Cost of Production Estimates 2022



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.

Parish	Clarendon
Crop	YELLOW YAM
Crop Maturity	9 Months
Reaping Period	3 Months
Number of Hills	1000
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2 <i>,</i> 500
Projected Marketable Yield (Kg)	7,794
Cost of Production \$/Kg	\$128

Labour Operations	Unit	No. of Unit	S	Cost/Unit	Total Cost
Land Clearing	MD	10		2500	25,000
Open Mounds	MD	10		2500	25,000
Excavating Trenches	Per Square	10		3500	35,000
Prepare Planting Material	MD	2		2500	5,000
Close Mounds	MD	10		2500	25,000
Planting	MD	5		2500	12,500
Stake and tie	MD	6		2500	15,000
Weed Control (twice)	MD	20		2500	50,000
Fertiliser Application	MD	2		2500	5,000
Harvesting	MD	30		2500	75,000
Lunch		95		500	47,500
SUBTOTAL					320,000
Material Inputs					
Planting Material	Heads (lbs)	3000		120	360,000
Stakes	each	1000		60	60,000
Fertiliser:					
NPK 14-28-14	50 kg	3		11400	34,200
Ammonium Sulphate	50 kg	2		8450	16,900
Herbicide:					
Glyphosate	Gallon	2		6000	12,000
SUBTOTAL					483,100
Other Costs					
**Tools discounted for 5 years					12000
Transportation (10 per cent of material)				48310
Land Charges per crop cycle					12500
Supervsion (15 percent of labour and n	Supervsion (15 percent of labour and material)				120465
SUBTOTAL		[193,275
TOTAL OPERATING EXPENDITURE PER	TOTAL OPERATING EXPENDITURE PER CROP CYCLE				996,375

Parish	Clarendon
Crop	SWEET YAM
Crop Maturity	9 Months
Reaping Period	3 Months
Number of Hills	1200
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,343
Cost of Production \$/Kg	\$287

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Open Mounds	MD	10	2500	25,000
Excavating Trenches	Per Square	10	3500	35,000
Close Mounds	MD	10	2500	25,000
Planting	MD	6	2500	15,000
Stake & Tie	MD	8	2500	20,000
Pesticide Application	MD	7	2500	17,500
Weed Control (twice)	MD	20	2500	50,000
Fertiliser Application	MD	2	2500	5,000
Harvesting	MD	20	2500	50,000
Lunch		93	500	46,500
SUBTOTAL				314,000
Material Inputs				-
Planting Material	head (lbs)	6000	180	1,080,000
Fertiliser:				
NPK 14-28-14	50 kg	4	11400	45,600
Fungicide				
Silvacur	250 ml	2	3600	7,200
Topsin	500 g	2	2800	5,600
Herbicide:				
Gai-Quat	Gallon	1	5400	5,400
Glyphosate	Gallon	1	6000	6,000
SUBTOTAL				1,149,800
Other Costs				
**Tools discounted for 5 years				12,000
Transportation (10 per cent of material)				114,980
Land Charges per crop cycle	,			12,500
Supervsion (10 percent of labou	r and material)			219,570
SUBTOTAL	,			359,050
TOTAL OPERATING EXPENDITUR	E PER CROP CYCLE			1,822,850

Parish	Clarendon
Crop	DASHEEN
Crop Maturity	9 Months
Reaping Period	3 Months
Estimated Plant Population	10890
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	7,085
Cost of Production \$/Kg	\$78

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Dig Holes	MD	10	2500	25,000
Planting	MD	6	2500	15,000
Pesticide Application	MD	4	2500	10,000
Weed Control	MD	12	2500	30,000
Fertiliser Application	MD	1	2500	2,500
Harvesting	MD	15	2500	37,500
Lunch		58	500	 29,000
SUBTOTAL				174,000
Material Inputs	-			
Planting Material	sucker	10890	20	217,800
Fertiliser:				
NPK 11-22-22	50 kg	2	11900	23,800
Insecticide:				
Caratrax	litre	2	3320	6,640
Caprid	litre	2	7200	14,400
Herbicide:				
Glyphosate	litre	1	1750	1,750
SUBTOTAL				264,390
Other Costs	•		•	
**Tools discounted for 5 years				12,000
Transportation (10 per cent of material)			26,439
Land Charges per crop cycle				12,500
Supervsion (15 percent of labour and material)				65,759
SUBTOTAL				116,698
TOTAL OPERATING EXPENDITURE PER O	CROP CYCLE			555,088

Parish	Clarendon
Crop	GINGER
Crop Maturity	9 Months
Reaping Period	2 Months
Estimated Plant Population	43560
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2 <i>,</i> 500
Projected Marketable Yield (Kg)	6,275
Cost of Production \$/Kg	\$105

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Forking	MD	20	2500	50,000
Excavating Trenches	Per Square	10	3500	35,000
Preparing Planting Material	MD	2	2500	5,000
Planting	MD	4	2500	10,000
Weed Control	MD	20	2500	50,000
Fertiliser Application	MD	2	2500	5,000
Harvesting	MD	20	2500	50,000
Lunch		78	500	39,000
SUBTOTAL				269,000
Material Inputs				
Planting Material	lbs	1200	180	216,000
Fertiliser:				
Ammonium Sulphate	50 kg	5	8450	42,250
SUBTOTAL				258,250
Other Costs				238,230
**Tools discounted for 5 years				12,000
Transportation (10 per cent of ma	aterial)			25,825
Land Charges per crop cycle				12,500
Supervsion (15 percent of labour	and material)			79,088
SUBTOTAL				129,413
TOTAL OPERATING EXPENDITURE	PER CROP CYCLE			656,663

Parish	Clarendon
Crop	LETTUCE
Crop Maturity	2 Months
Reaping Period	3 Week
Estimated Plant Population	21780
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,345
Cost of Production \$/Kg	\$56

Labour Operations	Unit	No. of Units	Cost/Unit	To	tal Cost
Land Clearing	MD	10	2500		25,000
Forking	MD	20	2500		50,000
Drilling	MD	4	2500		10,000
Excavating Trenches	Per Square	10	3500		35,000
Sowing seeds	MD	1	2500		2,500
Thinning & supplying seedlings	MD	2	2500		5,000
Pesticide Application	MD	4	2500		10,000
Weed Control	MD	8	2500		20,000
Fertiliser Application	MD	2	2500		5,000
Harvesting	MD	14	2500		35,000
Lunch		65	500		32,500
SUBTOTAL					230,000
Material Inputs		• • •			
Planting Material	Pack	1	6500		6,500
Fertiliser:					
NPK 14-28-14	50 kg	3	11400		34,200
Insecticide:					
Karate	250 ml	2	1800		3,600
Caprid	250 ml	1	2300		2,300
Fungicide:					
Antrical	500 g	3	2300		6,900
Mancozeb	500 g	6	900		5,400
Herbicide:					
Gai-Quat	litre	1.5	1300		1,950
SUBTOTAL					60,850
Other Costs		• • •			
**Tools discounted for 5 years					12,000
Transportation (10 per cent of materi	ial)				6,085
Land Charges per crop cycle					3,125
Supervsion (15 percent of labour and	material)				43,628
SUBTOTAL					64,838
TOTAL OPERATING EXPENDITURE PER	R CROP CYCLE				355,688

Parish	Clarendon			
Crop	CASSAVA			
Crop Maturity	12 Months			
Reaping Period	2 Months			
Estimated Plant Population	7260			
Topography		- lat Land Farm		
Land Preparation	Manual			
Irrigation Method	Rainfall			
Area	0.4 hectare	2		
Man-day Charge (excluding lunch)	\$2,500	-		
Projected Marketable Yield (Kg)	\$,097			
Cost of Production \$/Kg	\$46			
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Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	10	2500	25,000
Forking	MD	20	2500	50,000
Drilling	MD	4	2500	10,000
Planting	MD	3	2500	7,500
Pesticide Application	MD	3	2500	7,500
Weed Control	MD	4	2500	10,000
Fertiliser Application	MD	2	2500	5,000
Harvesting	MD	30	2500	75,000
Lunch		76	500	38,000
SUBTOTAL				228,000
Material Inputs	•	•	•	
Planting Material	sticks	7260	5	36,300
Fertiliser:				
NPK 14-28-14	50 kg	2	11400	22,800
Insecticide				
Diazinon	litre	1	2900	2,900
Caprid	250 ml	1	2300	2,300
Herbicide:				
Paraquat	litre	1.5	1350	2,025
SUBTOTAL				66,325
Other Costs				
Transportation (10 per cent of materia	I)			6,633
**Tools depreciated (5 years)				12,000
Land Charges per crop cycle				12,500
Supervision (15 percent of labour and i	material)			44,149
SUBTOTAL				75,281
TOTAL OPERATING EXPENDITURE PER	CROP CYCLE			369,606

Parish	Hanover
Crop	DASHEEN
Crop Maturity	7 Months
Reaping Period	1 Month
Estimated Plant Population	10890
Topography	Relatively Flat Land Farm
Land Preparation	Manual
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	8,097
Cost of Production \$/Kg	\$68

