (15 percent of labour and material)					80,535
SUBTOTAL					156,125
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					693,025

Initial land clearing cost are not included given the wide variations present

Parish	Clarendon
Crop	RED PEAS
Crop Maturity	3 Months
Reaping Period	1 Week
Planting Distance (l x w)	
	cm 30 x 30
	inches 12 x 12
Plant Population	
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	415
Cost of Production \$/Kg	\$421

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	6	2000	12,000
Ploughing	MD	6	2000	12,000
Moulding	MD	6	2000	12,000
Planting	MD	2	2000	4,000
Pesticide Application	MD	2	2000	4,000
Weeding	MD	6	2000	12,000
Fertilising	MD	2	2000	4,000
Harvesting	MD	8	2000	16,000
Lunch		38	500	19,000
SUBTOTAL				95,000

Material Inputs

Planting Material	Quart	32	300	9,600
Fertiliser:				
NPK 14-28-14	50 kg bag	2	6000	12,000
Fungicide:				
Dithane	500 g	3	900	2,700
Herbicide:				
Gramaxone	litre	2	1400	2,800
SUBTOTAL				27,100

Other Costs

Contingencies (10 percent of labour and material)				12,210
**Tools discounted for 5 years				9,400
Land Charges per year				12,500
Supervision (15 percent of labour and material)				18,315
SUBTOTAL				52,425
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				174,525

Initial land clearing cost are not included given the wide variations present

Parish	Clarendon
Crop	TOMATO
Crop Maturity	3 Months
Reaping Period	2 Months
Planting Distance (l x w)	
	cm 120 x 60
	inches 48x 24
Plant Population	5445
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	7,692
Cost of Production \$/Kg	\$56

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	6	2000	12,000
Furrowing	MD	10	2000	20,000
Nursery Operations	MD	1	2000	2,000
Transplanting	MD	8	2000	16,000
Stake and tie	MD	12	2000	24,000
Pesticide Application	MD	8	2000	16,000
Weeding	MD	10	2000	20,000
Fertilising	MD	2	2000	4,000
Harvesting	MD	20	2000	40,000
Lunch		77	500	38,500
SUBTOTAL				192,500

Material Inputs						
Planting Material	tin	2	9000		18,000	
Potting Mixture	bag	4	1800		7,200	
Seed Trays	each	10	450		4,500	
Cord	roll	1	2000		2,000	
Stakes		6	3700		22,200	
Fertiliser:						
NPK 15-5-35	50 kg bag	4	5200		20,800	
NPK 11-22-22	50 kg bag	4	5600		22,400	
Insecticide:						
Caratrax	litre	2	2800		5,600	
Newmectin	100 ml	2	2800		5,600	
Fungicide:						
Dithane	500 g	1	800		800	
Topsin	1 kg	2	4500		9,000	
Bravo	litre	4	4000		16,000	
Herbicide:						
Glyphosate	litre	2	1500		3,000	
SUBTOTAL					137,100	

Other Costs					
Contingencies (10 percent of labour and material)				32,960	
**Tools discounted for 5 years				9,400	
Land Charges per year				12,500	
Supervision (15 percent of labour and material)				49,440	
SUBTOTAL				104,300	
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					433,900

Initial land clearing cost are not included given the wide variations present

Parish	Clarendon
Crop	SWEET POTATO
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance (l x w)	
	cm 60 x60
	inches 24 x 24
Plant Population	21780
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,883
Cost of Production \$/Kg	\$50

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Harrowing	MD	8	2500	20,000
Furrowing	MD	8	2500	20,000
Moulding	MD	8	2500	20,000
Planting	MD	8	2500	20,000
Pesticide Application	MD	6	2500	15,000
Weeding	MD	6	2500	15,000
Fertilising	MD	2	2500	5,000
Harvesting	MD	15	2500	37,500
Lunch		63	500	31,500
SUBTOTAL				209,000

Material Inputs

Planting Material	slips(load)	1	15000	15,000
Fertiliser:				
NPK 14-28-14	50 kg bag	2	6000	12,000
Sulphate of Ammonium	50 kg bag	2	4300	8,600
Insecticide:				
Karate	500 ml	2	3500	7,000
Fungicide:				
Dithane	500 g	5	800	4,000
Herbicide:				
Glyphosate	gallon	1	4000	4,000
SUBTOTAL				\$50,600

Other Costs

Contingencies (10 percent of labour and material)				25960
**Tools discounted for 5 years				9400
Land Charges per year				12500
Supervision (15 percent of labour and material)				38940
SUBTOTAL				\$86,800
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				\$346,400

Initial land clearing cost are not included given the wide variations present

Parish	Hanover
Crop	GINGER
Crop Maturity	9 Months
Reaping Period	3 Months
Planting Distance (l x w)	
cm	30 x 30
inches	12 x 12
Plant Population	43560
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	5,061
Cost of Production \$/Kg	\$129

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Ploughing	MD	10	2000	20,000
Furrowing	MD	8	2000	16,000
Maintaining Trenches	MD	3	2000	6,000
Moulding	MD	10	2000	20,000
Planting	MD	8	2000	16,000
Pesticide Application	MD	8	2000	16,000
Weed Control	MD	12	2000	24,000
Fertilizer Application	MD	4	2000	8,000
Harvesting	MD	16	2000	32,000
Lunch		89	500	44,500
SUBTOTAL				222,500

Material Inputs	Unit	No. of Units	Cost/Unit	Total Cost
Planting Material	lbs	1600	150	240,000
Fertiliser:				
NPK 11-22-22	50 kg	3	4300	12,900
NPK 14-28-14	50 kg	3	5800	17,400
Insecticide				
Rodazim	500 ml	2	2500	5,000
Fungicide				
Ridomil Gold	500 g	3	2800	8,400
Herbicide:				
Gramoxone	litre	2	2400	4,800
SUBTOTAL				288,500

Other Costs					
Contingencies (10 percent of labour and material)					51,100
**Tools discounted for 5 years					9,400
Land Charges per year					5,000
Supervision (15 percent of labour and material)					76,650
SUBTOTAL					142,150
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					653,150

Initial land clearing cost are not included given the wide variations present

Parish	Hanover		
Crop	SWEET YAM		
Crop Maturity	11 Months		
Reaping Period	8 Months		
Planting Distance (l x w)	cm	120 x 120	
	inches	48 x 48	
Plant Population	2723		
Topography	Hilly Land		
Land Preparation	Manual		
Irrigated/Rain fed	Rainfed		
Area	0.4 hectare		
Man-day Charge (excluding lunch)	\$2,000		
Projected Marketable Yield (Kg)	5,668		
Cost of Production \$/Kg	\$99		

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	12	2000	24,000
Ploughing	MD	10	2000	20,000
Dig Holes	MD	16	2000	32,000
Prepare Planting Material	MD	4	2000	8,000
Planting/Mounding	MD	14	2000	28,000
Staking	MD	10	2000	20,000
Pesticide Application	MD	5	2000	10,000
Weed Control	MD	20	2000	40,000
Fertilizer Application	MD	4	2000	8,000
Harvesting	MD	20	2000	40,000
Lunch		115	500	57,500
SUBTOTAL				287,500

Material Inputs					
Planting Material	heads/lbs	1200		70	84,000
Stakes	each	2500		4	10,000
Fertiliser:					
NPK 11.22.22	50 kg	4		4800	19,200
Ammonium Sulphate	50 kg	5		4000	20,000
Insecticide					
Diazinon	litre	4		1300	5,200
Fungicide:					
Mancozeb	100 g	6		1600	9,600
Herbicide:					
Gramoxone	litre	3		1300	3,900
SUBTOTAL					151,900

Other Costs					
Contingencies (10 percent of labour and material)					43,940
**Tools discounted for 5 years					9,400
Land Charges per crop cycle					4,500
Supervision (15 percent of labour and material)					65,910
SUBTOTAL					123,750
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					563,150

Initial land clearing cost are not included given the wide variations present

Parish	Hanover		
Crop	HOT PEPPER		
Crop Maturity	3 Months		
Reaping Period	1 year		
Planting Distance (l x w)	cm	30 x 30	
	inches	12 x 12	
Plant Population			
Topography	Relatively Flat Land		
Land Preparation	Manual		
Irrigated/Rain fed	Rainfed		
Area	0.4 hectare		
Man-day Charge (excluding lunch)	\$2,500		
Projected Marketable Yield (Kg)	5,668		
Cost of Production \$/Kg	\$118		

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Ploughing	MD	8	2500	20,000
Dig Holes	MD	8	2500	20,000
Planting	MD	6	2500	15,000
Pesticide Application	MD	5	2500	12,500
Weed Control	MD	12	2500	30,000
Fertilizer Application	MD	3	2500	7,500
Harvesting	MD	80	2500	200,000
Lunch		132	500	66,000
SUBTOTAL				396,000

Material Inputs				
Planting Material	pack	10	3000	30,000
Fertiliser:				
NPK 11-22-22	50 kg	4	5800	23,200
NPK 15-5-35	50 kg	4	5600	22,400
Insecticide				
Pegasus	250 ml	4	3400	13,600
Fungicide:				
Ridomil Gold	500 g	8	3000	24,000
Sancozeb	500 g	10	600	6,000
Herbicide:				
Glyphosate	gallon	1	4500	4,500
SUBTOTAL				123,700

Other Costs				
Contingencies (10 percent of labour and material)				51,970
**Tools discounted for 5 years				9,400
Land Charges per crop cycle				7,500
Supervision (15 percent of labour and material)				77,955
SUBTOTAL				146,825
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				666,525

Initial land clearing cost are not included given the wide variations present

Parish	Hanover
Crop	PAW-PAW
Crop Maturity	9 Months
Reaping Period	3 Months
Planting Distance (l x w)	
cm	210 x 210
inches	84 x 84
Plant Population	889
Topography	Hilly Land
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	7,287
Cost of Production \$/Kg	\$61

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Dig Holes	MD	20	2000	40,000
Planting	MD	8	2000	16,000
Pesticide Application	MD	10	2000	20,000
Weed Control	MD	10	2000	20,000
Fertilizer Application	MD	4	2000	8,000
Harvesting	MD	30	2000	60,000
Lunch		92	500	46,000
SUBTOTAL				230,000

Material Inputs	Unit	No. of Units	Cost/Unit	Total Cost
Planting Material	seed	900	10	9,000
Fertiliser:				
NPK 11-22-22	50 kg	6	5700	34,200
NPK 15-5-35	50 kg	4	5290	21,160
Insecticide				
Match	100 ml	2	3700	7,400
Caprid	litre	1	6000	6,000
Vertimec	100 ml	1	2100	2,100
Fungicide				
Sancozeb	500 g	4	800	3,200
Ridomil Gold	500 g	6	1500	9,000
Dithane	500 g	16	800	12,800
Herbicide:				
Gai-Quat	Litre	4	1100	4,400
SUBTOTAL				109,260

Other Costs	Unit	No. of Units	Cost/Unit	Total Cost
Contingencies (10 percent of labour and material)				33,926
**Tools discounted for 5 years				9,400
Land Charges per year				7,500
Supervision (15 percent of labour and material)				50,889
SUBTOTAL				101,715
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				440,975

Initial land clearing cost are not included given the wide variations present

Parish	Hanover
Crop	PUMPKIN
Crop Maturity	3 Months
Reaping Period	2 Months
Planting Distance (l x w)	
cm	300 x 300
inches	120 x 120
Plant Population	436
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	8,097
Cost of Production \$/Kg	\$32

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Furrowing	MD	10	2000	20,000
Planting	MD	5	2000	10,000
Pesticide Application	MD	5	2000	10,000
Weed Control	MD	10	2000	20,000
Fertilizer Application	MD	4	2000	8,000
Harvesting	MD	10	2000	20,000
Lunch		54	500	27,000
SUBTOTAL				135,000

Material Inputs	Unit	No. of Units	Cost/Unit	Total Cost
Planting Material	seed	20	200	4,000
Fertiliser:				
NPK 14-28-14	50 kg bag	5	5000	25,000
Ammonium Sulphate	50 kg bag	2	4800	9,600
Insecticide				
Caratrax	3.8 litre	1	6000	6,000
Cure	250 ml	2	3700	7,400
Fungicide				
Ridomil Gold	500 g	2	2800	5,600
Herbicide:				
Gai-Quat	litre	1	2300	2,300
SUBTOTAL				59,900

Other Costs				
Contingencies (10 percent of labour and material)				19,490
**Tools discounted for 5 years				8,400
Land Charges per crop cycle				7,500
Supervision (15 percent of labour and material)				29,235
SUBTOTAL				64,625
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				259,525

Initial land clearing cost are not included given the wide variations present

Parish	Hanover
Crop	YELLOW YAM
Crop Maturity	10 Months
Reaping Period	
Planting Distance (l x w)	
	cm
	inches
Plant Population	
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	6,883
Cost of Production \$/Kg	\$77

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	8	2000	16,000
Dig Holes	MD	20	2000	40,000
Prepare Planting Material	MD	1	2000	2,000
Planting/Make Mounds	MD	2	2000	4,000
Staking	MD	10	2000	20,000
Weed Control	MD	6	2000	12,000
Fertilizer Application	MD	3	2000	6,000
Harvesting	MD	9	2000	18,000
Lunch		59	500	29,500
SUBTOTAL				147,500

Material Inputs					
Planting Material	head (lbs)	2000		100	200,000
Stakes	(per 100)	1000		30	30,000
Fertiliser:					
NPK 14-28-14	50 kg	5		6000	30,000
SUBTOTAL					260,000

Other Costs					
Contingencies (10 percent of labour and material)					40,750
**Tools discounted for 5 years					9,400
Land Charges per year					10,000
Supervision (15 percent of labour and material)					61,125
SUBTOTAL					121,275
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					528,775

Initial land clearing cost are not included given the wide variations present

Parish	Manchester
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance (l x w)	
cm	Broadcast
inches	Broadcast
Plant Population	21780
Topography	Hilly Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,883
Cost of Production \$/Kg	\$40