Labour Operations	Unit	No. of Units	Cost/Uni	t Total Cost
Land Clearing	MD	8	300	24,000
Dig Holes	Acre	1	4000	40,000
Planting	MD	5	300	15,000
Pesticide Application	MD	8	300	24,000
Weed Control (chemical)	MD	6	300	18,000
Fertiliser Application	MD	1	300	3,000
Harvesting	MD	22	300	66,000
Lunch		50	50	25,000
SUBTOTAL				215,000
Material Inputs				
Planting Material	sucker	11000	1!	5 165,000
Fertiliser:				
NPK 11-22-22	50 kg	1	1325	13,250
NPK 14-28-14	50 kg	2	1345	26,900
Insecticide:				
Diazinon	250 ml	2	120	2,400
Engeo	250 ml	2	400	8,000
Herbicide:				
Scorcher	Gallon	3	350	10,500
SUBTOTAL				226,050
Other Costs	Į		Р	
**Tools discounted for 5 years				12,000
Transportation (10 per cent of ma	terial)			22,605
Land Charges per crop cycle				10,375
Supervsion (15 percent of labour a	and material)			66,158
SUBTOTAL				111,138
TOTAL OPERATING EXPENDITURE	PER CROP CYC	LE		552,188

Parish	Hanover
Crop	HOT PEPPER
Crop Maturity	3 Months
Reaping Period	6 Months
Estimated Plant Population	5445
Topography	Relatively Flat Land Farm
Land Preparation	Manual
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	5,567
Cost of Production \$/Kg	\$141

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	8	3000	24,000
Dig Holes	MD	10	3000	30,000
Planting	MD	6	3000	18,000
Pesticide Application	MD	15	3000	45,000
Weed Control	MD	20	3000	60,000
Fertiliser Application	MD	3	3000	9,000
Harvesting	MD	50	3000	150,000
Lunch		112	500	56,000
SUBTOTAL				392,000
Material Inputs	-			
Planting Material	seedlings	5500	14	77,000
Fertiliser:				
NPK 11-22-22	50 kg	3	13250	39,750
Urea	50 kg	2	12700	25,400
NPK 15-5-35	50 kg	4	13350	53,400
Insecticide				
Caprid	250 ml	4	2300	9,200
Caratrax	litre	1	3320	3,320
Cure	250 ml	3	4100	12,300
Selecron	litre	1	6550	6,550
Indox	250 ml	1	2100	2,100
Fungicide:				
Dithane	500 g	2	1200	2,400
Ridomil Gold	500 g	2	3200	6,400
Sulcox	500 g	2	2200	4,400
Herbicide:				
Glyphosate	litre	2	1350	2,700
SUBTOTAL				244,920
Other Costs				
**Tools discounted for 5 years				12,000
Transportation (10 per cent of m	aterial)			24,492
Land Charges per crop cycle				13,500
Supervision (15 percent of labour	r and material)			95,538
SUBTOTAL				145,530
TOTAL OPERATING EXPENDITURE	E PER CROP CYC	LE		782,450

Parish	Hanover
Crop	YELLOW YAM
Crop Maturity	9 Months
Reaping Period	2 Months
Number of Hills	1600
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	6,883
Cost of Production \$/Kg	\$208

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	8	3000	24,000
Making Hills	MD	24	3000	72,000
Excavating Trenches	MD	10	3000	30,000
Prepare Planting Material	MD	2	3000	6,000
Planting	MD	16	3000	48,000
Stake & Tie	MD	16	3000	48,000
Weed Control (twice)	MD	32	3000	96,000
Fertiliser Application	MD	2	3000	6,000
Harvesting	MD	30	3000	90,000
Lunch		140	500	70,000
SUBTOTAL				490,000
Material Inputs				
Planting Material	head (lbs)	5000	100	500,000
Stakes	each	1600	60	96,000
Fertiliser:				
NPK 14-28-14	22.7 kg	6	6700	40,200
NPK 15-5-35	22.7 kg	6	6600	39,600
SUBTOTAL				675,800
Other Costs				
**Tools discounted for 5 years				12,000
Transportation (10 per cent of mate	erial)			67,580
Land Charges per crop cycle				10,375
Supervision (15 percent of labour a	nd material)			174,870
SUBTOTAL				264,825
TOTAL OPERATING EXPENDITURE P	ER CROP CYCL	E		1,430,625

Parish	Manchester
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	2 Weeks
Estimated Plant Population	7260
Topography	Relatively Flat Land Farm
Land Preparation	Manual
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	6,123
Cost of Production \$/Kg	\$100

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing (Chemical)	MD	2	3000	6,000
Forking	MD	12	3000	36,000
Furrowing	MD	8	3000	24,000
Planting	MD	6	3000	18,000
Weeding & Moulding	MD	15	3000	45,000
Pesticide Application	MD	8	3000	24,000
Fertiliser Application	MD	2	3000	6,000
Harvesting	MD	15	3000	45,000
Lunch		68	500	34,000
SUBTOTAL				238,000
Material Inputs				
Planting Material	Seeds	18	6500	117,000
Fertiliser:				
NPK 14-28-14	50 kg	9	11400	102,600
Insecticide:				
Cure	500 ml	3	3900	11,700
Caprid	litre	2	7200	14,400
Fungicide:				
Mancozeb	500 g	4	1000	4,000
Ridomil Gold	500 g	3	3000	9,000
Herbicide:				
Glyphosate	litre	2	1300	2,600
SUBTOTAL				261,300
Other Costs			- T - T	
**Tools discounted for 5 years				12,000
Transportation (10 per cent of m	aterial)			26,130
Land Charges per crop cycle				2,520
Supervision (15 percent of labour	r and material)			74,895
SUBTOTAL				115,545
TOTAL OPERATING EXPENDITURE	E PER CROP CYCLE			614,845

Parish	Manchester
Crop	SWEET POTA
Crop Maturity	4 Months
Reaping Period	4 Months
Estimated Plant Population	14520
Topography	Relatively Fla
Land Preparation	Mechanical
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	6,984
Cost of Production \$/Kg	\$44

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing (Chemical)	MD	2	3000	6,000
Ploughing	Tractor/acre	1	20000	20,000
Preparing Planting Material	MD	2	3000	6,000
Planting	MD	6	3000	18,000
Pesticide Application	MD	4	3000	12,000
Weed Control	MD	12	3000	36,000
Fertiliser Application	MD	2	3000	6,000
Harvesting	MD	20	3000	60,000
Lunch		54	500	27,000
SUBTOTAL		54	500	191,000
Material Inputs				
Planting Material	slips	15000	1	15,000
Fertiliser:				
NPK 14-28-14	50 kg	2	11400	22,800
Insecticide:				
Diazinon	litre	1	2850	2,850
Fungicide:				
Ridomil Gold	500 g	5	3000	15,000
Herbicide:				
Glyphosate	litre	2	1300	2,600
SUBTOTAL				58,250
Other Costs		ĮĮ		
**Tools discounted for 5 years				12,000
Transportation (10 percent of mat	erial)			5,825
Land Charges per crop cycle				6,000
Supervision (15 percent of labour a	and material)			37,388
SUBTOTAL				61,213
TOTAL OPERATING EXPENDITURE	PER CROP CYCLE			310,463

Parish	Manchester
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	2.5 Weeks
Estimated Plant Population	43560
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	6,781
Cost of Production \$/Kg	\$76

Labour Operations	Unit	No. of Unit	s Cost/	Unit	Total Cost
Land Clearing (chemical)	MD	2	3	000	6,000
Forking	MD	4	3	000	12,000
Harrowing	MD	3	3	000	9,000
Dig Holes	MD	5	3	000	15,000
Planting	MD	5	3	000	15,000
Weeding & Moulding	MD	12	3	000	36,000
Pesticide Application	MD	40	3	000	120,000
Fertiliser Application	MD	2	3	000	6,000
Harvesting	MD	10	3	000	30,000
Lunch		76		500	38,000
SUBTOTAL					287,000
Material Inputs					
Planting Material	10,000 seeds	4	9	300	37,200
Fertiliser:					
Ammonium Sulphate	50 kg	3	8	500	25,500
NPK 14-28-14	50 kg	3	11	.400	34,200
Insecticide					
Cure	500 ml	2	3	900	7,800
Tracer	120 ml	2	3	300	6,600
Xentari	454 g	3	3	000	9,000
Caprid	litre	1.5	7	200	10,800
Spreader/Sticker					
N oil	500 ml	2	1	.550	3,100
Herbicide:					
Glysophate	litre	2	1	.300	2,600
SUBTOTAL					136,800
Other Costs					
Transportation (10 percent of material)					13,680
**Tools including Irrigation Equipment	discounted for	5 years			12,000
Land Charges per crop cycle					3,360
Supervision (15 percent of labour and n	naterial)				63,570
SUBTOTAL					92,610
TOTAL OPERATING EXPENDITURE PER C	ROP CYCLE				516,410

Parish	Manchester
Crop	HOT PEPPER
Crop Maturity	3 Months
Reaping Period	6 Months
Estimated Plant Population	5445
Topography	Relatively Fla
Land Preparation	Manual
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	5,073
Cost of Production \$/Kg	\$156

Labour Operations	Unit	No. of Unit	S	Cost/Unit	Total Cost
Land Clearing (chemical)	MD	2		3000	6,000
Dig Holes	MD	8		3000	24,000
Transplanting	MD	5		3000	15,000
Pesticide Application	MD	16		3000	48,000
Weed Control	MD	28		3000	84,000
Fertiliser Application	MD	4		3000	12,000
Harvesting	MD	50		3000	150,000
Lunch		109		500	54,500
SUBTOTAL					393,500
Material Inputs					
Planting Material	seedling	5500		20	110,000
Fertiliser:					
NPK 14-28-14	50 kg	5		11400	57,000
Insecticide					
Caprid	litre	1		7200	7,200
Pegasus	litre	2		15000	30,000
Newmectin	litre	1		19525	19,525
Cure	500 ml	2		3900	7,800
Fungicide					
Mancozeb	500 g	4		1000	4,000
Ridomil Gold	500 g	4		3000	12,000
Bravo	litre	1		5800	5,800
Herbicide:					
Glyphosate	litre	2		1300	2,600
SUBTOTAL					255,925
Other Costs					
Transportation (10 percent of material)					25,593
**Tools discounted for 5 years					12,000
Land Charges per crop cycle					8,000
Supervision (15 percent of labour and m	naterial)				97,414
SUBTOTAL					143,006
TOTAL OPERATING EXPENDITURE PER C	ROP CYCLE				792,431

Parish	Manchester			
Crop	TOMATO			
Crop Maturity	3 Months			
Reaping Period	2 Months			
Estimated Plant Population	5445			
Topography	Relatively Fla	at Land Farm		
Land Preparation	Manual			
Irrigation Method	Rainfall			
Area	0.4 hectare			
Man-day Charge (excluding lunch)	\$3,000			
Projected Marketable Yield (Kg)	7,553			
Cost of Production \$/Kg	\$66			
Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing (chemical)	MD	2	3000	6,000
Dig Holes	MD	8	3000	24,000
Nursery Operation	MD	2	3000	6,000

Land Clearing (chemical)	MD	2	3000	6,000
Dig Holes	MD	8	3000	24,000
Nursery Operation	MD	2	3000	6,000
Transplanting	MD	8	3000	24,000
Pesticide Application	MD	10	3000	30,000
Weed Control	MD	16	3000	48,000
Fertiliser Application	MD	2	3000	6,000
Harvesting	MD	32	3000	96,000
Lunch		80	500	40,000
SUBTOTAL				280,000
Material Inputs				
Planting Material	pack	2	8500	17,000
Potting Mixture	bag	1	6000	6,000
Seed Trays	each	45	220	9,900
Fertiliser:				
NPK 14-28-14	50 kg	2	11400	22,800
NPK 15-5-35	50 kg	2	11750	23,500
Ammonium Sulphate	50 kg	1	8500	8,500
Insecticide				
Caratrax	250 ml	2	1950	3,900
Caprid	250 ml	2	2300	4,600
Cure	250 ml	2	3900	7,800
Newmectin	250 ml	2	6085	12,170
Fungicide				
Ridomil Gold	500 g	2	3000	6,000
Sulcox	500 g	2	1850	3,700
Herbicide:				
Glyphosate	litre	2	1300	2,600
SUBTOTAL				128,470
Other Costs				
**Tools discounted for 5 years				12,000
Transportation (10 percent of mate	erial)			12,847
Land Charges per crop cycle				4,000
Supervision (15 percent of labour a	nd material)			61,271
SUBTOTAL				90,118
TOTAL OPERATING EXPENDITURE P	ER CROP CYCLE			498,588

Parish	Portland
Crop	DASHEEN
Crop Maturity	8 Months
Reaping Period	2 Months
Estimated Plant Population	7000
Topography	Relatively Flat La
Land Preparation	Manual
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	7,389
Cost of Production \$/Kg	\$73

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing (chemical)	MD	2	3000	6,000
Land Cleaning	MD	4	3000	12,000
Dig Holes	each	7000	10	70,000
Planting	MD	6	3000	18,000
Pesticide Application	Job	3	5000	15,000
Weed Control	MD	9	3000	27,000
Fertiliser Application	MD	2	3000	6,000
Harvesting	MD	18	3000	54,000
Lunch		41	500	20,500
SUBTOTAL				228,500
Material Inputs				
Planting Material	sucker	7000	20	140,000
Fertiliser:				
NPK 14-28-14	50 kg	4	13300	53,200
Insecticide:				
Caratrax	250 ml	4	1800	7,200
Actara	13 g	2	1300	2,600
Herbicide:				
Gai-Quat	litre	2	1400	2,800
SUBTOTAL				205,800
Other Costs				-
Transportation (10 percent of m	aterial)			20,580
**Tools discounted for 5 years				12,000
Land Charges per crop cycle				4,150
Supervsion (15 percent of labour	r and material)			65,145
SUBTOTAL				101,875
TOTAL OPERATING EXPENDITUR	E PER CROP CYCLE			536,175

Parish	Portland
Сгор	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Estimated Plant Population	20000
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	7,237
Cost of Production \$/Kg	\$69

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing (chemical)	MD	2	3000	6,000
Land Cleaning	MD	4	3000	12,000
Dig Holes	MD	5	3000	15,000
Nursery Operations	MD	2	3000	6,000
Transplanting	MD	8	3000	24,000
Weeding & Moulding	MD	20	3000	60,000
Pesticide Application	MD	35	3000	105,000
Fertiliser Application	MD	3	3000	9,000
Harvesting	MD	10	3000	30,000
Lunch		89	500	44,500
SUBTOTAL				311,500
Material Inputs				
Planting Material	5000 seeds	4	6000	24,000
Fertiliser:				
NPK 14-28-14	50 kg	2	13300	26,600
Urea	50 kg	1	13000	13,000
Insecticide				
Selecron	250 ml	4	2200	8,800
Caprid	250 ml	4	2300	9,200
Caratrax	250 ml	4	1800	7,200
Diazinon	250 ml	2	950	1,900
Fungicide				
Ridomil Gold	500 g	2	3200	6,400
Herbicide:				
Gai-Quat	litre	3	1400	4,200
SUBTOTAL				101,300
Other Costs				
Transportation (10 percent of materia	al)			10,130
**Tools discounted for 5 years				12,000
Land Charges per crop cycle				2,100
Supervision (15 percent of labour and	material)			61,920
SUBTOTAL				86,150
TOTAL OPERATING EXPENDITURE PER	CROP CYCLE			498,950

Parish	Portland
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Estimated Plant Population	-
Topography	Relatively Flat La
Land Preparation	Manual
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	6,883
Cost of Production \$/Kg	\$39

Labour Operations	Unit	No. of Units	5	Cost/Unit	Total Cost
Land Clearing (chemical)	MD	2		3000	6,000
Land Cleaning	MD	4		3000	12,000
Forking	MD	14		3000	42,000
Sowing	MD	1		3000	3,000
Pesticide Application	MD	4		3000	12,000
Weed Control	MD	8		3000	24,000
Fertiliser Application	MD	2		3000	6,000
Harvesting	MD	12		3000	36,000
Lunch		47		500	23,500
SUBTOTAL					164,500
Material Inputs					
Planting Material	lbs	3		3500	10,500
Fertiliser:					
NPK 11-22-22	50 kg	2		13250	26,500
Insecticide:					
Diazinon	litre	1		3250	3,250
Deadline	600 g	1		3300	3,300
Herbicide:					
Glyphosate	litre	1		1500	1,500
Fusilade	250 ml	2		2500	5,000
Carzone	250 g	1		2100	2,100
SUBTOTAL					52,150
Other Costs					
Transportation (10 percent of material)				5,215
**Tools discounted for 5 years					12,000
Land Charges per crop cycle					1,665
Supervision (15 percent of labour and r	material)				32,498
SUBTOTAL					51,378
TOTAL OPERATING EXPENDITURE PER	CROP CYCLE				268,028

Parish	Portland
Crop	HOT PEPPER
Crop Maturity	3 Months
Reaping Period	6 Months
Estimated Plant Population	10000
Topography	Relatively Flat La
Land Preparation	Manual
Irrigation Method	Irrigation
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	7,237
Cost of Production \$/Kg	\$173

Labour Operations	Unit	No. of Unit	s	Cost/Unit	Total Cost
Land Clearing (chemical)	MD	2		3000	6,000
Land Cleaning	MD	4		3000	12,000
Dig Holes	MD	10		3000	30,000
Irrigation Installation	MD	4		3000	12,000
Transplanting	MD	5		3000	15,000
Pesticide Application	MD	24		3000	72,000
Weed Control	MD	30		3000	90,000
Fertiliser Application	MD	1		3000	3,000
Harvesting	MD	50		3000	150,000
Lunch		130		500	65,000
SUBTOTAL					455,000
Material Inputs					
Planting Material	seedling	10000		20	200,000
Fertiliser:					
Initiator	lb	144		300	43,200
Growth	lb	144		250	36,000
Flowering	lb	144		250	36,000
Production	lb	432		300	129,600
Insecticide					
Pegasus	250 ml	2		4150	8,300
Newmectin	litre	1		19525	19,525
Selecron	250 ml	2		2200	4,400
Cure	250 ml	2		4100	8,200
Caprid	250 ml	2		2300	4,600
Fungicide					
Amistar	50 g	4		2125	8,500
Sulcox	250 g	4		735	2,940
Revus	125 ml	4		1700	6,800
Ridomil Gold	500 g	4		3200	12,800
Herbicide:					
Paraquat	litre	1		1350	1,350
Glyphosate	litre	1		1500	1,500
SUBTOTAL					523,715
Other Costs					
Transportation (10 percent of material)				52,372
**Tools discounted for 5 years					72,000
Land Charges per crop cycle					5,000
Supervision (15 percent of labour and i	material)				146,807
SUBTOTAL					276,179
TOTAL OPERATING EXPENDITURE PER	CROP CYCLE				1,254,894

Parish	Portland
Crop	YELLOW YAM
Crop Maturity	9 Months
Reaping Period	2 Months
Number of Hills	1000
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfall
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	7,287
Cost of Production \$/Kg	\$120