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	8	2500	20,000
Ploughing	MD	8	2500	20,000
Planting	MD	2	2500	5,000
Pesticide Application	MD	6	2500	15,000
Weed Control	MD	6	2500	15,000
Fertilizer Application	MD	1	2500	2,500
Harvesting	MD	18	2500	45,000
Lunch		49	500	24,500
SUBTOTAL				147,000

Material Inputs	Unit	No. of Units	Cost/Unit	Total Cost
Planting Material	seed	8	3300	26,400
Fertiliser:				
NPK 17-0-17	50 kg	2	5400	10,800
20-20-20	lb	6	250	1,500
Insecticide				
Caprid	500 ml	2	4000	8,000
Fungicide				
Amistar	50 g	2	1700	3,400
Dithane	500 g	3	650	1,950
Herbicide:				
Glyphosate	litre	2	1200	2,400
Gai-Quat	litre	2	1100	2,200
Carzone	100 g	3	1100	3,300
SUBTOTAL				59,950

Other Costs				
Contingencies (10 percent of labour and material)				20,695
**Tools discounted for 5 years				9,400
Land Charges per year				6,000
Supervision (15 percent of labour and material)				31,043
SUBTOTAL				67,138
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				274,088

Initial land clearing cost are not included given the wide variations present

Parish	Manchester
Crop	SWEET YAM
Crop Maturity	8 Months
Reaping Period	8 Months
Planting Distance (l x w)	
cm	90 x 90
inches	36 x 36
Plant Population	4840
Topography	Hilly Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	7,287
Cost of Production \$/Kg	\$73

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	8	2000	16,000
Dig Holes	MD	10	2000	20,000
Prepare Planting Material	MD	2	2000	4,000
Planting/Mounding	MD	10	2000	20,000
Mulching	MD	3	2000	6,000
Staking	MD	10	2000	20,000
Weed Control	MD	20	2000	40,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	20	2000	40,000
Lunch		85	500	42,500
SUBTOTAL				212,500

Material Inputs					
Mulch	van load	3	3000		9,000
Planting Material	heads/lbs	2420	50		121,000
Stakes	each	4840	10		48,400
Fertiliser:					
NPK 14.28.14	50 kg	4	6000		24,000
Herbicide:					
Glyphosate	litre	1	1200		1,200
SUBTOTAL					203,600

Other Costs					
Contingencies (10 percent of labour and material)					41,610
**Tools discounted for 5 years					9,400
Land Charges per crop cycle					6,000
Supervision (15 percent of labour and material)					62,415
SUBTOTAL					119,425
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					535,525

Initial land clearing cost are not included given the wide variations present

Parish	Manchester
Crop	PEANUTS
Crop Maturity	4 Months
Reaping Period	6 Months
Planting Distance (l x w)	
cm	30 x 30
inches	12 x 12
Plant Population	43560
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	405
Cost of Production \$/Kg	\$597

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	6	2500	15,000
Ploughing	Job		10000	10,000
Planting & Moulding	MD	10	2500	25,000
Pesticide Application	MD	4	2500	10,000
Weed Control	MD	5	2500	12,500
Fertilizer Application	MD	3	2500	7,500
Harvesting	MD	10	2500	25,000
Lunch		38	500	19,000
SUBTOTAL				124,000

Material Inputs					
Planting Material	Bushels	7	4500		31,500
Fertiliser:					
NPK 14-28-14	50 kg	3	5800		17,400
Insecticide					
Caratraz	litre	1	2500		2,500
Fungicide					
Dithane	500 g	1	2500		2,500
Herbicide:					
Glyphosate	litre	3	1300		3,900
SUBTOTAL					57,800

Other Costs					
Contingencies (10 percent of labour and material)					18,180
**Tools discounted for 5 years					8,400
Land Charges per crop cycle					6,000
Supervision (15 percent of labour and material)					27,270
SUBTOTAL					59,850
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					241,650

Initial land clearing cost are not included given the wide variations present

Parish	Manchester
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	3 Months
Planting Distance (l x w)	
cm	60 x 30
inches	30 x 12
Plant Population	17424
Topography	Hilly Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	6,478
Cost of Production \$/Kg	\$75

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	5	2000	10,000
Ploughing	MD	8	2000	16,000
Furrowing	MD	10	2000	20,000
Moulding	MD	6	2000	12,000
Planting	MD	10	2000	20,000
Pesticide Application	MD	9	2000	18,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	18	2000	36,000
Lunch		68	500	34,000
SUBTOTAL				170,000

Material Inputs					
Planting Material	22.7Kg	20	6300		126,000
Fertiliser:					
NPK 11-22-22	50 kg	2	5800		11,600
NPK 14-28-14	50 kg	5	6000		30,000
Insecticide:					
Newmectin	100 ml	1	3000		3,000
Caratrax	250 ml	2	800		1,600
Fungicide:					
Dithane	500 g	10	800		8,000
Mancozeb	100 g	5	1000		5,000
Ridomil	500 g	5	2600		13,000
Herbicide:					
Glyphosate	5 litre	1	7000		7,000
SUBTOTAL					205,200

Other Costs					
Contingencies (10 percent of labour and material)					37,520
**Tools discounted for 5 years					9,400
Land Charges per year					6,000
Supervision (15 percent of labour and material)					56,280
SUBTOTAL					109,200
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					484,400

Initial land clearing cost are not included given the wide variations present

Parish	Manchester
Crop	SWEET POTATO
Crop Maturity	5 Months
Reaping Period	4 Months
Planting Distance (l x w)	
cm	30 x 30
inches	12 x 12
Plant Population	4840
Topography	Relatively Flat Land
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	8,097
Cost of Production \$/Kg	\$45

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	2500	5,000
Ploughing	MD	10	2500	25,000
Maintain Trenches	MD	2	2500	5,000
Moulding	MD	4	2500	10,000
Mulching	MD	4	2500	10,000
Planting	MD	6	2500	15,000
Pesticide Application	MD	4	2500	10,000
Weeding	MD	10	2500	25,000
Fertilizer Application	MD	2	2500	5,000
Harvesting	MD	20	2500	50,000
Lunch		64	500	32,000
SUBTOTAL				192,000

Material Inputs					
Mulch	van load	7	6000		42,000
Planting Material	slips	1	15000		15,000
Fertiliser:					
NPK 14-28-14	22.7 kg	5	3000		15,000
Insecticide					
Diazinon	litre	4	2000		8,000
Fungicide					
Mancozeb	100 g	6	1000		6,000
Herbicide:					
Gramoxone	litre	3	1300		3,900
SUBTOTAL					89,900

Other Costs					
Contingencies (10 percent of labour and material)					28,190
**Tools discounted for 5 years					9,400
Land Charges per year					6,000
Supervision (15 percent of labour and material)					42,285
SUBTOTAL					85,875
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					367,775

Initial land clearing cost are not included given the wide variations present

Parish	Manchester
Crop	YELLOW YAM
Crop Maturity	8 Months
Reaping Period	4 Months
Planting Distance (l x w)	
cm	
inches	36x36
Plant Population	4840
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	8,502
Cost of Production \$/Kg	\$66

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Dig Holes	MD	10	2500	25,000
Prepare Planting Material	MD	2	2500	5,000
Planting/Make Mounds	MD	18	2500	45,000
Staking	MD	10	2500	25,000
Pesticide Application	MD	2	2500	5,000
Weed Control	MD	18	2500	45,000
Fertilizer Application	MD	2	2500	5,000
Harvesting	MD	20	2500	50,000
Lunch		92	500	46,000
SUBTOTAL				276,000

Material Inputs	head (lbs)	2420	50	121,000
Planting Material	(per 100)	3	6000	18,000
Fertiliser:				
NPK 14-28-14	50 kg	3	6000	18,000
Insecticide				
Karate	500 ml	1	3000	3,000
Herbicide:				
Glyphosate	litre	2	1300	2,600
SUBTOTAL				162,600

Other Costs				43,860
Contingencies (10 percent of labour and material)				43,860
**Tools discounted for 5 years				9,400
Land Charges per year				6,000
Supervision (15 percent of labour and material)				65,790
SUBTOTAL				125,050
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				563,650

Initial land clearing cost are not included given the wide variations present

Parish	Manchester
Crop	CARROT
Crop Maturity	4 Months
Reaping Period	1 Week
Planting Distance (l x w)	Broadcasting
Plant Population	
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	6,883
Cost of Production \$/Kg	\$32

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	8	2000	16,000
Ploughing	MD	10	2000	20,000
Planting	MD	1	2000	2,000
Pesticide Application	MD	2	2000	4,000
Weed Control	MD	2	2000	4,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	20	2000	40,000
Lunch		45	500	22,500
SUBTOTAL				112,500

Material Inputs

Planting Material	tins	4	5000	20,000
Fertiliser:				
NPK 14.28.14	50 kg	3	6000	18,000
Fungicide:				
Dithane	500 g	12	900	10,800
Herbicide:				
Glyphosate	litre	2	1300	2,600
SUBTOTAL				51,400

Other Costs

Contingencies (10 percent of labour and material)				16,390
**Tools discounted for 5 years				9,400
Land Charges per crop cycle				6,000
Supervision (15 percent of labour and material)				24,585
SUBTOTAL				56,375
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				220,275

Initial land clearing cost are not included given the wide variations present

Parish	Manchester
Crop	RED PEAS
Crop Maturity	1.5 Months
Reaping Period	3 Months
Planting Distance (l x w)	24 x 24
Plant Population	10890
Topography	Relatively Flat Land
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	486
Cost of Production \$/Kg	\$415

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	5	2500	12,500
Ploughing	Tractor		15000	15,000
Planting	MD	4	2500	10,000
Pesticide Application	MD	8	2500	20,000
Weed Control	MD	4	2500	10,000
Fertilizer Application	MD	1	2500	2,500
Harvesting	MD	10	2500	25,000
Lunch		32	500	16,000
SUBTOTAL				111,000

Material Inputs

Planting Material	Quart	32	300	9,600
Fertiliser:				
NPK 14-28-14	50 kg	2	6000	12,000
Fungicide:				
Ridomil Gold	500 g	2	2800	5,600
Amistar	50 g	2	1800	3,600
Sulcox	250 g	2	600	1,200
Herbicide:				
Glyphosate	Gallon	1	4000	4,000
Paraquat	Litre	1	1800	1,800
SUBTOTAL				37,800

Other Costs

Contingencies (10 percent of labour and material)				14,880
**Tools discounted for 5 years				9,400
Land Charges per year				6,000
Supervision (15 percent of labour and material)				22,320
SUBTOTAL				52,600
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				201,400

Initial land clearing cost are not included given the wide variations present

Parish	Manchester
Crop	TOMATO
Crop Maturity	4 Months
Reaping Period	3 Months
Planting Distance (l x w)	
cm	90 x 90
inches	36 x 36
Plant Population	4840
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,971
Cost of Production \$/Kg	\$51

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	5	2500	12,500
Dig Holes	MD	8	2500	20,000
Maintain Trenches	MD	2	2500	5,000
Nursery Operation	MD	2	2500	5,000
Planting	MD	10	2500	25,000
Pesticide Application	MD	10	2500	25,000
Weed Control	MD	8	2500	20,000
Fertilizer Application	MD	4	2500	10,000
Harvesting	MD	20	2500	50,000
Lunch		69	500	34,500
SUBTOTAL				207,000

Material Inputs	Unit	No. of Units	Cost/Unit	Total Cost
Planting Material	seed	2	8500	17,000
Potting Mixture	bag	1	5600	5,600
Seed Trays	each	30	200	6,000
Fertiliser:				
NPK 11-22-22	50 kg	2	5800	11,600
Insecticide				
Caratraz	500 ml	1	1500	1,500
Caprid	500 ml	1	2800	2,800
Newmectin	100 ml	1	3000	3,000
Fungicide				
Dithane	500 g	12	900	10,800
Topsin	250 g	1	1800	1,800
Herbicide:				
Glyphosate	litre	2	1300	2,600
SUBTOTAL				62,700

Other Costs				
Contingencies (10 percent of labour and material)				26,970
**Tools discounted for 5 years				9,400
Land Charges per year				6,000
Supervision (15 percent of labour and material)				40,455
SUBTOTAL				82,825
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				352,525

Initial land clearing cost are not included given the wide variations present

Parish	Manchester
Crop	THYME
Crop Maturity	4 Months
Reaping Period	3 Months
Planting Distance (l x w)	
cm	90 x 90
inches	36 x 36
Plant Population	4840
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	1,012
Cost of Production \$/Kg	\$323

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	5	2500	12,500
Dig Holes	MD	8	2500	20,000
Maintain Trenches	MD	2	2500	5,000
Planting	MD	10	2500	25,000
Pesticide Application	MD	6	2500	15,000
Weed Control	MD	10	2500	25,000
Fertilizer Application	MD	4	2500	10,000
Harvesting	MD	15	2500	37,500
Lunch		60	500	30,000
SUBTOTAL				180,000

Material Inputs

Planting Material	Cuttings	500	70	35,000
Fertiliser:				
NPK 11-22-22	50 kg	2	5800	11,600
Insecticide				
Caratraz	500 ml	1	1500	1,500
Caprid	500 ml	1	2800	2,800
Newmectin	100 ml	1	3000	3,000
Fungicide				
Dithane	500 g	12	900	10,800
Topsin	250 g	1	1800	1,800
Herbicide:				
Gramoxone	litre	2	1300	2,600
SUBTOTAL				69,100

Other Costs

Contingencies (10 percent of labour and material)				24,910
**Tools discounted for 5 years				9,400
Land Charges per year				6,000
Supervision (15 percent of labour and material)				37,365
SUBTOTAL				77,675
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				326,775

Initial land clearing cost are not included given the wide variations present

Parish	Portland
Crop	DASHEEN
Crop Maturity	8 Months
Reaping Period	1 Month
Planting Distance (l x w)	
	90 x 60
	36 x 24
Planting Population	7260
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	7,692
Cost of Production \$/Kg	\$49

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Dig Holes	MD	8	2000	16,000
Planting	MD	6	2000	12,000
Pesticide Application	MD	2	2000	4,000
Weed Control	MD	6	2000	12,000
Fertiliser Application	MD	2	2000	4,000
Harvesting	MD	18	2000	36,000
Lunch		52	500	26,000
SUBTOTAL				130,000