Labour Operations	Unit	No. of Units	Cost/Unit	T	otal Cost
Land Clearing	MD	2	3000		6,000
Land Cleaning	MD	4	3000		12,000
Prepare Planting Material	MD	2	3000		6,000
Make Mounds	MD	23	3000		69,000
Planting	MD	5	3000		15,000
Stake & Tie	MD	10	3000		30,000
Weed Control	MD	8	3000		24,000
Fertiliser Application	MD	2	3000		6,000
Harvesting	MD	30	3000		90,000
Lunch		86	500		43,000
SUBTOTAL					301,000
Material Inputs					
Planting Material	head (lbs)	2000	150		300,000
Stakes	each	1000	50		50,000
Fertiliser:					
NPK 14-28-14	50 kg	4	13300		53,200
Herbicide:					
Gai-Quat	Gallon	1	5200		5,200
SUBTOTAL					408,400
Other Costs					
Transportation (10 percent of materi	al)				40,840
**Tools discounted for 5 years					12,000
Land Charges per crop cycle					5,000
Supervision (15 percent of labour and	d material)				106,410
SUBTOTAL					164,250
TOTAL OPERATING EXPENDITURE PEI	R CROP CYCLE				873,650

Crop CABBAGE Crop Maturity 3 Months Reaping Period 1 Month Estimated Plant Population 21780 Topography Relatively Flat land farm Land Preparation Manual Irrigation Method Rainfed Area Cost of Production 5/Kg 5/5	Parish	St. Andrew			
Crop Maturity 3 Months Reaping Period 1 Month Estimated Plant Population 21780 Topography Relatively Flat land farm Land Preparation Manual Irrigation Method Rainfed Area 0.4 hectare Man-day Charge (excluding lunch) 52,500 Projected Marketable Yield (Kg) 6,478 Cost of Production 5/Kg S75 Isbour Operations MD 2 200 5,000 Land Clearing (chemical) MD 4 2500 10,000 25,000 Furrowing MD 10 2500 25,000 12,500 25,000 Morting Trenches MD 10 2500 22,000 36,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 14,000 14,000 <					
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NPK 14-28-14 50 kg 2 11000 22,000 Ammonium Sulphate 50 kg 2 8400 16,800 Insecticide 250 ml 6 2700 16,200 Caprid 250 ml 6 2700 16,200 Tracer 120 ml 2 3300 6,640 Pegasus 250 ml 4 4520 18,080 Karate 250 ml 2 2300 4,600 Fungicide 2 3100 6,200 Ridomil Gold 500 g 2 3100 6,200 Topsin 250 g 2 1600 3,200 Herbicide:	_	25000 seeds	1	11000	11,000
Ammonium Sulphate 50 kg 2 8400 16,800 Insecticide 250 ml 6 2700 16,200 Caprid 120 ml 2 3000 6,000 Caratrax Litre 2 3320 6,640 Pegasus 250 ml 4 4520 18,080 Karate 250 ml 2 2300 4,600 Fungicide 2 2300 4,600 Ridomil Gold 500 g 2 3100 6,200 Topsin 250 g 2 1600 3,200 Herbicide: 1 1450 1,450 Glyphosate Litre 1 1450 1,450 SUBTOTAL 1 112,170 112,170 Other Costs Transportation (10 percent of labour and material) 11,217 **Tools discounted for 5 years Land Charges per crop cycle 1,998 Supervision (15 percent of labour and material) 1998 Supervision (15 percent of labour and material) 1998					
Insecticide Image: Construct of the section of the secti					
Caprid 250 ml 6 2700 16,200 Tracer 120 ml 2 3000 6,000 Caratrax Litre 2 3320 6,640 Pegasus 250 ml 4 4520 18,080 Karate 250 ml 2 2300 4,600 Fungicide 2 3100 6,200 Ridomil Gold 500 g 2 3100 6,200 Topsin 250 g 2 1600 3,200 Herbicide: 1 1450 1,450 Glyphosate Litre 1 1450 1,450 SUBTOTAL 1 1450 11,217 11,217 **Tools discounted for 5 years 1 11,217 12,000 Land Charges per crop cycle 1 1,998 1998 Supervision (15 percent of labour and material) 1 60,476 SUBTOTAL 1 60,476 1998		50 kg	2	8400	16,800
Tracer 120 ml 2 3000 6,000 Caratrax Litre 2 3320 6,640 Pegasus 250 ml 4 4520 18,080 Karate 250 ml 2 2300 4,600 Fungicide 2 2300 4,600 Ridomil Gold 500 g 2 3100 6,200 Topsin 250 g 2 1600 3,200 Herbicide:					
Caratrax Litre 2 3320 6,640 Pegasus 250 ml 4 4520 18,080 Karate 250 ml 2 2300 4,600 Fungicide 2 2300 4,600 Ridomil Gold 500 g 2 3100 6,200 Topsin 250 g 2 1600 3,200 Herbicide: 1 1450 1,450 Glyphosate Litre 1 1450 1,450 SUBTOTAL 0 0 112,170 Other Costs 11,217 12,000 12,000 Land Charges per crop cycle 1 1,998 12,000 Supervision (15 percent of labour and material) 1 1,998 19,998 Supervision (15 percent of labour and material) 1 60,476 1998					
Pegasus 250 ml 4 4520 18,080 Karate 250 ml 2 2300 4,600 Fungicide Ridomil Gold 500 g 2 3100 6,200 Topsin 250 g 2 1600 3,200 Herbicide: Glyphosate Litre 1 1450 1,450 SUBTOTAL Other Costs 11,217 **Tools discounted for 5 years 12,000 12,000 Land Charges per crop cycle 1,998 1,998 Supervision (15 percent of labour and material) 1,998 1,998 SUBTOTAL 60,476 60,476		120 ml			
Karate 250 ml 2 2300 4,600 Fungicide <	Caratrax	Litre		3320	6,640
Fungicide Image: Constraint of the system of the syste	Pegasus	250 ml	4	4520	18,080
Ridomil Gold 500 g 2 3100 6,200 Topsin 250 g 2 1600 3,200 Herbicide: Glyphosate Litre 1 1450 1,450 SUBTOTAL Other Costs 112,170 Transportation (10 percent of labour and material) 11,217 11,217 **Tools discounted for 5 years 12,000 Land Charges per crop cycle 1,998 Supervision (15 percent of labour and material) 60,476 SUBTOTAL 85,691	Karate	250 ml	2	2300	4,600
Topsin 250 g 2 1600 3,200 Herbicide: Image: Construction of the construction of the const of the co	-				
Herbicide: GlyphosateImage: Construct of labour and material)Image: Construct of labour and material)SUBTOTALImage: Construct of labour and material)Image: Construct of labour and material)Transportation (10 percent of labour and material)Image: Construct of labour and material)**Tools discounted for 5 yearsImage: Construct of labour and material)Land Charges per crop cycleImage: Construct of labour and material)Supervision (15 percent of labour and material)Image: Construct of labour and material)SUBTOTALImage: Construct of labour and material)	Ridomil Gold			3100	6,200
GlyphosateLitre114501,450SUBTOTALImage: Construction (10 percent of labour and material)Image: Construction (10 percent of labour and material)Image: Construction (10 percent of labour and material)Image: Construction (10 percent of labour and material)**Tools discounted for 5 yearsImage: Construction (10 percent of labour and material)Image: Construction (10 percent of labour and material)Supervision (15 percent of labour and material)Image: Construction (15 percent of labour and material)Image: Construction (15 percent of labour and material)SUBTOTALImage: Construction (15 percent of labour and material)Image: Construction (15 percent of labour and material)	Topsin	250 g	2	1600	3,200
SUBTOTALImage: Constraint of the second	Herbicide:				
Other CostsTransportation (10 percent of labour and material)**Tools discounted for 5 yearsLand Charges per crop cycleSupervision (15 percent of labour and material)SUBTOTAL	Glyphosate	Litre	1	1450	1,450
Other CostsTransportation (10 percent of labour and material)**Tools discounted for 5 yearsLand Charges per crop cycleSupervision (15 percent of labour and material)SUBTOTAL					
Transportation (10 percent of labour and material)11,217**Tools discounted for 5 years12,000Land Charges per crop cycle1,998Supervision (15 percent of labour and material)60,476SUBTOTAL85,691					112,170
**Tools discounted for 5 years12,000Land Charges per crop cycle1,998Supervision (15 percent of labour and material)60,476SUBTOTAL85,691					
Land Charges per crop cycle1,998Supervision (15 percent of labour and material)60,476SUBTOTAL85,691		ind material)			
Supervision (15 percent of labour and material)60,476SUBTOTAL85,691					
SUBTOTAL 85,691					
		material)			
TOTAL OPERATING EXPENDITURE PER CROP CYCLE 488,861	SUBTOTAL				
	TOTAL OPERATING EXPENDITURE PER	CROP CYCLE			488,861

Parish	St. Andrew
Crop	YELLOW YAM
Crop Maturity	9 Months
Reaping Period	2 Month
Number of Hills	2000
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,781
Cost of Production \$/Kg	\$179

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing (chemical)	MD	2	2500	5,000
Land Cleaning	MD	4	2500	10,000
Dig Holes	MD	12	2500	30,000
Prepare Planting Material	MD	2	2500	5,000
Make Mounds	MD	10	2500	25,000
Planting	MD	10	2500	25,000
Transport Stakes	each	2000	20	40,000
Stake & Tie	MD	20	2500	50,000
Weed Control (twice)	MD	20	2500	50,000
Fertiliser Application	MD	2	2500	5,000
Harvesting	MD	20	2500	50,000
Lunch		102	500	51,000
SUBTOTAL				346,000
Material Inputs	1			
Planting Material	head (lbs)	5000	80	400,000
Stakes	each	2000	90	180,000
Fertiliser:				
NPK 11-22-22	50 kg	5	11200	56,000
Herbicide:				
Paraquat	litre	2	1400	2,800
SUBTOTAL Costs				638,800
Other Costs	arial)	I		62,880
Transportation (10 percent of mat	erial)			63,880
**Tools discounted for 5 years				12,000
Land Charges per crop cycle	and matarial)		<u> </u>	6,000
Supervision (15 percent of labour a SUBTOTAL	anu material)			147,720 229,600
TOTAL OPERATING EXPENDITURE	PER CRUP CYCLE			1,214,400