Material Inputs

Planting Material	sucker	7000	15	105,000
Fertiliser:				
NPK 14-28-14	50 kg	6	5700	34,200
Urea	50 kg	1	5700	5,700
Insecticide:				
Engeo	250 ml	3	3000	9,000
Herbicide:				
Gramoxone	Gallon	1	4050	4,050
SUBTOTAL				157,950

Other Costs

Contingencies (10 percent of labour and material)				28,795
**Tools discounted for 5 years				9,400
Land Charges per year				5,000
Supervision (15 percent of labour and material)				43,193
SUBTOTAL				86,388
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				374,338

Initial land clearing cost are not included given the wide variations present

Parish	Portland
Crop	PUMPKIN
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance (l x w)	210 x 210 84 x 84
Plant Population	889
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	8,097
Cost of Production \$/Kg	\$26

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	8	2000	16,000
Ploughing	MD	8	2000	16,000
Furrowing	MD	6	2000	12,000
Maintaining Trenches	MD	2	2000	4,000
Planting	MD	4	2000	8,000
Pesticide Application	MD	6	2000	12,000
Weed Control	MD	3	2000	6,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	10	2000	20,000
Lunch		49	500	24,500
SUBTOTAL				122,500

Material Inputs	seed	1	2000	2,000
Fertiliser:				
NPK 15.5.35	50 kg	2	5500	11,000
Insecticide				
Caprid	250ml	4	1800	7,200
Caratrax	100 ml	4	670	2,680
Cure	250 ml	2	3500	7,000
Fungicide				
Mancozeb	100 g	2	600	1,200
Ridomil Gold	500 g	1	3200	3,200
Herbicide:				
Glyphosate	litre	1	1500	1,500
SUBTOTAL				35,780

Contingencies (10 percent of labour and material)				15,828
**Tools discounted for 5 years				9,400
Land Charges per crop cycle				5,000
Supervision (15 percent of labour and material)				23,742
SUBTOTAL				53,970
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				212,250

Initial land clearing cost are not included given the wide variations present

Parish	Portland
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Week
Planting Distance (l x w)	Broadcasting
Plant Population	
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	7,085
Cost of Production \$/Kg	\$34

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	8	2000	16,000
Ploughing	MD	10	2000	20,000
Planting	MD	1	2000	2,000
Maintaining Trenches	MD	2	2000	4,000
Weed Control	MD	6	2000	12,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	18	2000	36,000
Lunch		47	500	23,500
SUBTOTAL				117,500

Material Inputs

Planting Material	tin	2	12000	24,000
Fertiliser:				
NPK 11.22.22	50 kg	5	5600	28,000
Herbicide:				
Fusilade	litre	1	9000	9,000
Carzone	250 g	1	2000	2,000
Glyphosate	litre	2	1300	2,600
SUBTOTAL				65,600

Other Costs

Contingencies (10 percent of labour and material)				18,310
**Tools discounted for 5 years				9,400
Land Charges per crop cycle				5,000
Supervision (15 percent of labour and material)				27,465
SUBTOTAL				60,175
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				243,275

Initial land clearing cost are not included given the wide variations present

Parish	Portland
Crop	HOT PEPPER
Crop Maturity	3 Months
Reaping Period	9 Months
Planting Distance (l x w)	
	30 x 30
	12 x 12
Plant Population	
Topography	Relatively Flat
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	7,085
Cost of Production \$/Kg	\$81

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Dig Holes	MD	5	2000	10,000
Planting	MD	5	2000	10,000
Pesticide Application	MD	15	2000	30,000
Weed Control	MD	5	2000	10,000
Fertilizer Application	MD	3	2000	6,000
Harvesting	MD	80	2000	160,000
Lunch		123	500	61,500
SUBTOTAL				307,500

Material Inputs					
Planting Material	seedling	4500		8	36,000
Fertiliser:					
Pepper Starts	22.7 kg	6	2800		16,800
Pepper Growth	22.7 kg	6	2500		15,000
Pepper Production	22.7 kg	6	2200		13,200
Insecticide					
Caratrax	250 ml	6	700		4,200
Cure	250 ml	6	3500		21,000
Caprid	250 ml	6	1800		10,800
Fungicide					
Topsin	250 g	3	1800		5,400
Ridomil Gold	500 g	3	2600		7,800
Herbicide:					
Paraquat	litre	8	1300		10,400
SUBTOTAL					140,600

Other Costs					
Contingencies (10 percent of labour and material)					44,810
**Tools discounted for 5 years					9,400
Land Charges per crop cycle					5,000
Supervision (15 percent of labour and material)					67,215
SUBTOTAL					126,425
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					574,525

Initial land clearing cost are not included given the wide variations present

Parish	Portland
Crop	YELLOW YAM
Crop Maturity	9 Months
Reaping Period	
Planting Distance (l x w)	
	36x36
Plant Population	4840
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	7,692
Cost of Production \$/Kg	\$53

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Dig Holes	MD	10	2500	25,000
Prepare Planting Material	MD	2	2500	5,000
Planting/Make Mounds	MD	10	2500	25,000
Staking	MD	10	2500	25,000
Pesticide Application	MD	2	2500	5,000
Weed Control	MD	12	2500	30,000
Fertilizer Application	MD	2	2500	5,000
Harvesting	MD	14	2500	35,000
Lunch		72	500	36,000
SUBTOTAL				216,000

Material Inputs

Planting Material	head (lbs)	1200		50	60,000
Stakes	each	500		40	20,000
Fertiliser:					
NPK 14-28-14	50 kg	2		6000	12,000
Herbicide:					
Glyphosate	litre	2		1800	3,600
SUBTOTAL					95,600

Other Costs

Contingencies (10 percent of labour and material)				31,160
**Tools discounted for 5 years				9,400
Land Charges per year				5,000
Supervision (15 percent of labour and material)				46,740
SUBTOTAL				92,300
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				403,900

Initial land clearing cost are not included given the wide variations present

Parish	St. Andrew
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance (l x w)	
cm	30 x 30
inches	12 x 12
Plant Population	43560
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	6,478
Cost of Production \$/Kg	\$67

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	8	2000	16,000
Ploughing	MD	10	2000	20,000
Furrowing	MD	10	2000	20,000
Maintaining Trenches	MD	2	2000	4,000
Planting	MD	5	2000	10,000
Moulding	MD	4	2000	8,000
Pesticide Application	MD	12	2000	24,000
Weed Control	MD	8	2000	16,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	18	2000	36,000
Lunch		79	500	39,500
SUBTOTAL				197,500

Material Inputs	seed	2	7500	15,000
Fertiliser:				
NPK 11-22-22	50 kg	3	5800	17,400
Urea	50 kg	1	5000	5,000
Insecticide				
Xentari	454 g	4	4000	16,000
Cure	250 ml	4	3500	14,000
Pegasus	litre	4	16000	64,000
Fungicide				
Sancozeb	500 g	4	850	3,400
Herbicide:				
Glyphosate	litre	1	1500	1,500
SUBTOTAL				136,300

Contingencies (10 percent of labour and material)				33,380
**Tools discounted for 5 years				9,400
Land Charges per year				6,000
Supervision (15 percent of labour and material)				50,070
SUBTOTAL				98,850
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				432,650

Initial land clearing cost are not included given the wide variations present

Parish	St. Andrew
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	3 Months
Planting Distance (l x w)	
cm	30 x 30
inches	12 x 12
Plant Population	43560
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	5,668
Cost of Production \$/Kg	\$84

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	12	2000	24,000
Ploughing	MD	12	2000	24,000
Furrowing	MD	8	2000	16,000
Excavating Trenches	MD	6	2000	12,000
Moulding	MD	8	2000	16,000
Planting	MD	6	2000	12,000
Pesticide Application	MD	8	2000	16,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	18	2000	36,000
Lunch		80	500	40,000
SUBTOTAL				200,000

Material Inputs				
Planting Material	22.7Kg	20	5000	100,000
Fertiliser:				
Potato Starta	22.7kg	8	3000	24,000
Potato Finisha	22.7kg	8	3000	24,000
Fungicide				
Topsin	500 g	4	3500	14,000
Herbicide:				
Glyphosate	litre	4	1350	5,400
SUBTOTAL				167,400

Other Costs				
Contingencies (10 percent of labour and material)				36,740
**Tools discounted for 5 years				9,400
Land Charges per year				6,000
Supervision (15 percent of labour and material)				55,110
SUBTOTAL				107,250
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				474,650

Initial land clearing cost are not included given the wide variations present

Parish	St. Andrew
Crop	YELLOW YAM
Crop Maturity	11 Months
Reaping Period	
Planting Distance (l x w)	
cm	
inches	36 x 36
Plant Population	
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	6,883
Cost of Production \$/Kg	\$73

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Dig Holes	MD	12	2000	24,000
Prepare Planting Material	MD	2	2000	4,000
Planting/Make Mounds	MD	10	2000	20,000
Staking	MD	10	2000	20,000
Weed Control	MD	15	2000	30,000
Fertilizer Application	MD	4	2000	8,000
Harvesting	MD	20	2000	40,000
Lunch		83	500	41,500
SUBTOTAL				207,500

Material Inputs	head (lbs)	1500	70	105,000
Planting Material	each	1000	50	50,000
Fertiliser:				
NPK 14-28-14	50 kg	4	6000	24,000
Herbicide:				
Gramoxone	litre	2	1400	2,800
SUBTOTAL				181,800

Other Costs				
Contingencies (10 percent of labour and material)				38,930
**Tools discounted for 5 years				9,400
Land Charges per year				6,000
Supervision (15 percent of labour and material)				58,395
SUBTOTAL				112,725
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				502,025

Initial land clearing cost are not included given the wide variations present

Parish	St. Andrew
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Week
Planting Distance (l x w)	Broadcasting
Plant Population	
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	6,478
Cost of Production \$/Kg	\$40

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Ploughing	MD	12	2000	24,000
Maintain Trenches	MD	3	2000	6,000
Planting	MD	1	2000	2,000
Pesticide Application	MD	4	2000	8,000
Weed Control	MD	6	2000	12,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	18	2000	36,000
Lunch		56	500	28,000
SUBTOTAL				140,000

Material Inputs

Planting Material	Pack	2	4500	9,000
Fertiliser:				
NPK 14.28.14	50 kg	6	6000	36,000
Insecticide:				
Caprid	500 ml	2	3000	6,000
Herbicide:				
Glyphosate	litre	2	1300	2,600
SUBTOTAL				53,600

Other Costs

Contingencies (10 percent of labour and material)				19,360
**Tools discounted for 5 years				9,400
Land Charges per crop cycle				6,000
Supervision (15 percent of labour and material)				29,040
SUBTOTAL				63,800
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				257,400

Initial land clearing cost are not included given the wide variations present

Parish	Trelawny
Crop	PAW-PAW
Crop Maturity	8 Months
Reaping Period	24 Months
Planting Distance (l x w)	
cm	180 x 180
inches	72 x 72
Plant Population	1210
Topography	Hilly Land
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	10,121
Cost of Production \$/Kg	\$55

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	6	2500	15,000
Ploughing	Tractor		15000	15,000
Harrowing	Tractor		10000	10,000
Furrowing	Tractor		10000	10,000
Maintainig Trenches	MD	6	2500	15,000
Irrigation Installation	MD	6	2500	15,000
Planting	MD	9	2500	22,500
Pesticide Application	MD	8	2500	20,000
Weed Control	MD	12	2500	30,000
Fertilizer Application	MD	9	2500	22,500
Harvesting	MD	30	2500	75,000
Lunch		86	500	43,000
SUBTOTAL				293,000

Material Inputs

Planting Material	seed	1200	10	12,000
Water	monthly	32	2500	80,000
Fertiliser:				
NPK 11-22-22	50 kg bag	2	5000	10,000
NPK 15-5-35	50 kg bag	1	5000	5,000
Urea	50 kg bag	1	5000	5,000
Insecticide				
Cure	250 ml	2	3700	7,400
Caprid	litre	1	6000	6,000
Diazinon	litre	1	2100	2,100
Fungicide				
Mancozeb	100 g	3	800	2,400
Ridomil Gold	500 g	1	2800	2,800
Trivia	500 g	1	3200	3,200
Herbicide:				
Glyphosate	gallon	1	4000	4,000
SUBTOTAL				139,900

Other Costs

Contingencies (10 percent of labour and material)				43,290
**Tools discounted for 5 years				9,400
Land Charges per year				5,000
Supervision (15 percent of labour and material)				64,935
SUBTOTAL				122,625
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				555,525

Initial land clearing cost are not included given the wide variations present

Parish	Trelawny
Crop	SWEET YAM
Crop Maturity	12 Months
Reaping Period	8 Months
Planting Distance (l x w)	
cm	60 x 60
inches	24 x 24
Plant Population	10890
Topography	Hilly Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	6,073
Cost of Production \$/Kg	\$107

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Dig Holes	MD	10	2000	20,000
Excavating Trenches	MD	4	2000	8,000
Planting/Mounding	MD	4	2000	8,000
Staking	MD	5	2000	10,000
Weed Control	MD	10	2000	20,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	15	2000	30,000
Lunch		60	500	30,000
SUBTOTAL				150,000

Material Inputs					
Planting Material	heads/lbs	3400		75	255,000
Stakes		3400		15	51,000
Fertiliser:					
NPK 14.28.14	50 kg	5		5400	27,000
Ammonium Sulphate	50 kg	2		4000	8,000
Insecticide					
Slug Bait	600 g	5		2000	10,000
Fungicide					
Topsin	250 g	4		1450	5,800
Herbicide:					
Glyphosate	litre	1		1500	1,500
SUBTOTAL					358,300

Other Costs					
Contingencies (10 percent of labour and material)					50,830
**Tools discounted for 5 years					9,400
Land Charges per crop cycle					8,000
Supervision (15 percent of labour and material)					76,245
SUBTOTAL					144,475
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					652,775

Initial land clearing cost are not included given the wide variations present

Parish	Trelawny
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance (l x w)	
cm	60 x 30
inches	30 x 12
Plant Population	17424
Topography	Hilly Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,478
Cost of Production \$/Kg	\$80