Parish	St. Andrew
Crop	CARROT
Crop Maturity	3 Months
Reaping Period	1 Month
Estimated Plant Population	-
Topography	Relatively Flat La
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,275
Cost of Production \$/Kg	\$36

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	2500	5,000
Land Cleaning	MD	4	2500	10,000
Forking	MD	12	2500	30,000
Planting	MD	1	2500	2,500
Weed Control	MD	6	2500	15,000
Fertiliser Application	MD	2	2500	5,000
Harvesting	MD	14	2500	35,000
Lunch		41	500	20,500
SUBTOTAL				123,000
Material Inputs				
Planting Material	Pack (300 g)	5	2500	12,500
Fertiliser:				
NPK 14-28-14	22.7 kg	6	6350	38,100
Herbicide:				
Paraquat	litre	1	1400	1,400
Fusilade	250 ml	1	2500	2,500
Carzone	250 g	1	2100	2,100
SUBTOTAL				56,600
Other Costs	•			
Transportation (10 percent of mat	terial)			5,660
**Tools discounted for 5 years				12,000
Land Charges per crop cycle				1,998
Supervision (15 percent of labour	and material)			26,940
SUBTOTAL				46,598
TOTAL OPERATING EXPENDITURE	PER CROP CYCLE			226,198

Parish	St. Ann			
Crop	IRISH POTATO			
Crop Maturity	3 Months	-		
Reaping Period	2 Weeks			
Estimated Plant Population	21780			
Topography	Relatively Flat	: Land Farm		
Land Preparation	Manual			
Irrigation Method	Rainfed			
Area	0.4 hectare			
Man-day Charge (excluding lunch)	\$3,000			
Projected Marketable Yield (Kg)	7,085			
Cost of Production \$/Kg	\$101			
Labour Operations	Unit	No. of Units	Cost/Unit	 Total Cost
Land Clearing	MD	2	3000	 6,000
Land Cleaning	MD	6	3000	18,000
Forking	MD	15	3000	45,000
Furrowing	MD	10	3000	30,000
Drop & Plant	MD	7	3000	21,000
Moulding	MD	12	3000	36,000
Pesticide Application	MD	18	3000	54,000
Weed Control	MD	8	3000	24,000
Fertiliser Application	MD	3	3000	9,000
Harvesting	MD	18	3000	54,000
Lunch		99	500	49,500
SUBTOTAL				 346,500

Lunch		99	500	49,500
SUBTOTAL				346,500
Material Inputs				
Planting Material	seeds	20	6000	120,000
Fertiliser:				
NPK 11-22-22	50 kg	3	12800	38,400
NPK 14-28-14	50 kg	3	11400	34,200
Insecticide:				
Caratrax	250 ml	3	1900	5,700
Vertimec	100 ml	1	4500	4,500
Fungicide:				
Dithane	500 g	4	1100	4,400
Champion	500 g	4	1000	4,000
Consento	250 ml	5	3500	17,500
Ridomil Gold	500 g	3	3200	9,600
Herbicide:				
Gai-Quat	litre	2	1300	2,600
SUBTOTAL				240,900
Other Costs				
Transportation (10 percent	of material)			24,090

Transportation (10 percent of material)		24,090
**Tools discounted for 5 years		12,000
Land Charges per crop cycle		2,664
Supervsion (15 percent of labour and material)		88,110
SUBTOTAL		126,864
TOTAL OPERATING EXPENDITURE PER CROP CYCLE		714,264

Parish	St. Ann
Crop	HOT PEPPER
Crop Maturity	4 Months
Reaping Period	6 Months
Estimated Plant Population	5000
Topography	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	6,478
Cost of Production \$/Kg	\$119

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing (chemical)	Tractor/acre	2	7000	14,000
Ploughing	Tractor/acre	1	22000	20,000
Nursery Operation	MD	5	3000	15,000
Planting	MD	4	3000	12,000
Pesticide Application	MD	25	3000	75,000
Weed Control (chemical)	MD	10	3000	30,000
Fertiliser Application	MD	5	3000	15,000
Harvesting	per lb	14252	15	213,780
Lunch		49	500	24,500
SUBTOTAL				419,280
Material Inputs	•			
Planting Material	seeds (5000)	1	5000	5,000
Seed Trays	each	25	200	5,000
Potting Mix	each	1	6700	6,700
Fertiliser:				
Manure	Truckload	1	45000	45,000
NPK 15-5-35	22.7 kg	9	6200	55,800
20-20-20	25 lb	1	9000	9,000
Insecticide:				
Caprid	litre	1	7000	7,000
Newmectin	litre	1	19525	19,525
Pegasus	litre	1	15000	15,000
Cure	250 ml	1	4100	4,100
Fungicide:				
Phyton-27	500 ml	4	3700	14,800
Carbendazim	500 ml	4	2000	8,000
Herbicide:				
Glyphosate	litre	12	1500	18,000
SUBTOTAL				212,925
Other Costs				
Transportation (10 percent of mate	rial)			21,293
**Tools discounted for 5 years				12,000
Land Charges per crop cycle				8,000
Supervsion (15 percent of labour ar	id material)			94,831
SUBTOTAL				136,123
TOTAL OPERATING EXPENDITURE P	ER CROP CYCLE			768,328

Parish	St. Ann
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	2 Month
Estimated Plant Population	43560
Topography	Relatively Flat
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	9,008
Cost of Production \$/Kg	\$65

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	3000	6,000
Land Cleaning	MD	6	3000	18,000
Nursery Operation	MD	3	3000	9,000
Dig Holes	MD	10	3000	30,000
Transplanting	MD	8	3000	24,000
Weeding & Moulding	MD	18	3000	54,000
Pesticide Application	MD	30	3000	90,000
Fertiliser Application	MD	3	3000	9,000
Harvesting	MD	10	3000	30,000
Lunch		90	500	45,000
SUBTOTAL				315,000
Material Inputs	·		·	
Planting Material	Pack	5	9000	45,000
Fertiliser:				
NPK 11-22-22	50 kg	6	12800	76,800
Insecticide				
Ferstrike	250 ml	8	3500	28,000
Tracer	120 ml	2	3000	6,000
Karate	250 ml	2	2300	4,600
Fungicide:				
Ridomil Gold	500 g	2	3200	6,400
Herbicide:				
Glyphosate	litre	2	1500	1,800
SUBTOTAL				168.600
Other Costs				168,600
Transportation (10 percent of m	vatorial)			16,860
**Tools including Irrigation Equ		ad for E years		12,000
Land Charges per crop cycle	ipment discount	eu ior 5 years		3,360
Supervision (15 percent of labor	ur and material			72,540
SUBTOTAL	ai anu material)			104,760
TOTAL OPERATING EXPENDITUR		JLE		588,360

Parish	St. Ann
Crop	YELLOW YAM
Crop Maturity	8 Months
Reaping Period	2 Months
Number of Hills	1200
Topography	Relatively Flat Land Farm
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	8,300
Cost of Production \$/Kg	\$118

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	3000	6,000
Land Cleaning	MD	6	3000	18,000
Making Mounds	MD	30	3000	90,000
Prepare Planting Material	MD	2	3000	6,000
Planting	MD	3	3000	9,000
Stake & Tie	MD	20	3000	60,000
Weed Control (twice)	MD	12	3000	36,000
Fertiliser Application	MD	2	3000	6,000
Harvesting	MD	25	3000	75,000
Lunch		102	500	51,000
SUBTOTAL				357,000
Material Inputs				
Planting Material	head (lbs)	3600	90	324,000
Stakes	each	1200	30	36,000
Fertiliser:				
NPK 11-22-22	50 kg	6	12800	76,800
Herbicide				
Gramoxone	litre	4	1100	4,400
SUBTOTAL				441,200
Other Costs			 	
Transportation (10 percent of mate	rial)			44,120
**Tools discounted for 5 years				12,000
Land Charges per crop cycle				5,250
Supervsion (15 percent of labour an	d material)			119,730
SUBTOTAL				181,100
TOTAL OPERATING EXPENDITURE PI	ER CROP CYCLE			979,300

Parish	St. Catherine
Crop	HOT PEPPER
Crop Maturity	3 Months
Reaping Period	6 Months
Estimated Plant Population	5000
Topography	Relatively Flat La
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	7,591
Cost of Production \$/Kg	\$105

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing (chemical)	MD	2	2500	5,000
Land Cleaning	MD	4	2500	10,000
Dig Hole	MD	8	2500	20,000
Transplanting	MD	10	2500	25,000
Pesticide Application	MD	26	2500	65,000
Weed Control	MD	14	2500	35,000
Fertiliser Application	MD	5	2500	12,500
Harvesting	per lb	16701	12	200,412
Lunch		69	500	34,500
SUBTOTAL				407,412
Material Inputs	Į	Į	ĮĮ	- ,
Planting Material	Seedlings	5500	15	82,500
Fertiliser:				
NPK 14-28-14	50 kg	4	13400	53,600
NPK 15-5-35	50 kg	2	13350	26,700
Ammonium Sulphate	50 kg	2	8450	16,900
Insecticide:				
Caprid	250 ml	8	2250	18,000
Pegasus	litre	1	15000	15,000
Vertimec	100 ml	2	4500	9,000
Cure	250 ml	2	4100	8,200
Fungicide				
Serenade	litre	1	4000	4,000
Consento	250 ml	2	3500	7,000
Sancozeb	500 g	4	900	3,600
Herbicide:				
Gai-Quat	litre	5	1300	6,500
SUBTOTAL				251,000
Other Costs		•		
Transportation (10 percent of	material)			25,100
**Tools including Irrigation Eq	uipment discounted	for 5 years		12,000
Land Charges per crop cycle				6,000