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	6	2500	15,000
Ploughing	MD	10	2500	25,000
Furrowing	MD	5	2500	12,500
Excavating Trenches	MD	4	2500	10,000
Moulding	MD	10	2500	25,000
Planting	MD	4	2500	10,000
Pesticide Application	MD	12	2500	30,000
Fertilizer Application	MD	2	2500	5,000
Harvesting	MD	15	2500	37,500
Lunch		68	500	34,000
SUBTOTAL				204,000

Material Inputs					
Planting Material	22.7Kg	18	5500		99,000
Fertiliser:					
NPK 14-28-14	50 kg	8	5400		43,200
Insecticide					
Newmectin	100 ml	1	3000		3,000
Caratrax	250 ml	2	800		1,600
Fungicide					
Dithane	500 g	10	850		8,500
Mancozeb	100 g	4	900		3,600
Ridomil	500 g	3	5000		15,000
Consento	250 ml	4	6000		24,000
SUBTOTAL					197,900

Other Costs					
Contingencies (10 percent of labour and material)					40,190
**Tools discounted for 5 years					9,400
Land Charges per year					8,000
Supervision (15 percent of labour and material)					60,285
SUBTOTAL					117,875
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					519,775

Initial land clearing cost are not included given the wide variations present

Parish	Trelawny
Crop	CARROT
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance (l x w)	Broadcasting
Plant Population	
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,478
Cost of Production \$/Kg	\$46

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Ploughing	MD	10	2500	25,000
Planting	MD	1	2500	2,500
Maintaining Trenches	MD	4	2500	10,000
Pesticide Application	MD	2	2500	5,000
Weed Control	MD	6	2500	15,000
Fertilizer Application	MD	2	2500	5,000
Harvesting	MD	18	2500	45,000
Lunch		53	500	26,500
SUBTOTAL				159,000

Material Inputs					
Planting Material	tins	2	16000		32,000
Fertiliser:					
NPK 14.28.14	50 kg	4	6000		24,000
Insecticide:					
Karate	250 ml	1	1800		1,800
Fungicide					
Dithane	500 g	1	1200		1,200
Ridomil Gold	500 g	2	2400		4,800
Herbicide:					
Glyphosate	litre	2	1300		2,600
SUBTOTAL					66,400

Other Costs					
Contingencies (10 percent of labour and material)					22,540
**Tools discounted for 5 years					9,400
Land Charges per crop cycle					8,000
Supervision (15 percent of labour and material)					33,810
SUBTOTAL					73,750
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					299,150

Initial land clearing cost are not included given the wide variations present

Parish	Trelawny				
Crop	YELLOW YAM				
Crop Maturity	1 Year				
Reaping Period	4 Months				
Planting Distance (l x w)					
	cm				
	inches	24x18			
Plant Population					
Topography	Relatively Flat Land				
Land Preparation	Manual				
Irrigated/Rain fed	Rainfed				
Area	0.4 hectare				
Man-day Charge (excluding lunch)	\$2,500				
Projected Marketable Yield (Kg)	6,883				
Cost of Production \$/Kg	\$65				

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	8	2500	20,000
Dig Holes	MD	10	2500	25,000
Prepare Planting Material	MD	2	2500	5,000
Mounds	MD	10	2500	25,000
Planting	MD	3	2500	7,500
Staking	MD	8	2500	20,000
Pesticide Application	MD	2	2500	5,000
Weed Control	MD	8	2500	20,000
Fertilizer Application	MD	2	2500	5,000
Harvesting	MD	18	2500	45,000
Lunch		71	500	35,500
SUBTOTAL				213,000

Material Inputs					
Planting Material	head (lbs)	2000		30	60,000
Stakes		1		50000	50,000
Fertiliser:					
NPK 14-28-14	50 kg	3		6000	18,000
SUBTOTAL					128,000

Other Costs					
Contingencies (10 percent of labour and material)					34,100
**Tools discounted for 5 years					9,400
Land Charges per year					10,000
Supervision (15 percent of labour and material)					51,150
SUBTOTAL					104,650
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					445,650

Initial land clearing cost are not included given the wide variations present

Parish	St. Catherine
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance (l x w)	
	cm 30 x 30
	inches 12 x 12
Plant Population	10890
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Lunch	\$500
Projected Marketable Yield (Kg)	10,121
Cost of Production \$/Kg	\$49

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Dig Holes	MD	10	2500	25,000
Nursery Operations	MD	2	2500	5,000
Transplanting	MD	12	2500	30,000
Moulding	MD	10	2500	25,000
Pesticide Application	MD	8	2500	20,000
Weeding	MD	12	2500	30,000
Fertilising	MD	2	2500	5,000
Harvesting	MD	28	2500	70,000
Lunch		94	500	47,000
SUBTOTAL				282,000

Material Inputs						
Planting Material	pack	5	4700		23,500	
Water	month	2	10000		20,000	
Fertiliser:						
NPK 11-22-22	50 kg bag	4	5000		20,000	
20.20.20	Pound	16	200		3,200	
Insecticide:						
Karate	500 ml	4	2500		10,000	
Newmectin	500 ml	4	2500		10,000	
Fungicide:						
Mancozeb	100 g	5	1100		5,500	
Herbicide:						
Gramoxone	litre	5	1800		9,000	
SUBTOTAL					101,200	

Other Costs					
Contingencies (10 percent of labour and material)					38,320
**Tools discounted for 5 years					9,400
Land Charges per year					6,000
Supervision (15 percent of labour and material)					57,480
SUBTOTAL					111,200
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					494,400

Initial land clearing cost are not included given the wide variations present

Parish	St. Catherine
Crop	CALLALOO
Crop Maturity	1.5 Months
Reaping Period	4 Month
Planting Distance (l x w)	
	cm 60 x 30
	inches 24 x 12
Planting Population	21780
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	10,931
Cost of Production \$/Kg	\$31

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Ploughing	MD	8	2000	16,000
Nursery Operation	MD	4	2000	8,000
Transplanting	MD	6	2000	12,000
Pesticide Application	MD	8	2000	16,000
Weed Control	MD	6	2000	12,000
Fertilising	MD	4	2000	8,000
Harvesting	MD	30	2000	60,000
Lunch		76	500	38,000
SUBTOTAL				190,000

Material Inputs						
Planting Material	seeds	1	6500		6,500	
Water	monthly	6	1500		9,000	
Fertiliser:						
NPK 11-22-22	50 kg bag	2	5400		10,800	
Urea	50 kg bag	2	6000		12,000	
Insecticide:						
Flash	500 ml	2	1500		3,000	
Cure	250 ml	1	4200		4,200	
Diazinon	litre	1	3500		3,500	
Malathion	litre	1	2500		2,500	
Herbicide:						
Glyphosate	5 litre	1	6300		6,300	
SUBTOTAL					57,800	

Other Costs					
Contingencies (10 percent of labour and material)					24780
**Tools discounted for 5 years					9400
Land Charges per year					15000
Supervision (15 percent of labour and material)					37170
SUBTOTAL					\$86,350
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					\$334,150

Initial land clearing cost are not included given the wide variations present

Parish	St. Catherine
Crop	HOT PEPPER
Crop Maturity	3 Months
Reaping Period	9 Months
Planting Distance in (l x w)	
Planting Population	
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	8,097
Cost of Production \$/Kg	\$77

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Dig Holes	MD	15	2000	30,000
Nursery Operation	MD	3	2000	6,000
Planting	MD	8	2000	16,000
Pesticide Application	MD	16	2000	32,000
Weeding	MD	20	2000	40,000
Fertilising	MD	5	2000	10,000
Harvesting	MD	80	2000	160,000
Lunch		157	500	78,500
SUBTOTAL				392,500

Material Inputs

Planting Material	pack	10	2000	20,000
Fertiliser:				
NPK 11-22-22	50 kg	4	5800	23,200
Ammonium Sulphate	50 kg	3	5600	16,800
Insecticide:				
Karate	500 ml	10	2500	25,000
Herbicide:				
Gai-Quat	litre	3	2000	6,000
SUBTOTAL				91,000

Other Costs

Contingencies (10 percent of labour and material)				48,350
**Tools discounted for 5 years				9,400
Land Charges per year				6,000
Supervision (10 percent of labour and material)				72,525
SUBTOTAL				136,275
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				619,775

Initial land clearing cost are not included given the wide variations present

Parish	St. Catherine
Crop	ONION
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance (l x w)	
	cm
	inches
Planting Population	
Topography	Relatively Flat Land
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	7,287
Cost of Production \$/Kg	\$60

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	2000	4,000
Ploughing	Tractor		20000	20,000
Harrowing	Tractor		10000	10,000
Furrowing	Tractor		8500	8,500
Planting	MD	2	2000	4,000
Irrigation Installation	MD	2	2000	4,000
Pesticide Application	MD	16	2000	32,000
Weeding	MD	6	2000	12,000
Fertilizer Application	MD	4	2000	8,000
Harvesting	MD	16	2000	32,000
Lunch		48	500	24,000
SUBTOTAL				158,500

Material Inputs	Unit	No. of Units	Cost/Unit	Total Cost
Planting Material	pack	4	8500	34,000
Fertiliser:				
NPK 11-22-22	50 kg	2	6000	12,000
Urea	50 kg	2	6000	12,000
Insecticide:				
Caprid	500 ml	2	4500	9,000
Caratraz	litre	2	4000	8,000
Indox	120 ml	4	4000	16,000
Diazinon	litre	2	3000	6,000
Fungicide:				
Ridomil Gold	500 g	4	3500	14,000
Bravo	litre	4	4000	16,000
Sulcox	1 kg	4	3000	12,000
Herbicide:				
Dacthal	litre	4	9200	36,800
Pilargola	litre	2	2000	4,000
SUBTOTAL				179,800

Other Costs				
Contingencies (10 percent of labour and material)				33,830
**Tools discounted for 5 years				9,400
Land Charges per year				6,000
Supervision (15 percent of labour and material)				50,745
SUBTOTAL				99,975
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				438,275

Initial land clearing cost are not included given the wide variations present

Parish	St. Catherine
Crop	PUMPKIN
Crop Maturity	4 Months
Reaping Period	2 Months
Planting Distance (l x w)	
	cm 150 x 150
	inches 60 x 60
Plant Population	1742
Topography	Relatively Flat Land
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	9,717
Cost of Production \$/Kg	\$28

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	6	2000	12,000
Ploughing	Tractor		9000	9,000
Furrowing	Tractor		6000	6,000
Planting	MD	4	2000	8,000
Moulding	MD	4	2000	8,000
Pesticide Application	MD	6	2000	12,000
Weeding	MD	14	2000	28,000
Fertilising	MD	4	2000	8,000
Harvesting	MD	10	2000	20,000
Lunch		48	500	24,000
SUBTOTAL				135,000

Material Inputs					
Planting Material	seeds	1	3000		3,000
Water	month	5	4000		20,000
Fertiliser:					
NPK 11-22-22	50 kg	2	6000		12,000
Ammonium Sulphate	50 kg	2	4000		8,000
Insecticide:					
Caratrax	250ml	2	850		1,700
Caprid	250 ml	1	1500		1,500
Cure	120ml	1	1500		1,500
Fungicide:					
Ridomil	500 g	2	2800		5,600
Mancozeb	100 g	2	800		1,600
Herbicide:					
Glyphosate	Gallon	1	5000		5,000
SUBTOTAL					59,900

Other Costs					
Contingencies (10 percent of labour and material)					19,490
**Tools discounted for 5 years					9,400
Land Charges per year					15,000
Supervision (15 percent of labour and material)					29,235
SUBTOTAL					73,125
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					268,025

Initial land clearing cost are not included given the wide variations present

Parish	St. Catherine
Crop	SWEET POTATO
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance (l x w)	
	cm 60 x60
	inches 24 x 24
Plant Population	21780
Topography	Relatively Flat Land
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	6,883
Cost of Production \$/Kg	\$33

Labour Operations	Unit	No. of Units	Cost/Unit		Total Cost
Land Clearing	MD	2	2000		4,000
Ploughing	Tractor		9000		9,000
Harrowing	Tractor		4500		4,500
Furrowing	Tractor		4500		4,500
Planting	MD	4	2000		8,000
Moulding	MD	6	2000		12,000
Pesticide Application	MD	5	2000		10,000
Weeding	MD	6	2000		12,000
Fertilising	MD	1	2000		2,000
Harvesting	MD	10	2000		20,000
Lunch		34	500		17,000
SUBTOTAL					103,000

Material Inputs

Planting Material	slips	9000		5	45,000
Fertiliser:					
NPK 11-22-22	50 kg	2	6000		12,000
Insecticide:					
Dimethoate	litre	2	3000		6,000
Diazinon	litre	1	3000		3,000
Herbicide:					
Paraquat	litre	2	1500		3,000
SUBTOTAL					69,000

Other Costs

Contingencies (10 percent of labour and material)				17,200
**Tools discounted for 5 years				9,400
Land Charges per year				6,000
Supervision (15 percent of labour and material)				25,800
SUBTOTAL				58,400
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				230,400

Initial land clearing cost are not included given the wide variations present

Parish	St. Elizabeth
Crop	CALLALOO
Crop Maturity	2 Months
Reaping Period	4 Month
Planting Distance (l x w)	
cm	30 x 60
inches	12 x 24
Plant Population	21780
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,073
Cost of Production \$/Kg	\$63

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Ploughing	MD	10	2500	25,000
Furrowing	MD	8	2500	20,000
Nursery Operation	MD	2	2500	5,000
Transplanting	MD	6	2500	15,000
Pesticide Application	MD	6	2500	15,000
Weed Control	MD	15	2500	37,500
Fertilizer Application	MD	4	2500	10,000
Harvesting	MD	15	2500	37,500
Lunch		76	500	38,000
SUBTOTAL				228,000

Material Inputs	seed	1	2500	2,500
Water	monthly	6	2500	15,000
Fertiliser:				
NPK 11-22-22	50 kg bag	2	5500	11,000
Ammonium Sulphate	50 kg bag	2	4600	9,200
Insecticide				
Indox	250 ml	2	2400	4,800
Karate	250 ml	2	1200	2,400
Pegasus	250 ml	1	2500	2,500
Fungicide				
Bellis	50 g	2	1300	2,600
Amistar	50 g	1	2200	2,200
Mancozeb	100 g	4	750	3,000
Herbicide:				
Glyphosate		2	3800	7,600
SUBTOTAL				62,800