98,762 **141,862**

800,274

Supervsion (10 percent of labour and material)

TOTAL OPERATING EXPENDITURE PER CROP CYCLE

SUBTOTAL

Parish	St. Catherine
Crop	SWEET POTATO
Crop Maturity	4 Months
Reaping Period	3 Months
Estimated Plant Population	10890
Topography	Relatively Flat La
Land Preparation	Mechanical
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,883
Cost of Production \$/Kg	\$43

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing (chemical)	MD	2	2500	5,000
Ploughing	Tractor/acre	1	20000	20,000
Furrowing	Tractor/acre	1	8000	8,000
Excavating Trenches	Tractor/acre	1	7000	7,000
Preparing Planting Material	MD	3	2500	7,500
Planting	MD	7	2500	17,500
Pesticide Application	MD	6	2500	15,000
Weed Control	MD	4	2500	10,000
Fertiliser Application	MD	2	2500	5,000
Harvesting	MD	12	2500	30,000
Lunch		36	500	18,000
SUBTOTAL				143,000
Material Inputs				
Planting Material	slips	10890	3	32,670
Fertiliser:				
NPK 14-28-14	50 kg	3	13400	40,200
Insecticide:				
Caprid	250 ml	4	2250	9,000
Malathion	litre	1	1930	1,930
Fungicide:				
Mancozeb	500 g	4	800	3,200
Herbicide:				
Glyphosate	litre	1	1400	1,400
Fusilade	litre	1	7500	7,500
SUBTOTAL				95,900
Other Costs				
Transportation (10 percent of mate	erial)			9,590
**Tools including Irrigation Equipm	ent discounted f	or 5 years		12,000
Land Charges per crop cycle				2,520
Supervision (15 percent of labour a	nd material)			35,835
SUBTOTAL				59,945
TOTAL OPERATING EXPENDITURE P	ER CROP CYCLE			298,845

	St. Catherine			
Parish Crop	DASHEEN			
Crop Maturity	9 Months			
Reaping Period	1 Month			
Estimated Plant Population	10000			
Topography	Relatively Flat	Land Farm		
Land Preparation	Manual			
Irrigation Method	Rainfed			
Area	0.4 hectare			
Man-day Charge (excluding lunch)	\$2,500			
Projected Marketable Yield (Kg)	7,591			
Cost of Production \$/Kg	\$103			
	I			Tables
Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing (chemical)	MD	2	2500	5,000
Land Cleaning	MD	6	2500	15,000
Forking	MD	20	2500	50,000
Dig Holes	MD	22	2500	55,000
Planting	MD	6	2500	15,000
Pesticide Application	MD	3	2500	7,500
Weed Control	MD	6	2500	15,000
Fertiliser Application	MD	2	2500	5,000
Harvesting	MD	20	2500	50,000
Lunch		87	500	43,500
SUBTOTAL				261,000
Material Inputs	-			
Planting Material	sucker	10000	30	300,000
Fertiliser:				
NPK 15-5-35	50 kg	4	13350	53,400
Insecticide:				
Caprid	litre	1	7000	7,000
Herbicide:				
Paraguat	Litre	4	1300	5,200
Glyphosate	Litre	1	1400	1,400
- , ,			_ 100	
SUBTOTAL				367,000
Other Costs	•	•		
Transportation (10 percent of mate	erial)			36,700
**Tools discounted for 5 years				12000
Land Charges per crop cycle				10375
Supervsion (15 percent of labour a	nd material)			94200
SUBTOTAL	,			153,275
TOTAL OPERATING EXPENDITURE F	PER CROP CYCLE			781,275

Parish	St. Catherine
Crop	ONION
Crop Maturity	4 Months
Reaping Period	1 Month
Estimated Plant Population	-
Topography	Relatively Flat La
Land Preparation	Mechanical
Irrigation Method	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	4,150
Cost of Production \$/Kg	\$246

Labour Operations	Unit	No. of Unit	s Cost/Unit	Total Cost
Land Clearing	MD	2	2500	5,000
Ploughing	Tractor	1	20000	20,000
Harrowing	Tractor	1	10000	10,000
Furrowing	Tractor	1	10000	10,000
Raking	MD	15	2500	37,500
Stalebedding	MD	2	2500	5,000
Irrigation Installation	MD	4	2500	10,000
Sowing seeds	MD (Planter)	1	2500	2,500
Pesticide Application	MD	24	2500	60,000
Weed Control	MD	10	2500	25,000
Fertiliser Application	MD	4	2500	10,000
Harvesting	MD	40	2500	100,000
Lunch		101	500	50,500
SUBTOTAL				345,500
Material Inputs	•	- <u>-</u>		
Planting Material	lbs	4	9000	36,000
Water	monthly	5	4000	20,000
Fertiliser:				
NPK 14-28-14	50 kg	4	13400	53,600
Green Plus	50 kg	5	12000	60,000
Ammonium Sulphate	50 kg	3	8450	25,350
Mono Potassium Phosphate (M.O.P	-	1	8250	8,250
Bio-20	litre	2	1800	3,600
Calmax B	litre	2	4200	8,400
Phortify	litre	2	1900	
Bioforge	500 ml	2	4200	
X-Cyte	500 ml	1	3000	
Insecticide				
Caprid	250 ml	10	2250	22,500
Karate	litre	3	8150	
FerStrike	250 ml	2	3700	7,400
Caratrax	250 ml	2	2000	4,000
Tracer	120 ml	2	3000	6,000
Diazinon	litre	1	3165	
Engeo	250 ml	1	5000	
Break-thru	litre	2	8000	
Fungicide				
Sulcox	250 g	3	1200	3,600
Mancozeb	500 g	4	800	· · · · · ·
Amistar	50 g	2	2125	
Carbendazim	500 ml	1	2000	
Ridomil Gold	500 g	4	3100	· · · · ·
Herbicide:				
Dacthal	litre	5	16000	80,000
Pilargola	500 ml	4	2600	

Glyphosate	litre	3	1400	4,200
SUBTOTAL				438,965
Other Costs				
Transportation (10 percent of ma	aterial)			43,897
**Tools including Irrigation Equip	oment discounted fo	or 5 years		72,000
Land Charges per crop cycle				3,360
Supervision (15 percent of labour	r and material)			117,670
SUBTOTAL				236,926
TOTAL OPERATING EXPENDITURE	E PER CROP CYCLE			1,021,391

Parish	St. Elizabeth	
Crop	CARROT	
Crop Maturity	4 Months	
Reaping Period	1 Month	
Estimated Plant Population	-	
Topography	Relatively Flat land farm	
Land Preparation	Mechanical	
Irrigation Method	Rainfed	
Area	0.4 hectare	
Man-day Charge (excluding lunch)	\$3,000	
Projected Marketable Yield (Kg)	5,972	
Cost of Production \$/Kg	\$50	

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	3000	6,000
Ploughing	Tractor	1	10000	10,000
Harrowing	Tractor	1	10000	10,000
Cut & Spread Mulch	Job	1	35000	35,000
Planting	MD	2	3000	6,000
Pesticide Application	MD	3	3000	9,000
Weed Control	MD	4	3000	12,000
Fertiliser Application	MD	1	3000	3,000
Harvesting	MD	12	3000	36,000
				10.000
Lunch		24	500	12,000
SUBTOTAL				139,000
Material Inputs				
Planting Material	300 g pack	5	2700	13,500
Mulch	Per Acre	1	50000	 50,000
Fertiliser:				
NPK 14-28-14	50 kg	2	11400	22,800
Insecticide				
Caratrax	litre	1	3400	3,400
Fungicide				
Dithane	500 g	3	1000	3,000
Herbicide:				
Glyphosate	litre	2	1450	2,900
Carzone	250 g	1	2500	2,500
Fusilade	250 ml	1	2450	2,450
SUBTOTAL				100,550
Other Costs	1)			10.055
Transportation (10 percent of material) **Tools discounted for 5 years				10,055
				12,000
Land Charges per crop cycle				3,780
Supervision (15 percent of labour and material) SUBTOTAL				35,933
				61,768
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				301,318

Parish	St. Elizabeth
Crop	PINEAPPLE
Crop Maturity	12 Months
Reaping Period	8 Months
Estimated Plant Population	10,000
Topography	Relatively Flat Land Farm
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	7,085
Cost of Production \$/Kg	\$169

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	3000	6,000
Land Cleaning	MD	8	3000	24,000
Forking	MD	20	3000	60,000
Furrowing	MD	15	3000	45,000
Planting	MD	20	3000	60,000
Pesticide Application	MD	20	3000	60,000
Weed Control	MD	18	3000	54,000
Fertilizer Application	MD	6	3000	18,000
Harvesting	MD	45	3000	135,000
Lunch		154	500	77,000
SUBTOTAL				539,000
Material Inputs			•	
Planting Material	suckers	10000	30	300,000
Fertiliser:				
NPK 16-9-18	50 Kg	5	11200	56,000
Urea	50 Kg	5	12700	63,500
Insecticide				
Diazinon	Litre	1	2800	2,800
Fungicide				
Ridomil Gold	500 g	3	2800	8,400
Herbicide:				
Diuron	Gallon	1	2250	2,250
Dual Gold	Gallon	1	6250	6,250
Glyphosate	litre	2	1450	2,900
SUBTOTAL				442,100
Other Costs				
Transportation (10 percent of ma	aterial)			44,210
**Tools discounted for 5 years	· · · · ,			12,000
Land Charges per crop cycle				15,030
Supervision (15 percent of labour and material)				147,165
SUBTOTAL	/			218,405
TOTAL OPERATING EXPENDITUR		├── ─		1,199,505