Contingencies (10 percent of labour and material)				29,080
**Tools discounted for 5 years				9,400
Land Charges per year				9,000
Supervision (15 percent of labour and material)				43,620
SUBTOTAL				91,100
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				381,900

Initial land clearing cost are not included given the wide variations present

Parish	St. Elizabeth
Crop	ONION
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance (l x w)	
	cm
	inches
Plant Population	Broadcast
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	6,883
Cost of Production \$/Kg	\$75

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Planting	MD	5	2000	10,000
Cut/Spread Mulch	MD	10	2000	20,000
Pesticide Application	MD	6	2000	12,000
Weed Control	MD	20	2000	40,000
Fertilizer Application	MD	3	2000	6,000
Harvesting	MD	20	2000	40,000
Lunch		74	500	37,000
SUBTOTAL				185,000

Material Inputs	Unit	No. of Units	Cost/Unit	Total Cost
Mulch	Per Square	10	3000	30,000
Planting Material	seed	6	8500	51,000
Water	monthly	4	3500	14,000
Fertiliser:				
NPK 11-22-22	50 kg bag	3	5390	16,170
NPK 15-5-35	50 kg bag	3	6000	18,000
Insecticide				
Xentari	454 g	18	2500	45,000
Tracer	50 ml	18	1250	22,500
Fungicide				
Mancozeb	100 g	10	750	7,500
Herbicide:				
Pilargola	litre	2	2000	4,000
Gai-Quat	litre	5	1060	5,300
SUBTOTAL				213,470

Other Costs					
Contingencies (10 percent of labour and material)					39,847
**Tools discounted for 5 years					9,400
Land Charges per crop cycle					9,000
Supervision (15 percent of labour and material)					59,771
SUBTOTAL					118,018
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					516,488

Initial land clearing cost are not included given the wide variations present

Parish	St. Elizabeth
Crop	PEANUTS
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance (l x w)	
cm	Broadcast
inches	
Plant Population	
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	486
Cost of Production \$/Kg	\$506

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Maintaining Trenches	MD	2	2000	4,000
Planting	MD	1	2000	2,000
Pesticide Application	MD	6	2000	12,000
Weed Control	MD	5	2000	10,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	15	2000	30,000
Lunch		41	500	20,500
SUBTOTAL				102,500

Material Inputs

Planting Material	bushels	10	4000	40,000
Fertiliser:				
NPK 14-28-14	50 kg bag	2	5500	11,000
NPK 11-22-22	50 kg bag	1	5500	5,500
Insecticide				
Caratraz	250 ml	2	3000	6,000
Malathion	500 ml	1	1000	1,000
Fungicide				
Champion	lb	1	2500	2,500
Dithane	500 g	12	850	10,200
Herbicide:				
Glyphosate	litre	3	1300	3,900
SUBTOTAL				80,100

Other Costs

Contingencies (10 percent of labour and material)				18,260
**Tools discounted for 5 years				8,400
Land Charges per crop cycle				9,000
Supervision (15 percent of labour and material)				27,390
SUBTOTAL				63,050
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				245,650

Initial land clearing cost are not included given the wide variations present

Parish	St. Elizabeth
Crop	PUMPKIN
Crop Maturity	3 Months
Reaping Period	2 Months
Planting Distance (l x w)	
cm	60 x 30
inches	30 x 12
Plant Population	17424
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	7,287
Cost of Production \$/Kg	\$26

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	8	2000	16,000.00
Ploughing	Tractor		10000	10,000.00
Moulding	MD	2	2000	4,000.00
Planting	MD	2	2000	4,000.00
Pesticide Application	MD	10	2000	20,000.00
Weed Control	MD	2	2000	4,000.00
Fertilizer Application	MD	2	2000	4,000.00
Harvesting	MD	12	2000	24,000.00
Lunch		38	500	19,000.00
SUBTOTAL				105,000.00

Material Inputs	Pack	2	1700	3,400.00
Fertiliser:				
NPK 15-5-35	50 Kg	2	5100	10,200.00
Fowl Manure		10	200	2,000.00
Insecticide				
Caprid	litre	2	7000	14,000.00
Malathion	litre	2	1700	3,400.00
Fungicide				
Champion	lb	1	1200	1,200.00
Herbicide:				
Paraquat	Gallon	1	3500	3,500.00
SUBTOTAL				37,700.00

Contingencies (10 percent of labour and material)				14,270.00
**Tools discounted for 5 years				9,400.00
Land Charges per year				5,000.00
Supervision (15 percent of labour and material)				21,405.00
SUBTOTAL				50,075.00
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				192,775.00

Initial land clearing cost are not included given the wide variations present

Parish	St. Elizabeth
Crop	PINEAPPLE
Crop Maturity	12 Months
Reaping Period	4 Months
Planting Distance (l x w)	
cm	
inches	24 x48
Plant Population	5445
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	7,895
Cost of Production \$/Kg	\$71

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	12	2500	30,000
Furrowing	MD	10	2500	25,000
Maintaining Treches	MD	2	2500	5,000
Prepare Planting Material	MD	2	2500	5,000
Planting	MD	6	2500	15,000
Pesticide Application	MD	4	2500	10,000
Weed Control	MD	12	2500	30,000
Fertilizer Application	MD	4	2500	10,000
Harvesting	MD	20	2500	50,000
Lunch		72	500	36,000
SUBTOTAL				216,000

Material Inputs					
Planting Material	suckers	5500		30	165,000
Fertiliser:					
NPK 15-5-35	50 Kg	4		5390	21,560
Ammonium Sulphate	50 Kg	3		5290	15,870
Insecticide					
Sevin	lb	4		1200	4,800
Herbicide:					
Diuron	litre	3		2300	6,900
Karmex	1 kg	1		1000	1,000
SUBTOTAL					215,130

Other Costs					
Contingencies (10 percent of labour and material)					43,113
**Tools discounted for 5 years					9,400
Land Charges per year					9,000
Supervision (15 percent of labour and material)					64,670
SUBTOTAL					126,183
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					557,313

Initial land clearing cost are not included given the wide variations present

Parish	St. Elizabeth
Crop	PAW-PAW
Crop Maturity	9 Months
Reaping Period	36 Months
Planting Distance (l x w)	210 x 210
Plant Population	
Topography	Relatively Flat Land
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	8,097
Cost of Production \$/Kg	\$49

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	15	2000	30,000
Ploughing	Tractor		10000	10,000
Furrowing	Tractor		10000	10,000
Nursery Operations	MD	3	2000	6,000
Planting	MD	8	2000	16,000
Pesticide Application	MD	10	2000	20,000
Fertilizer Application	MD	18	2000	36,000
Harvesting	MD	10	2000	20,000
Lunch		64	500	32,000
SUBTOTAL				180,000

Material Inputs					
Planting Material	Seedling	1000	15		15,000
Potting Mixture	bag	3	4000		12,000
Seed trays	each	30	250		7,500
Fertiliser:					
NPK 15.5.35	50 kg	8	5600		44,800
Insecticide					
Sevins	lb	12	850		10,200
Caratraz	250 ml	10	850		8,500
Fungicide:					
Champion	1/2 lb	10	950		9,500
Mancozeb	100 g	10	750		7,500
Herbicide:					
Glyphosate	litre	4	1300		5,200
SUBTOTAL					120,200

Other Costs					
Contingencies (10 percent of labour and material)					30,020
**Tools discounted for 5 years					9,400
Land Charges per crop cycle					10,000
Supervision (15 percent of labour and material)					45,030
SUBTOTAL					94,450
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					394,650

Initial land clearing cost are not included given the wide variations present

Parish	St. Elizabeth
Crop	CUCUMBER
Crop Maturity	1.5 Months
Reaping Period	3 Months
Planting Distance (l x w)	36 x 24
Plant Population	7260
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	7,692
Cost of Production \$/Kg	\$68

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Cut/Spread Mulch	Job		30000	30,000
Planting	MD	6	2500	15,000
Pesticide Application	MD	10	2500	25,000
Weed Control	MD	10	2500	25,000
Fertilizer Application	MD	6	2500	15,000
Harvesting	MD	12	2500	30,000
Lunch		54	500	27,000
SUBTOTAL				192,000

Material Inputs

Mulch		1	70000	70,000
Planting Material	seed	2	7800	15,600
Water	monthly	4	9000	36,000
Fertiliser:				
NPK 11-22-22	50 kg	2	5600	11,200
NPK 15-5-35	50 kg	2	5600	11,200
Insecticide:				
Caprid	litre	1	10000	10,000
Newmectin	250 ml	4	5500	22,000
Pegasus	litre	1	14000	14,000
Fungicide:				
Ridomil Gold	litre	5	2500	12,500
Dithane	pack	2	750	1,500
Herbicide:				
Gramaxone	Gallon	1	7000	7,000
SUBTOTAL				211,000

Other Costs

Contingencies (10 percent of labour and material)				40,300
**Tools discounted for 5 years				9,400
Land Charges per year				9,000
Supervision (15 percent of labour and material)				60,450
SUBTOTAL				119,150
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				522,150

Initial land clearing cost are not included given the wide variations present

Parish	St. Elizabeth
Crop	TOMATO
Crop Maturity	3 Months
Reaping Period	3 Months
Planting Distance (l x w)	
cm	90 x 90
inches	36 x 36
Plant Population	4840
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	10,141
Cost of Production \$/Kg	\$71

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	4	2500	10,000
Nursery Operation	MD	2	2500	5,000
Cut/Spread Mulch	MD	4	2500	10,000
Planting	MD	5	2500	12,500
Pesticide Application	MD	16	2500	40,000
Weed Control	MD	6	2500	15,000
Fertilizer Application	MD	2	2500	5,000
Harvesting	MD	96	2500	240,000
Lunch		135	500	67,500
SUBTOTAL				405,000

Material Inputs					
Mulch		1	60000		60,000
Planting Material	seed	2	7000		14,000
Potting Mixture	bag	1	6500		6,500
Seed Trays	each	30	250		7,500
Fertiliser:					
NPK 15.5.35	50 kg	6	5800		34,800
Insecticide					
Newmectin	100 ml	1	3200		3,200
Fungicide					
Serenade	litre	1	2800		2,800
Bellis	50 g	25	1200		30,000
Herbicide:					
Glyphosate	litre	2	1300		2,600
SUBTOTAL					161,400

Other Costs					
Contingencies (10 percent of labour and material)					56,640
**Tools discounted for 5 years					9,400
Land Charges per year					7,000
Supervision (15 percent of labour and material)					84,960
SUBTOTAL					158,000
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					724,400

Initial land clearing cost are not included given the wide variations present

Parish	St. Elizabeth
Crop	THYME
Crop Maturity	3 Months
Reaping Period	6 Weeks
Planting Distance (l x w)	
cm	90 x 90
inches	36 x 36
Plant Population	4840
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	2,227
Cost of Production \$/Kg	\$368

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Cut/Spread Mulch	MD	10	2500	25,000
Planting	MD	20	2500	50,000
Pesticide Application	MD	5	2500	12,500
Weed Control	MD	15	2500	37,500
Fertilizer Application	MD	2	2500	5,000
Harvesting	MD	40	2500	100,000
Lunch		102	500	51,000
SUBTOTAL				306,000

Material Inputs				
Mulching		1	32000	32,000
Planting Material	lbs	1000	250	250,000
Fertiliser:				
NPK 11-22-22	50 kg	4	6000	24,000
Ammonium Sulphate	50 kg	3	4000	12,000
Insecticide				
Caratraz	250 ml	1	1000	1,000
Karate	250 ml	1	1500	1,500
Cure	125 ml	1	3000	3,000
Fungicide				
Amistar	50 g	5	1800	9,000
Herbicide:				
Glyphosate	litre	2	1300	2,600
SUBTOTAL				335,100

Other Costs				
Contingencies (10 percent of labour and material)				64,110
**Tools discounted for 5 years				9,400
Land Charges per year				9,000
Supervision (15 percent of labour and material)				96,165
SUBTOTAL				178,675
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				819,775

Initial land clearing cost are not included given the wide variations present

Parish	St. Elizabeth
Crop	SWEET POTATO
Crop Maturity	4 Months
Reaping Period	2 Months
Planting Distance (l x w)	
cm	30 x 30
inches	12 x 12
Plant Population	4840
Topography	Relatively Flat Land
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	6,478
Cost of Production \$/Kg	\$35

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	2000	4,000
Ploughing	Tractor		12000	12,000
Furrowing	Tractor		7500	7,500
Moulding	MD	4	2000	8,000
Planting	MD	5	2000	10,000
Pesticide Application	MD	5	2000	10,000
Weeding	MD	7	2000	14,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	10	2000	20,000
Lunch		35	500	17,500
SUBTOTAL				107,000

Material Inputs					
Planting Material	slips	8000		3	24,000
Fertiliser:					
NPK 14-28-14	22.7 kg	4	6000		24,000
Insecticide					
Caratrax	litre	2	3500		7,000
Fungicide					
Mancozeb	100 g	5	900		4,500
Herbicide:					
Gramoxone	litre	2	1200		2,400
SUBTOTAL					61,900

Other Costs					
Contingencies (10 percent of labour and material)					16,890
**Tools discounted for 5 years					9,400
Land Charges per year					9,000
Supervision (15 percent of labour and material)					25,335
SUBTOTAL					60,625
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					229,525

Initial land clearing cost are not included given the wide variations present

Parish	St. Elizabeth
Crop	RED PEAS
Crop Maturity	3 Months
Reaping Period	1 Week
Planting Distance (l x w)	
cm	30 x 30
inches	12 x 12
Plant Population	
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	415
Cost of Production \$/Kg	\$418

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	6	2000	12,000
Ploughing	MD	6	2000	12,000
Moulding	MD	6	2000	12,000
Planting	MD	2	2000	4,000
Pesticide Application	MD	2	2000	4,000
Weeding	MD	6	2000	12,000
Fertilising	MD	2	2000	4,000
Harvesting	MD	8	2000	16,000
Lunch		38	500	19,000
SUBTOTAL				95,000