Parish	St. Elizabeth
Crop	ΤΟΜΑΤΟ
Crop Maturity	3 Months
Reaping Period	1.5 Months
Estimated Plant Population	5445
Topography	Relatively Fla
Land Preparation	Manual
Irrigation Method	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	9,231
Cost of Production \$/Kg	\$91

Labour Operations	Unit	No. of Unit	s	Cost/Unit	Total Cost
Land Clearing	MD	2		3000	6,000
Land Cleaning	MD	8		3000	24,000
Dig holes	MD	8		3000	24,000
Irrigation Installation	MD	2		3000	6,000
Nursery Operation	MD	3		3000	9,000
Cut/Spread Mulch	Job	1		35000	35,000
Transplanting	MD	8		3000	24,000
Budding	MD	5		3000	15,000
Pesticide Application	MD	25		3000	75,000
Weed Control	MD	8		3000	24,000
Fertiliser Application	MD	3		3000	9,000
Harvesting	MD	36		3000	108,000
Lunch		108		500	54,000
SUBTOTAL					413,000
Material Inputs	•				
Mulch	per acre	1		50000	50,000
Planting Material	1000 seeds p	6		8000	48,000
Potting Mixture	bag	2		6500	13,000
Seed Trays	each	30		250	7,500
Water	Monthly	4		7000	28,000
Fertiliser:					
NPK 11-22-22	50 kg	2		11400	22,800
NPK 15-5-35	50 kg	2		11350	22,700
Ammonium Sulphate	50 kg	1		8400	8,400
Insecticide					
Caprid	litre	1		7200	7,200
Cure	250 ml	3		3500	10,500
Fungicide					
Ridomil Gold	500 g	4		2800	11,200
Mancozeb	500 g	3		850	2,550
Herbicide:					
Glyphosate	litre	2		1450	2,900
SUBTOTAL					234,750
Other Costs					
Transporation (10 percent of material)			23,475		
**Tools including Irrigation Equipment	discounted for	5 years			 72,000
Land Charges per crop cycle			 2,940		
Supervision (15 percent of labour and n			97,163		
SUBTOTAL			 195,578		
TOTAL OPERATING EXPENDITURE PER C	ROP CYCLE				843,328

Parish	St. Elizabeth
Crop	SWEET POTA
Crop Maturity	4 Months
Reaping Period	2 Months
Estimated Plant Population	10890
Topography	Relatively Fla
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	7,287
Cost of Production \$/Kg	\$50

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	3000	6,000
Land Cleaning	MD	8	3000	24,000
Forking	MD	20	3000	60,000
Prepare Planting Material	MD	2	3000	6,000
Planting	MD	3	3000	9,000
Moulding	MD	8	3000	24,000
Pesticide Application	MD	4	3000	12,000
Weed Control	MD	8	3000	24,000
Fertiliser Application	MD	2	3000	6,000
Harvesting	MD	15	3000	45,000
Lunch		72	500	36,000
SUBTOTAL				252,000
Material Inputs				
Planting Material	slips	11000	1	11,000
Fertiliser:				
NPK 14-28-14	50 kg	2	11400	22,800
Insecticide				
Caratrax	250 ml	3	1800	5,400
Fungicide				
Mancozeb	500 g	2	850	1,700
Herbicide:				
Glyphosate	litre	2	1450	2,900
SUBTOTAL				43,800
Other Costs				
Transportation (10 percent of mate			4,380	
**Tools discounted for 5 years			12,000	
Land Charges per year			4,500	
Supervision (15 percent of labour an			44,370	
SUBTOTAL				65,250
TOTAL OPERATING EXPENDITURE PI	ER CROP CYCLE			361,050

Parish	St. Elizabeth	_		
Crop	RED PEAS			
Crop Maturity	2.5 Months	-		
Reaping Period	1 Week			
Estimated Plant Population	10890			
Topography	Hillside Farm			
Land Preparation	Manual			
Irrigation Method	Rainfed			
Area	0.4 hectare			
Man-day Charge (excluding lunch)	\$3,000			
Projected Marketable Yield (Kg)	506			
Cost of Production \$/Kg	\$758			
Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	3000	6,000
Land Cleaning	MD	8	3000	24,000
Forking	MD	20	3000	60,000
Planting	MD	6	3000	18,000
Pesticide Application	MD	8	3000	24,000
Weeding & Moulding	MD	15	3000	45,000
Fertiliser Application	MD	2	3000	6,000
Reaping & Threshing	MD	15	3000	45,000
Lunch		76	500	38,000
SUBTOTAL				266,000
Material Inputs	·			
Planting Material	Quart	32	300	9,600
Fertiliser:				
NPK 11-22-22	50 kg	2	11400	22,800
Ammonium Sulphate	50 kg	1	8400	8,400
Insectide:				
Definite	250 ml	1	1100	1,100
Caratrax	250 ml	2	1800	3,600
Fungicide:				
	500		1000	

. angletaet					
Dithane	500 g	3		1000	3,000
Herbicide:					
Glyphosate	litre	1		1450	1,450
SUBTOTAL					49,950
Other Costs					
Transportation (10 percent of material)					4,995
**Tools discounted for 5 years					12,000
Land Charges per crop cycle					3,125
Supervision (15 percent of labour and material)					47,393

SUBTOTAL

TOTAL OPERATING EXPENDITURE PER CROP CYCLE

67,513

383,463

Parish	ST. ELIZABET	Н	
Crop	IRISH POTATO	Ο	
Crop Maturity	3 Months		
Reaping Period	1 Week		
Estimated Plant Population	17424		
Topography	Relatively Flat Land Farm		
Land Preparation	Manual		
Irrigation Method	Rainfed		
Area	0.4 hectare		
Man-day Charge (excluding lunch)	\$3,000		
Projected Marketable Yield (Kg)	6,377	_	
Cost of Production \$/Kg	\$110		

Labour Operations	Unit	No. of Unit	S	Cost/Unit	Total Cost
Land Clearing	MD	2		3000	6,000
Land Cleaning	MD	8		3000	24,000
Forking	MD	20		3000	60,000
Furrowing	MD	15		3000	45,000
Heading & Dropping	MD	4		3000	12,000
Planting	MD	4		3000	12,000
Pesticide Application	MD	10		3000	30,000
Weeding & Moulding	MD	15		3000	45,000
Fertiliser Application	MD	1		3000	3,000
Harvesting	MD	12		3000	36,000
Lunch		91		500	45,500
SUBTOTAL					318,500
Material Inputs					
Planting Material	22.7 kg	20		6500	130,000
Fertiliser:					
Potato Starta	50 kg	2		10980	21,960
Potato Finisha	50 kg	5		10800	54,000
Insecticide					
Karate	250 ml	3		1750	5,250
Malathion	litre	2		2210	4,420
Caprid	litre	1		7200	
Fungicide					
Dithane	500 g	5		1000	5,000
Ridomil Gold	500 g	3		2800	8,400
Bravo	litre	2		6500	13,000
Consento	250 ml	3		3500	10,500
Herbicide:					
Glyphosate	litre	2		1450	2,900
SUBTOTAL					255,430
Other Costs					
Transportation (10 percent of material)					25,543
**Tools discounted for 5 years					12,000
Land Charges per crop cycle					2,664
Supervision (15 percent of labour and material)					86,090
SUBTOTAL			126,297		
TOTAL OPERATING EXPENDITURE PER C	ROP CYCLE				700,227

Parish	St. Elizabeth
Crop	DASHEEN
Crop Maturity	9 Months
Reaping Period	3 Months
Estimated Plant Population	10890
Topography	Relatively Fla
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	7,389
Cost of Production \$/Kg	\$67

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	3000	6,000
Land Cleaning	MD	8	3000	24,000
Dig Holes	MD	12	3000	36,000
Prepare Planting Material	MD	2	3000	6,000
Planting	MD	10	3000	30,000
Pesticide Application	MD	8	3000	24,000
Weed Control	MD	6	3000	18,000
Fertiliser Application	MD	1	3000	3,000
Harvesting	MD	15	3000	45,000
Lunch		64	500	32,000
SUBTOTAL				224,000
Material Inputs				
Planting Material	sucker	11000	10	110,000
Fertiliser:				
NPK 14-28-14	50 kg	3	11400	34,200
Insecticide:				
Karate	litre	2	8300	16,600
Malathion	250 ml	3	730	2,190
Fungicide:				
Ridomil Gold	500 g	2	2800	5,600
Herbicide:				
Paraquat	litre	4	1400	5,600
Glyphosate	litre	2	1450	2,900
SUBTOTAL				177,090
Other Costs				•
Transportation (10 percent of mater			17,709	
**Tools discounted for 5 years			12,000	
Land Charges per crop cycle				7,100
Supervsion (15 percent of labour and	d material)			60,164
SUBTOTAL			 96,973	
TOTAL OPERATING EXPENDITURE PE			498,063	

Cost of Production \$/Kg	\$227
Projected Marketable Yield (Kg)	4,251
Man-day Charge (excluding lunch)	\$3,000
Area	0.4 hectare
Irrigation Method	Irrigated
Land Preparation	Manual
Topography	Relatively Fla
Estimated Plant Population	43560
Reaping Period	1 Month
Crop Maturity	3 Months
Crop	ESCALLION
Parish	St. Elizabeth