Material Inputs

Planting Material	Quart	32	300	9,600
Fertiliser:				
NPK 14-28-14	50 kg	2	6000	12,000
Fungicide:				
Dithane	500 g	3	900	2,700
Herbicide:				
Glyphosate	litre	2	1050	2,100
SUBTOTAL				26,400

Other Costs

Contingencies (10 percent of labour and material)				12,140
**Tools discounted for 5 years				9,400
Land Charges per year				12,500
Supervision (15 percent of labour and material)				18,210
SUBTOTAL				52,250
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				173,650

Initial land clearing cost are not included given the wide variations present

Parish	St. James
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance (l x w)	
cm	30 x 60
inches	12 x 24
Plant Population	21780
Topography	Hilly Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,478
Cost of Production \$/Kg	\$80

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Ploughing	MD	10	2500	25,000
Dig Holes	MD	8	2500	20,000
Maintaining Trenches	MD	3	2500	7,500
Planting	MD	5	2500	12,500
Pesticide Application	MD	12	2500	30,000
Weed Control	MD	10	2500	25,000
Fertilizer Application	MD	2	2500	5,000
Harvesting	MD	16	2500	40,000
Lunch		76	1000	76,000
SUBTOTAL				266,000

Material Inputs	Unit	No. of Units	Cost/Unit	Total Cost
Planting Material	seed	4	5400	21,600
Potting Mixture		2	7000	14,000
Seed Trays		100	270	27,000
Fertiliser:				
NPK 14-28-14	50 kg	5	6000	30,000
Insecticide				
Tracer	120 ml	2	3400	6,800
Karate	250 ml	3	1800	5,400
Pegasus	250 ml	3	3500	10,500
Fungicide				
Ridomil Gold	500 g	2	3800	7,600
Herbicide:				
Glyphosate	5 litre	1	7000	7,000
Fusilade	250 ml	3	1850	5,550
SUBTOTAL				135,450

Other Costs				
Contingencies (10 percent of labour and material)				40,145
**Tools discounted for 5 years				9,400
Land Charges per year				5,000
Supervision (15 percent of labour and material)				60,218
SUBTOTAL				114,763
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				516,213

Initial land clearing cost are not included given the wide variations present

Parish	St. James
Crop	CALLALOO
Crop Maturity	2 Months
Reaping Period	4 Months
Planting Distance (l x w)	
cm	30 x 30
inches	12 x 12
Plant Population	43560
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,073
Cost of Production \$/Kg	\$65

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	8	2500	20,000
Dig Holes	MD	8	2500	20,000
Nursey Operation	MD	2	2500	5,000
Transplanting	MD	6	2500	15,000
Pesticide Application	MD	10	2500	25,000
Weed Control	MD	12	2500	30,000
Fertilizer Application	MD	3	2500	7,500
Harvesting	MD	30	2500	75,000
Lunch		79	500	39,500
SUBTOTAL				237,000

Material Inputs				
Planting Material		25	200	5,000
Water	monthly	6	2000	12,000
Fertiliser:				
NPK 14.28.14	50 kg	3	5800	17,400
Green Plus	50 kg	3	5400	16,200
Insecticide:				
Caratrax	250 ml	2	900	1,800
Diazinon	500 ml	2	700	1,400
Selecron	250 ml	2	1600	3,200
Fungicide:				
Amistar	50 g	1	1600	1,600
Bellis	litre	1	4000	4,000
Herbicide:				
Glyphosate	litre	2	1200	2,400
Gai-Quat	litre	2	1200	2,400
SUBTOTAL				67,400

Other Costs				
Contingencies (10 percent of labour and material)				30,440
**Tools discounted for 5 years				9,400
Land Charges per crop cycle				5,000
Supervision (15 percent of labour and material)				45,660
SUBTOTAL				90,500
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				394,900

Initial land clearing cost are not included given the wide variations present

Parish	St. James
Crop	HOT PEPPER
Crop Maturity	3 Months
Reaping Period	8 Months
Planting Distance (l x w)	
cm	60 x 120
inches	24 x 48
Plant Population	5445
Topography	Relatively Flat Land
Land Preparation	Mechanical
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	5,680
Cost of Production \$/Kg	\$95

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	5	2500	12,500
Ploughing	Tractor		10000	10,000
Harrowing	Tractor		7500	7,500
Furrowing	Tractor		7500	7,500
Planting	MD	5	2500	12,500
Pesticide Application	MD	10	2500	25,000
Weed Control	MD	12	2500	30,000
Fertilizer Application	MD	4	2500	10,000
Harvesting	MD	50	2500	125,000
Lunch		86	500	43,000
SUBTOTAL				283,000

Material Inputs	Unit	No. of Units	Cost/Unit	Total Cost
Planting Material	Seedling	5000	12	60,000
Fertiliser:				
NPK 14-28-14	50 kg	2	6000	12,000
NPK 11-22-22	50 kg	2	5800	11,600
Insecticide				
Caratrax	litre	4	3000	12,000
Caprid	litre	1	6000	6,000
Newmectin	100 ml	4	3000	12,000
Tracer	120 ml	3	2800	8,400
Fungicide				
Mancozeb	100 g	5	800	4,000
Ridomil Gold	500 g	3	2800	8,400
Herbicide:				
Gai-Quat	litre	3	1300	3,900
SUBTOTAL				138,300

Other Costs	Unit	No. of Units	Cost/Unit	Total Cost
Contingencies (10 percent of labour and material)				42,130
**Tools discounted for 5 years				9,400
Land Charges per crop cycle				5,000
Supervision (15 percent of labour and material)				63,195
SUBTOTAL				119,725
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				541,025

Initial land clearing cost are not included given the wide variations present

Parish	St. James
Crop	DASHEEN
Crop Maturity	9 Months
Reaping Period	1 Month
Planting Distance (l x w)	
cm	45 x 45
inches	24 x 24
Plant Population	10890
Topography	Hilly Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	8,097
Cost of Production \$/Kg	\$64

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Dig Holes	Job		100000	100,000
Weed Control	MD	6	2500	15,000
Planting	MD	5	2500	12,500
Pesticide Application	MD	6	2500	15,000
Fertilizer Application	MD	2	2500	5,000
Harvesting	MD	20	2500	50,000
Lunch		49	500	24,500
SUBTOTAL				247,000

Material Inputs					
Planting Material	Suckers	10000		7	70,000
Fertiliser:					
NPK 15-5-35	50 kg	5	6000		30,000
NPK 14-28-14	50 kg	5	6000		30,000
Insecticide					
Diazinon	500 ml	10	800		8,000
Caratraz	250 ml	10	800		8,000
Herbicide:					
Glyphosate	Gallon	1	4500		4,500
Paraquat	Gallon	1	3700		3,700
SUBTOTAL					154,200

Other Costs					
Contingencies (10 percent of labour and material)					40,120
**Tools discounted for 5 years					9,400
Land Charges per year					5,000
Supervision (15 percent of labour and material)					60,180
SUBTOTAL					114,700
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					515,900

Initial land clearing cost are not included given the wide variations present

Parish	St. James
Crop	GINGER
Crop Maturity	10 Months
Reaping Period	12 Months
Planting Distance (l x w)	
cm	30 x 30
inches	12 x 12
Plant Population	
Topography	Relatively Flat Land
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,073
Cost of Production \$/Kg	\$133

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Ploughing	MD	10	2500	25,000
Maintain Trenches	MD	3	2500	7,500
Planting	MD	6	2500	15,000
Pesticide Application	MD	4	2500	10,000
Weeding	MD	8	2500	20,000
Fertilizer Application	MD	4	2500	10,000
Harvesting	MD	20	2500	50,000
Lunch		65	500	32,500
SUBTOTAL				195,000

Material Inputs	lb	2000	200	400,000
Fertiliser:				
NPK 14-28-14	50kg	3	5800	17,400
Ammonium Sulphate	50 Kg	3	4000	12,000
Insecticide				
Karate	250 ml	1	1350	1,350
Fungicide				
Topsin	500 g	1	3000	3,000
Herbicide:				
Gramoxone	litre	3	1350	4,050
SUBTOTAL				437,800

Other Costs				
Contingencies (10 percent of labour and material)				63,280
**Tools discounted for 5 years				9,400
Land Charges per year				5,000
Supervision (15 percent of labour and material)				94,920
SUBTOTAL				172,600
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				805,400

Initial land clearing cost are not included given the wide variations present

Parish	St. James
Crop	PINEAPPLE
Crop Maturity	18 Months
Reaping Period	12 Months
Planting Distance (l x w)	
	cm
	inches
	36x36
Plant Population	4840
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	8,097
Cost of Production \$/Kg	\$62

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Dig Holes	MD	10	2500	25,000
Maintaining Threnches	MD	4	2500	10,000
Planting	MD	10	2500	25,000
Pesticide Application	MD	2	2500	5,000
Weed Control	MD	15	2500	37,500
Fertilizer Application	MD	3	2500	7,500
Harvesting	MD	20	2500	50,000
Lunch		74	500	37,000
SUBTOTAL				222,000

Material Inputs				
Planting Material	Suckers	5000	20	100,000
Fertiliser:				
NPK 14-28-14	50kg	5	6000	30,000
Urea	50kg	5	5000	25,000
Insecticide				
Karate	250ml	1	1600	1,600
Fungicide				
Amistar	50g	3	1650	4,950
Herbicide:				
Diuron	litre	2	2200	4,400
Velzone	250 ml	4	1000	4,000
SUBTOTAL				169,950

Other Costs				
Contingencies (10 percent of labour and material)				39,195
**Tools discounted for 5 years				9,400
Land Charges per year				5,000
Supervision (15 percent of labour and material)				58,793
SUBTOTAL				112,388
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				504,338

Initial land clearing cost are not included given the wide variations present

Parish	St. Mary
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance (l x w)	
cm	30 x 60
inches	12 x 24
Plant Population	21780
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	7,895
Cost of Production \$/Kg	\$47

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	12	2000	24,000
Ploughing	MD	10	2000	20,000
Dig Holes	MD	8	2000	16,000
Planting	MD	8	2000	16,000
Pesticide Application	MD	2	2000	4,000
Weed Control	MD	10	2000	20,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	16	2000	32,000
Lunch		68	500	34,000
SUBTOTAL				170,000

Material Inputs					
Planting Material	seed	8	5500		44,000
Fertiliser:					
NPK 14-28-14	50 kg	2	5900		11,800
NPK 15-5-35	50 kg	4	5400		21,600
Urea	50 kg	2	4800		9,600
Insecticide					
Tracer	120 ml	2	2975		5,950
Agree	500 g	2	2350		4,700
Xentari	454 g	4	2100		8,400
Fungicide					
Bravo	litre	1	5600		5,600
Herbicide:					
Glyphosate	Gallon	1	4500		4,500
SUBTOTAL					116,150

Other Costs					
Contingencies (10 percent of labour and material)					28,615
**Tools discounted for 5 years					9,400
Land Charges per year					5,000
Supervision (15 percent of labour and material)					42,923
SUBTOTAL					85,938
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					372,088

Initial land clearing cost are not included given the wide variations present

Parish	St. Mary
Crop	HOT PEPPER
Crop Maturity	8 Months
Reaping Period	8 Months
Planting Distance (l x w)	
cm	90 x 90
inches	36 x 36
Plant Population	4840
Topography	Relatively Flat
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,883
Cost of Production \$/Kg	\$74

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	5	1500	7,500
Ploughing	MD	10	1500	15,000
Dig Holes	MD	6	1500	9,000
Planting	MD	4	1500	6,000
Pesticide Application	MD	12	1500	18,000
Weed Control	MD	8	1500	12,000
Fertilizer Application	MD	2	1500	3,000
Harvesting	MD	60	1500	90,000
Lunch		107	500	53,500
SUBTOTAL				214,000

Material Inputs				
Planting Material	seedling	10000	12	120,000
Fertiliser:				
NPK 11-22-22	22.7 kg	2	2900	5,800
NPK 15-5-35	22.7 kg	1	2900	2,900
Ammonium Sulphate	50 kg	1	4800	4,800
Insecticide:				
Cure	250 ml	4	3600	14,400
Newmectin	250 ml	1	6000	6,000
Pegasus	250 ml	1	4000	4,000
Fungicide:				
Bravo	litre	2	7000	14,000
Trivia	50 g	1	4500	4,500
Herbicide:				
Gai-Quat	litre	4	1300	5,200
SUBTOTAL				181,600

Other Costs				
Contingencies (10 percent of labour and material)				39,560
**Tools discounted for 5 years				9,400
Land Charges per crop cycle				5,000
Supervision (15 percent of labour and material)				59,340
SUBTOTAL				113,300
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				508,900

Initial land clearing cost are not included given the wide variations present

Parish	St. Mary
Crop	PUMPKIN
Crop Maturity	4 Months
Reaping Period	2 Months
Planting Distance (l x w)	
cm	30 x 30
inches	12 x 12
Plant Population	43560
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	9,717
Cost of Production \$/Kg	\$22

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	8	2000	16,000
Ploughing	MD	10	2000	20,000
Furrowing	MD	8	2000	16,000
Maintaining Trenches	MD	2	2000	4,000
Planting	MD	4	2000	8,000
Pesticide Application	MD	2	2000	4,000
Weed Control	MD	6	2000	12,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	10	2000	20,000
Lunch		52	500	26,000
SUBTOTAL				130,000

Material Inputs	seed	3	3000	9,000
Fertiliser:				
NPK 14-28-14	50 kg bag	2	5800	11,600
Insecticide				
Karate	500ml	1	3200	3,200
Malathion	500 ml	1	1000	1,000
Fungicide				
Champion	1 lb	1	1500	1,500
Herbicide:				
Glyphosate	gallon	1	3500	3,500
SUBTOTAL				29,800

Other Costs				15,980
Contingencies (10 percent of labour and material)				15,980
**Tools discounted for 5 years				8,400
Land Charges per crop cycle				5,000
Supervision (15 percent of labour and material)				23,970
SUBTOTAL				53,350
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				213,150

Initial land clearing cost are not included given the wide variations present

Parish	St. Mary
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	2 Months
Planting Distance (l x w)	
cm	90 x 30
inches	36 x 12
Plant Population	14520
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	9,717
Cost of Production \$/Kg	\$52

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Furrowing	MD	10	2000	20,000
Excavating Trenches	MD	4	2000	8,000
Moulding	MD	10	2000	20,000
Planting	MD	4	2000	8,000
Pesticide Application	MD	9	2000	18,000
Fertilizer Application	MD	4	2000	8,000
Harvesting	MD	15	2000	30,000
Lunch		66	500	33,000
SUBTOTAL				165,000

Material Inputs					
Planting Material	22.7Kg	18	7500		135,000
Fertiliser:					
NPK 15-5-35	50 kg	5	5400		27,000
NPK 14-28-14	50 kg	5	5900		29,500
Insecticide					
Caprid	250 ml	4	1800		7,200
Cure	60 ml	4	1800		7,200
Caratrax	250 ml	7	800		5,600
Fungicide					
Dithane	500 g	6	800		4,800
Ridomil	500 g	2	2500		5,000
Herbicide:					
Glyphosate	litre	2	1600		3,200
SUBTOTAL					224,500

Other Costs					
Contingencies (10 percent of labour and material)					38,950
**Tools discounted for 5 years					9,400
Land Charges per year					5,000
Supervision (15 percent of labour and material)					58,425
SUBTOTAL					111,775
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					501,275

Initial land clearing cost are not included given the wide variations present

Parish	St. Mary
Crop	PAW-PAW
Crop Maturity	8 Months
Reaping Period	9 Months
Planting Distance (l x w)	
cm	150 x 180
inches	60 x 72
Plant Population	1452
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	8,907
Cost of Production \$/Kg	\$59

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Ploughing	MD	6	2500	15,000
Furrowing	MD	6	2500	15,000
Maintaining Trenches	MD	3	2500	7,500
Planting	MD	8	2500	20,000
Pesticide Application	MD	1	2500	2,500
Weed Control	MD	30	2500	75,000
Fertilizer Application	MD	5	2500	12,500
Harvesting	MD	30	2500	75,000
Lunch		93	500	46,500
SUBTOTAL				294,000

Material Inputs	Unit	No. of Units	Cost/Unit	Total Cost
Planting Material	each	1500	10	15,000
Fertiliser:				
NPK 11-22-22	50 kg	8	5000	40,000
Ammonium Sulphate	22.7 kg	7	4200	29,400
Insecticide				
Karate	500 ml	2	3500	7,000
Pegasus	250 ml	5	2300	11,500
Fungicide				
Sulcox	5 kg	1	6500	6,500
Herbicide:				
Paraquat	litre	1	2500	2,500
Gai-Quat	litre	1	1350	1,350
SUBTOTAL				113,250

Other Costs	Unit	No. of Units	Cost/Unit	Total Cost
Contingencies (10 percent of labour and material)				40,725
**Tools discounted for 5 years				9,400
Land Charges per year				5,000
Supervision (15 percent of labour and material)				61,088
SUBTOTAL				116,213
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				523,463

Initial land clearing cost are not included given the wide variations present

Parish	St. Mary
Crop	CUCUMBER
Crop Maturity	1.5 Months
Reaping Period	3 Months
Planting Distance (l x w)	60 x 72
Plant Population	1452
Topography	Hillside Farm
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	6,883
Cost of Production \$/Kg	\$39

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	12	2000	24,000
Dig Holes	MD	12	2000	24,000
Transplanting	MD	8	2000	16,000
Maintaining Trenches	MD	3	2000	6,000
Nursery Operations	MD	3	2000	6,000
Pesticide Application	MD	4	2000	8,000
Weed Control	MD	2	2000	4,000
Fertilizer Application	MD	3	2000	6,000
Harvesting	MD	14	2000	28,000
Lunch		61	500	30,500
SUBTOTAL				152,500

Material Inputs	seed	5	1350	6,750
Fertiliser:				
NPK 14-28-14	50 kg	4	5500	22,000
Insecticide:				
Caratrax	250 ml	6	800	4,800
Fungicide:				
Ridomil Gold	500 g	4	2500	10,000
Herbicide:				
Dithane	500 g	3	750	2,250
Glyphosate	litre	4	1350	5,400
SUBTOTAL				51,200

Contingencies (10 percent of labour and material)				20,370
**Tools discounted for 5 years				9,400
Land Charges per year				5,000
Supervision (15 percent of labour and material)				30,555
SUBTOTAL				65,325
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				269,025

Initial land clearing cost are not included given the wide variations present

Parish	St. Mary
Crop	TOMATO
Crop Maturity	3 Months
Reaping Period	5 Months
Planting Distance (l x w)	
cm	90 x 90
inches	36 x 36
Plant Population	
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	8,211
Cost of Production \$/Kg	\$76

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	4	2500	10,000
Ploughing	Tractor		20000	20,000
Furrowing	Tractor		12000	12,000
Nursery Operation	MD	2	2000	4,000
Transplanting	MD	10	2000	20,000
Stake and tie	MD	6	2000	12,000
Pesticide Application	MD	16	2000	32,000
Weed Control	MD	8	2000	16,000
Fertilizer Application	MD	4	2000	8,000
Harvesting	MD	80	2000	160,000
Lunch		130	500	65,000
SUBTOTAL				359,000

Material Inputs				
Planting Material	seed	3	8000	24,000
Cord	rolls	10	900	9,000
stakes	manday	15	2000	30,000
Fertiliser:				
NPK 14.28.14	50 kg	8	5600	44,800
Insecticide				
Diazinon	litre	1	2700	2,700
Karate	250 ml	1	1800	1,800
Fungicide				
Dithane	500 g	6	850	5,100
Bravo	litre	2	5500	11,000
Herbicide:				
Glyphosate	litre	2	1400	2,800
SUBTOTAL				131,200

Other Costs				
Contingencies (10 percent of labour and material)				49,020
**Tools discounted for 5 years				9,400
Land Charges per year				5,000
Supervision (15 percent of labour and material)				73,530
SUBTOTAL				136,950
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				627,150

Initial land clearing cost are not included given the wide variations present

Parish	St. Thomas
Crop	SWEET POTATO
Crop Maturity	3 Months
Reaping Period	2 Months
Planting Distance (l x w)	
cm	30 x 30
inches	12 x 12
Plant Population	43560
Topography	Relatively Flat
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	6,478
Cost of Production \$/Kg	\$39

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	4	2000	8,000
Ploughing	Tractor		5500	5,500
Harrowing	Tractor		5500	5,500
Furrowing	Tractor		5500	5,500
Planting	MD	8	2000	16,000
Moulding	MD	6	2000	12,000
Pesticide Application	MD	2	2000	4,000
Weed Control	MD	6	2000	12,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	20	2000	40,000
Lunch		42	500	21,000
SUBTOTAL				133,500

Material Inputs	Unit	No. of Units	Cost/Unit	Total Cost
Planting Material	slips	8000	4	32,000
Fertiliser:				
NPK 14-28-14	50 kg	2	6000	12,000
Insecticide				
Caprid	litre	1	6000	6,000
Herbicide:				
Glyphosate	litre	2	1500	3,000
SUBTOTAL				53,000

Other Costs					
Contingencies (10 percent of labour and material)					18,650
**Tools discounted for 5 years					9,400
Land Charges per crop cycle					8,000
Supervision (15 percent of labour and material)					27,975
SUBTOTAL					64,025
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					250,525

Initial land clearing cost are not included given the wide variations present

Parish	St. Thomas
Crop	ONION
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance (l x w)	
cm	60 x 30
inches	30 x 12
Plant Population	17424
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$1,500
Projected Marketable Yield (Kg)	6,073
Cost of Production \$/Kg	\$62

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	5	1500	7,500
Ploughing	MD	10	1500	15,000
Harrowing	MD	5	1500	7,500
Furrowing	MD	5	1500	7,500
Dig Holes	MD	12	1500	18,000
Planting	MD	6	1500	9,000
Pesticide Application	MD	10	1500	15,000
Weed Control	MD	12	1500	18,000
Fertilizer Application	MD	4	1500	6,000
Harvesting	MD	25	1500	37,500
Lunch		94	500	47,000
SUBTOTAL				188,000

Material Inputs

Planting Material	Pack	4	8500	34,000
Fertiliser:				-
NPK 14-28-14	50 kg	3	5300	15,900
Urea	50 kg	3	5400	16,200
Insecticide				
Caprid	Litre	2	6000	12,000
Caratrax	Litre	2	3000	6,000
Fungicide				
Ridomil	500 g	1	2800	2,800
Herbicide:				
Gramoxone	litre	10	1200	12,000
SUBTOTAL				98,900

Other Costs

Contingencies (10 percent of labour and material)				28,690
**Tools discounted for 5 years				9,400
Land Charges per year				8,000
Supervision (15 percent of labour and material)				43,035
SUBTOTAL				89,125
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				376,025

Initial land clearing cost are not included given the wide variations present

Parish	St. Thomas
Crop	HOT PEPPER
Crop Maturity	5 Months
Reaping Period	4 Months
Planting Distance (l x w)	
cm	60 x 60
inches	24 x 24
Plant Population	10890
Topography	Relatively Flat Land
Land Preparation	Mechanical
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	6,478
Cost of Production \$/Kg	\$92

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Ploughing	Tractor		5500	5,500
Harrowing	Tractor		5500	5,500
Furrowing	Tractor		5500	5,500
Dig Holes	Job Work		4500	4,500
Planting	MD	4	2500	10,000
Pesticide Application	MD	16	2000	32,000
Weeding	MD	12	2000	24,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	60	2000	120,000
Lunch		104	500	52,000
SUBTOTAL				283,000

Material Inputs

Planting Material	seedling	7000	10	70,000
Fertiliser:				
NPK 11-22-22	50 kg	4	5300	21,200
NPK 15-5-35	50 kg	4	5300	21,200
Urea	50 kg	4	5400	21,600
Insecticide				
Diazinon	litre	1	2100	2,100
Caprid	litre	1	6000	6,000
Cure	250 ml	2	3700	7,400
Fungicide				
Mancozeb	100 g	3	800	2,400
Ridomil Gold	500 g	3	2800	8,400
Trivia	500 g	3	3200	9,600
Herbicide:				
Glyphos Maxx	Gallon	3	3900	11,700
SUBTOTAL				181,600

Other Costs

Contingencies (10 percent of labour and material)				46,460
**Tools discounted for 5 years				9,400
Land Charges per year				8,000
Supervision (15 percent of labour and material)				69,690
SUBTOTAL				133,550
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				598,150

Initial land clearing cost are not included given the wide variations present

Parish	St. Thomas
Crop	CUCUMBER
Crop Maturity	1.5 Months
Reaping Period	1 Month
Planting Distance (l x w)	
Plant Population	
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	7,287
Cost of Production \$/Kg	\$38

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Ploughing	MD	8	2000	16,000
Furrowing	MD	8	2000	16,000
Irrigation Installation	MD	4	2000	8,000
Planting	MD	4	2000	8,000
Pesticide Application	MD	5	2000	10,000
Weed Control	MD	10	2000	20,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	20	2000	40,000
Lunch		71	500	35,500
SUBTOTAL				177,500

Material Inputs

Planting Material	Pack	3	1400	4,200
Water	Monthly	3	1000	3,000
Fertiliser:				
NPK 15-5-35	50 kg	1	5300	5,300
Urea	22.7 kg	1	2500	2,500
Insecticide:				
Caprid	250 ml	1	2200	2,200
Diazinon	Litre	1	4500	4,500
Fungicide:				
Ridomil Gold	500 g	1	4500	4,500
Dithane	500 g	1	1000	1,000
Herbicide:				
Glyphos Maxx	litre	3	1500	4,500
SUBTOTAL				31,700

Other Costs

Contingencies (10 percent of labour and material)				20,920
**Tools discounted for 5 years				9,400
Land Charges per year				8,000
Supervision (15 percent of labour and material)				31,380
SUBTOTAL				69,700
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				278,900

Initial land clearing cost are not included given the wide variations present

Parish	Trelawny		
Crop	PAW-PAW		
Crop Maturity	8 Months		
Reaping Period	24 Months		
Planting Distance (l x w)	cm	180 x 180	
	inches	72 x 72	
Plant Population	1210		
Topography	Hilly Land		
Land Preparation	Mechanical		
Irrigated/Rain fed	Irrigated		
Area	0.4 hectare		
Man-day Charge (excluding lunch)	\$2,500		
Projected Marketable Yield (Kg)	10,121		
Cost of Production \$/Kg	\$55		

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	6	2500	15,000
Ploughing	Tractor		15000	15,000
Harrowing	Tractor		10000	10,000
Furrowing	Tractor		10000	10,000
Maintainig Trenches	MD	6	2500	15,000
Irrigation Installation	MD	6	2500	15,000
Planting	MD	9	2500	22,500
Pesticide Application	MD	8	2500	20,000
Weed Control	MD	12	2500	30,000
Fertilizer Application	MD	9	2500	22,500
Harvesting	MD	30	2500	75,000
Lunch		86	500	43,000
SUBTOTAL				293,000

Material Inputs

Planting Material	seed	1200	10	12,000
Water	monthly	32	2500	80,000
Fertiliser:				
NPK 11-22-22	50 kg bag	2	5000	10,000
NPK 15-5-35	50 kg bag	1	5000	5,000
Urea	50 kg bag	1	5000	5,000
Insecticide				
Cure	250 ml	2	3700	7,400
Caprid	litre	1	6000	6,000
Diazinon	litre	1	2100	2,100
Fungicide				
Mancozeb	100 g	3	800	2,400
Ridomil Gold	500 g	1	2800	2,800
Trivia	500 g	1	3200	3,200
Herbicide:				
Glyphosate	gallon	1	4000	4,000
SUBTOTAL				139,900

Other Costs

Contingencies (10 percent of labour and material)				43,290
**Tools discounted for 5 years				9,400
Land Charges per year				5,000
Supervision (15 percent of labour and material)				64,935
SUBTOTAL				122,625
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				555,525

Initial land clearing cost are not included given the wide variations present

Parish	Trelawny
Crop	SWEET YAM
Crop Maturity	12 Months
Reaping Period	8 Months
Planting Distance (l x w)	
cm	60 x 60
inches	24 x 24
Plant Population	10890
Topography	Hilly Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	6,073
Cost of Production \$/Kg	\$107

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Dig Holes	MD	10	2000	20,000
Excavating Trenches	MD	4	2000	8,000
Planting/Mounding	MD	4	2000	8,000
Staking	MD	5	2000	10,000
Weed Control	MD	10	2000	20,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	15	2000	30,000
Lunch		60	500	30,000
SUBTOTAL				150,000

Material Inputs					
Planting Material	heads/lbs	3400		75	255,000
Stakes		3400		15	51,000
Fertiliser:					
NPK 14.28.14	50 kg	5		5400	27,000
Ammonium Sulphate	50 kg	2		4000	8,000
Insecticide					
Slug Bait	600 g	5		2000	10,000
Fungicide					
Topsin	250 g	4		1450	5,800
Herbicide:					
Glyphosate	litre	1		1500	1,500
SUBTOTAL					358,300

Other Costs					
Contingencies (10 percent of labour and material)					50,830
**Tools discounted for 5 years					9,400
Land Charges per crop cycle					8,000
Supervision (15 percent of labour and material)					76,245
SUBTOTAL					144,475
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					652,775

Initial land clearing cost are not included given the wide variations present

Parish	Trelawny
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Planting Distance (l x w)	
cm	60 x 30
inches	30 x 12
Plant Population	17424
Topography	Hilly Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,478
Cost of Production \$/Kg	\$80

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	6	2500	15,000
Ploughing	MD	10	2500	25,000
Furrowing	MD	5	2500	12,500
Excavating Trenches	MD	4	2500	10,000
Moulding	MD	10	2500	25,000
Planting	MD	4	2500	10,000
Pesticide Application	MD	12	2500	30,000
Fertilizer Application	MD	2	2500	5,000
Harvesting	MD	15	2500	37,500
Lunch		68	500	34,000
SUBTOTAL				204,000

Material Inputs					
Planting Material	22.7Kg	18	5500		99,000
Fertiliser:					
NPK 14-28-14	50 kg	8	5400		43,200
Insecticide					
Newmectin	100 ml	1	3000		3,000
Caratrax	250 ml	2	800		1,600
Fungicide					
Dithane	500 g	10	850		8,500
Mancozeb	100 g	4	900		3,600
Ridomil	500 g	3	5000		15,000
Consento	250 ml	4	6000		24,000
SUBTOTAL					197,900

Other Costs					
Contingencies (10 percent of labour and material)					40,190
**Tools discounted for 5 years					9,400
Land Charges per year					8,000
Supervision (15 percent of labour and material)					60,285
SUBTOTAL					117,875
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					519,775

Initial land clearing cost are not included given the wide variations present

Parish	Trelawny
Crop	CARROT
Crop Maturity	4 Months
Reaping Period	1 Month
Planting Distance (l x w)	Broadcasting
Plant Population	
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,478
Cost of Production \$/Kg	\$46

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Ploughing	MD	10	2500	25,000
Planting	MD	1	2500	2,500
Maintaining Trenches	MD	4	2500	10,000
Pesticide Application	MD	2	2500	5,000
Weed Control	MD	6	2500	15,000
Fertilizer Application	MD	2	2500	5,000
Harvesting	MD	18	2500	45,000
Lunch		53	500	26,500
SUBTOTAL				159,000

Material Inputs					
Planting Material	tins	2	16000		32,000
Fertiliser:					
NPK 14.28.14	50 kg	4	6000		24,000
Insecticide:					
Karate	250 ml	1	1800		1,800
Fungicide					
Dithane	500 g	1	1200		1,200
Ridomil Gold	500 g	2	2400		4,800
Herbicide:					
Glyphosate	litre	2	1300		2,600
SUBTOTAL					66,400

Other Costs					
Contingencies (10 percent of labour and material)					22,540
**Tools discounted for 5 years					9,400
Land Charges per crop cycle					8,000
Supervision (15 percent of labour and material)					33,810
SUBTOTAL					73,750
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					299,150

Initial land clearing cost are not included given the wide variations present

Parish	Trelawny				
Crop	YELLOW YAM				
Crop Maturity	1 Year				
Reaping Period	4 Months				
Planting Distance (l x w)					
	cm				
	inches	24x18			
Plant Population					
Topography	Relatively Flat Land				
Land Preparation	Manual				
Irrigated/Rain fed	Rainfed				
Area	0.4 hectare				
Man-day Charge (excluding lunch)	\$2,500				
Projected Marketable Yield (Kg)	6,883				
Cost of Production \$/Kg	\$65				

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	8	2500	20,000
Dig Holes	MD	10	2500	25,000
Prepare Planting Material	MD	2	2500	5,000
Mounds	MD	10	2500	25,000
Planting	MD	3	2500	7,500
Staking	MD	8	2500	20,000
Pesticide Application	MD	2	2500	5,000
Weed Control	MD	8	2500	20,000
Fertilizer Application	MD	2	2500	5,000
Harvesting	MD	18	2500	45,000
Lunch		71	500	35,500
SUBTOTAL				213,000

Material Inputs					
Planting Material	head (lbs)	2000		30	60,000
Stakes		1		50000	50,000
Fertiliser:					
NPK 14-28-14	50 kg	3		6000	18,000
SUBTOTAL					128,000

Other Costs					
Contingencies (10 percent of labour and material)					34,100
**Tools discounted for 5 years					9,400
Land Charges per year					10,000
Supervision (15 percent of labour and material)					51,150
SUBTOTAL					104,650
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					445,650

Initial land clearing cost are not included given the wide variations present

Parish	Westmoreland
Crop	DASHEEN
Crop Maturity	8 Months
Reaping Period	1 Month
Planting Distance (l x w)	
cm	90 x 60
inches	36 x 24
Plant Population	7260
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	8,097
Cost of Production \$/Kg	\$51

Labour Operations	Unit	No. of Units	Cost/Unit		Total Cost
Land Clearing	MD	10	2000		20,000
Dig Holes	MD	10	2000		20,000
Planting	MD	8	2000		16,000
Pesticide Application	MD	6	2000		12,000
Weed Control	MD	12	2000		24,000
Fertilizer Application	MD	4	2000		8,000
Harvesting	MD	20	2000		40,000
Lunch		70	500		35,000
SUBTOTAL					175,000

Material Inputs					
Planting Material	Sucker	6000		15	90,000
Fertiliser:					
NPK 14-28-14	50 kg	4	5400		21,600
NPK 15-5-35	50 kg	4	5300		21,200
Insecticide					
Cure	125 ml	2	3000		6,000
Herbicide:					
Gai-Quat	litre	3	1800		5,400
SUBTOTAL					144,200

Other Costs					
Contingencies (10 percent of labour and material)					31,920
**Tools discounted for 5 years					9,400
Land Charges per year					5,000
Supervision (15 percent of labour and material)					47,880
SUBTOTAL					94,200
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					413,400

Initial land clearing cost are not included given the wide variations present

Parish	Westmoreland
Crop	PEANUTS
Crop Maturity	4 Months
Reaping Period	2 Weeks
Planting Distance (l x w)	
	cm
	inches
Plant Population	Broadcast
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	445
Cost of Production \$/Kg	\$485

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	6	2000	12,000
Ploughing	MD	10	2000	20,000
Planting	MD	1	2000	2,000
Moulding	MD	3	2000	6,000
Pesticide Application	MD	4	2000	8,000
Weed Control	MD	4	2000	8,000
Fertilizer Application	MD	2	2000	4,000
Harvesting	MD	10	2000	20,000
Lunch		40	500	20,000
SUBTOTAL				100,000

Material Inputs				
Planting Material	Bushels	4	7000	28,000
Fertiliser:				
NPK 14.28.14	50 kg	4	6000	24,000
Insecticide:				
Caratrax	3.8 litre	1	5000	5,000
Diazinon	litre	1	2000	2,000
Herbicide:				
Glyphosate	litre	2	1200	2,400
SUBTOTAL				61,400

Other Costs				
Contingencies (10 percent of labour and material)				16,140
**Tools discounted for 5 years				9,400
Land Charges per crop cycle				5,000
Supervision (15 percent of labour and material)				24,210
SUBTOTAL				54,750
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				216,150

Initial land clearing cost are not included given the wide variations present

Parish	Westmoreland
Crop	RED PEAS
Crop Maturity	3 Months
Reaping Period	1 Week
Planting Distance (l x w)	
cm	60 x 60
inches	24 x 24
Plant Population	
Topography	Relatively Flat land farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	415
Cost of Production \$/Kg	\$478

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	6	2500	15,000
Ploughing	MD	6	2500	15,000
Moulding	MD	6	2500	15,000
Planting	MD	2	2500	5,000
Pesticide Application	MD	2	2500	5,000
Weeding	MD	6	2500	15,000
Fertilising	MD	2	2500	5,000
Harvesting	MD	8	2500	20,000
Lunch		38	500	19,000
SUBTOTAL				114,000

Material Inputs					
Planting Material	Quart	32	300		9,600
Fertiliser:					
NPK 14-28-14	50 kg	2	6000		12,000
Fungicide:					
Dithane	500 g	3	900		2,700
Herbicide:					
Gramaxone	litre	2	1400		2,800
SUBTOTAL					27,100

Other Costs					
Contingencies (10 percent of labour and material)					14,110
**Tools discounted for 5 years					9,400
Land Charges per year					12,500
Supervision (15 percent of labour and material)					21,165
SUBTOTAL					57,175
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					198,275

Initial land clearing cost are not included given the wide variations present

Parish	Westmoreland
Crop	PINEAPPLE
Crop Maturity	12 Months
Reaping Period	36 Months
Planting Distance (l x w)	
	cm 60 x 30
	inches 30 x 12
Plant Population	17424
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,000
Projected Marketable Yield (Kg)	7,692
Cost of Production \$/Kg	\$66

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2000	20,000
Furrowing	MD	6	2000	12,000
Maintaining Trenches	MD	3	2000	6,000
Preparing Planting Material	MD	2	2000	4,000
Planting	MD	8	2000	16,000
Pesticide Application	MD	9	2000	18,000
Fertilizer Application	MD	6	2000	12,000
Harvesting	MD	16	2000	32,000
Lunch		60	500	30,000
SUBTOTAL				150,000

Material Inputs					
Planting Material	Suckers	3000		40	120,000
Fertiliser:					
Urea	50 kg	8	5800		46,400
NPK 15-5-35	50 kg	8	6000		48,000
Insecticide					
Diazinon	500 ml	6	800		4,800
Fungicide					
Ants Powder	kg	2	1200		2,400
Ridomil	500 g	2	3300		6,600
Herbicide:					
Diuron	litre	3	2200		6,600
Fusilade	250 ml	3	1900		5,700
Karmex	kg	3	1200		3,600
SUBTOTAL					244,100

Other Costs					
Contingencies (10 percent of labour and material)					39,410
**Tools discounted for 5 years					9,400
Land Charges per year					5,000
Supervision (15 percent of labour and material)					59,115
SUBTOTAL					112,925
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					507,025

Initial land clearing cost are not included given the wide variations present

Parish	Westmoreland
Crop	CUCUMBER
Crop Maturity	1.5 Months
Reaping Period	1 Week
Planting Distance (l x w)	36 x 36
Plant Population	4840
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,504
Cost of Production \$/Kg	\$60

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	6	2500	15,000
Ploughing	MD	8	2500	20,000
Planting	MD	8	2500	20,000
Pesticide Application	MD	8	2500	20,000
Weed Control	MD	15	2500	37,500
Fertilizer Application	MD	6	2500	15,000
Harvesting	MD	12	2500	30,000
Lunch		63	500	31,500
SUBTOTAL				189,000

Material Inputs	seed	4	12000	48,000
Fertiliser:				
NPK 14-28-14	50 kg	6	6000	36,000
Insecticide:				
Caratrax	litre	2	3000	6,000
Fungicide:				
Bravo	litre	2	5800	11,600
Dithane	500 g	10	800	8,000
Herbicide:				
Glyphosate	gallon	1	4500	4,500
SUBTOTAL				114,100

Other Costs				30,310
Contingencies (10 percent of labour and material)				9,400
**Tools discounted for 5 years				5,000
Land Charges per year				45,465
Supervision (15 percent of labour and material)				90,175
SUBTOTAL				393,275
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				

Initial land clearing cost are not included given the wide variations present

Parish	Westmoreland
Crop	TOMATO
Crop Maturity	4 Months
Reaping Period	3 Months
Planting Distance (l x w)	
cm	90 x 90
inches	36 x 36
Plant Population	4840
Topography	Relatively Flat Land
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,883
Cost of Production \$/Kg	\$77

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Dig Holes	MD	5	2500	12,500
Nursery Operation	MD	1	2500	2,500
Planting	MD	6	2500	15,000
Stake and tie	MD	3	2500	7,500
Pesticide Application	MD	18	2500	45,000
Weed Control	MD	6	2500	15,000
Fertilizer Application	MD	4	2500	10,000
Harvesting	MD	40	2500	100,000
Lunch		93	500	46,500
SUBTOTAL				279,000

Material Inputs	seed	2	10000	20,000
Planting Material	pound	2	1000	2,000
Cord	manday	1	8000	8,000
Stakes				
Fertiliser:				
NPK 11-22-22	50 kg	8	6000	48,000
Insecticide				
Caratrax	250 ml	2	750	1,500
Pegasus	250 ml	3	3000	9,000
Fungicide				
Dithane	500 g	12	800	9,600
Bravo	litre	5	5800	29,000
Herbicide:				
Glyphosate	gallon	1	4500	4,500
SUBTOTAL				131,600

Other Costs				41,060
Contingencies (10 percent of labour and material)				9,400
**Tools discounted for 5 years				7,000
Land Charges per year				61,590
Supervision (15 percent of labour and material)				119,050
SUBTOTAL				529,650
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				

Initial land clearing cost are not included given the wide variations present