Labour Operations	Unit	No. of Unit	s Cost/Unit		Total Cost
Land Clearing	MD	2	3000		6,000
Land Cleaning	MD	8	3000		24,000
Cut/Spread Mulch	MD	4	3000		12,000
Irrigation Installation	MD	4	3000		12,000
Planting	MD	10	3000		30,000
Pesticide Application	MD	24	3000		72,000
Weed Control	MD	6	3000		18,000
Fertiliser Application	MD	3	3000		9,000
Harvesting	MD	15	3000		45,000
Lunch		76	500		38,000
SUBTOTAL					266,000
Material Inputs					
Planting Material	lb	5000	50		250,000
Mulch	Per Square	10	7500		75,000
Water	Monthly	3	14000		42,000
Fertiliser:					
NPK 15-5-35	50 kg	2	11350		22,700
NPK 11-22-22	50 kg	2	11400		22,800
Insecticide					
FerStrike	250 ml	3	4000		12,000
Selecron	litre	2	6400		12,800
Caprid	litre	1	7200		7,200
Karate	litre	1	8300		8,300
Fungicide					
Mancozeb	500 g	2	850		1,700
Trivia	500 g	2	3200		6,400
Ridomil Gold	500 g	2	2800		5,600
Herbicide:					
Gai-Quat	litre	2	1300		2,600
SUBTOTAL					469,100
Other Costs		1		1	
Transportation (10 percent of material)				46,910	
**Tools including Irrigation Equipment			72,000		
Land Charges per year			1,998		
Supervision (15 percent of labour and m			110,265		
SUBTOTAL			231,173		
TOTAL OPERATING EXPENDITURE PER C				966,273	

Parish	St. James
Crop	CABBAGE
Crop Maturity	3 Months
Reaping Period	1 Month
Estimated Plant Population	21780
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	6,377
Cost of Production \$/Kg	\$79

Labour Operations	Unit	No. of Units	Cost/	Unit	Total Cost
Land Clearing	MD	2	3	3000	6,000
Land Cleaning	MD	6	3	3000	18,000
Furrowing	MD	8	3	3000	24,000
Excavating Trenches	MD	5		3000	15,000
Maintaining Trenches	MD	2	3	3000	6,000
Nursery Operation	MD	3	3	3000	9,000
Transplanting	MD	5	:	3000	15,000
Pesticide Application	MD	20	:	3000	60,000
Weed Control	MD	12		3000	36,000
Fertiliser Application	MD	4	3	3000	12,000
Harvesting	MD	10		3000	30,000
Lunch		77		500	38,500
SUBTOTAL					269,500
Material Inputs					
Planting Material (Tropicana)	seed	4	Ţ	5600	22,400
Potting Mixture	bag	2		7000	14,000
Seed Trays	each	110		270	29,700
Fertiliser:					
NPK 14-28-14	50 kg	3	12	2000	36,000
Urea	50 kg	1	12	2570	12,570
Insecticide					
Tracer	120 ml	3		3300	9,900
Match	250 ml	3		L750	5,250
Karate	250 ml	2	-	1300	2,600
Pegasus	250 ml	2	2	1000	8,000
Fungicide					
Dithane	500 g	2		900	1,800
Herbicide:					
Glyphosate	Litre	2		L400	2,800
SUBTOTAL					145,020
Other Costs					
Transportation (10 percent of mate			14,502		
**Tools discounted for 5 years			12,000		
Land Charges per crop cycle			1,665		
Supervision (15 percent of labour a			62,178		
SUBTOTAL			90,345		
TOTAL OPERATING EXPENDITURE I			504,865		

Parish	St. James
Crop	DASHEEN
Crop Maturity	7 Months
Reaping Period	2 Months
Estimated Plant Population	10890
Topography	Relative Flat Land Farm
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	7,287
Cost of Production \$/Kg	\$102

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	3000	6,000
Land Cleaning	MD	6	3000	18,000
Dig Holes	Job/acre	1	100000	100,000
Planting	MD	5	3000	15,000
Weed Control	MD	6	3000	18,000
Pesticide Application	MD	6	3000	18,000
Fertiliser Application	MD	2	3000	6,000
Harvesting	MD	20	3000	60,000
Lunch		47	500	23,500
SUBTOTAL				264,500
Material Inputs	· · · ·			
Planting Material	Suckers	11000	25	275,000
Fertiliser:				
NPK 14-28-14	50 kg	4	12000	48,000
Insecticide				
Caprid	250 ml	2	2700	5,400
Caratrax	250 ml	2	2200	4,400
Herbicide:				
Glyphosate	Gallon	1	5600	5,600
SUBTOTAL				338,400
Other Costs				
Transportation (10 percent mat	erial)			33,840
**Tools discounted for 5 years		12,000		
Land Charges per crop cycle		3,750		
Supervision (15 percent of labo		90,435		
SUBTOTAL		140,025		
TOTAL OPERATING EXPENDITUI		742,925		

Parish	St. James
Crop	PINEAPPLE
Crop Maturity	12 Months
Reaping Period	4 Months
Estimated Plant Population	5445
Topography	Hillside Farm
Land Preparation	Manual
Irrigated/Rain fed	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	7,895
Cost of Production \$/Kg	\$82

Labour Operations	Unit	No. of Units		Cost/Unit		Total Cost
Land Clearing	MD	2		3000		6,000
Land Cleaning	MD	6		3000		18,000
Dig Holes	MD	8		3000		24,000
Maintaining Threnches	MD	4		3000		12,000
Planting	MD	10		3000		30,000
Pesticide Application	MD	2		3000		6,000
Weed Control	MD	15		3000		45,000
Fertiliser Application	MD	3		3000		9,000
Harvesting	MD	20		3000		60,000
Lunch		70		500		35,000
SUBTOTAL						245,000
Material Inputs						
Planting Material	Suckers	5500		25		137,500
Fertiliser:						
NPK 15-5-35	50kg	6		11500		69,000
Urea	50kg	4		12570		50,280
Insecticide						
Karate	250ml	2		1750		3,500
Diazinon	Litre	1		3165		3,165
Fungicide						
Dithane	500 g	1		900		900
Herbicide:						
Diuron	litre	2		2500		5,000
Velzone	litre	1		3100		3,100
Glyphosate	litre	1		1400		1,400
SUBTOTAL						273,845
Other Costs						
Transportation (10 percent of mater	Transportation (10 percent of material)					27,385
**Tools including Irrigation Equipme				12,000		
Land Charges per crop cycle				12,500		
Supervision (15 percent of labour ar				77,827		
SUBTOTAL				129,711		
TOTAL OPERATING EXPENDITURE PE	R CROP CYCLE					648,556

Parish	St. James
Crop	SWEET YAM
Crop Maturity	9 Months
Reaping Period	8 Months
Estimated Plant Population	1000
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	6,343
Cost of Production \$/Kg	\$235

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	3000	6,000
Land Cleaning	MD	6	3000	18,000
Dig Holes	each	1000	40	40,000
Excavating Trenches	MD	4	3000	12,000
Preparing Planting Material	MD	2	3000	6,000
Drop & Plant	MD	6	3000	18,000
Stake & tie	MD	12	3000	36,000
Pesticide Application	MD	24	3000	72,000
Weed Control	MD	20	3000	60,000
Fertiliser Application	MD	2	3000	6,000
Harvesting	MD	15	3000	45,000
Lunch		93	500	46,500
SUBTOTAL				365,500
Material Inputs				
Planting Material	heads/lbs	5000	130	650,000
Stakes (including transportation to f	each	1000	90	90,000
Fertiliser:				
NPK 11-22-22	50 kg	4	11000	44,000
Ammonium Sulphate	50 kg	2	8400	16,800
Fungicide				
Topsin	250 g	6	1650	9,900
Antrical	750 g	4	2210	8,840
Silvacur	250 ml	4	3420	13,680
Herbicide:				
Paraquat	litre	3	1400	4,200
SUBTOTAL				837,420
Other Costs			 	_
Transportation (10 percent of mater	ial)			83,742
**Tools discounted for 5 years		12,000		
Land Charges per crop cycle		 11,360		
Supervision (15 percent of labour an		 180,438		
SUBTOTAL		 287,540		
TOTAL OPERATING EXPENDITURE PE		 1,490,460		

Parish	St. James
Crop	HOT PEPPER
Crop Maturity	4 Months
Reaping Period	6 Months
Estimated Plant Population	7260
Topography	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigation Method	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	5,870
Cost of Production \$/Kg	\$167

Labour Operations	Unit	No. of Units		Cost/Unit	Total Cost
Land Clearing	MD	2		3000	6,000
Land Cleaning	MD	6		3000	18,000
Ploughing	Tractor	1		15000	15,000
Furrowing	Tractor	1		10000	10,000
Irrigation Installation	MD	4		3000	12,000
Planting	MD	8		3000	24,000
Pesticide Application	MD	24		3000	72,000
Weed Control	MD	12		3000	36,000
Fertiliser Application	MD	3		3000	9,000
Harvesting	per lb	12914		12	154,968
Lunch		59		500	29,500
SUBTOTAL					386,468
Material Inputs					
Planting Material	seedlings	7260		25	181,500
Water	monthly	8		5000	40,000
Fertiliser:					
NPK 11-22-22	50 kg	3		11000	33,000
NPK 15-5-35	50 kg	3		11500	34,500
Ammonium Sulphate	50 kg	1		8400	8,400
Insecticide					
Caprid	Litre	1		7000	7,000
Caratrax	Litre	1		3400	3,400
Cure	250 ml	3		4100	12,300
Pegasus	litre	1		15000	15,000
Indo-X	250 ml	1		2100	2,100
Fungicide:					
Dithane	500 g	2		900	1,800
Ridomil Gold	500 g	2		3200	6,400
Sulcox	500 g	2		2200	4,400
Herbicide:					
Paraquat	Litre	5		1400	7,000
Glyphosate	Gallon	1		5600	5,600
SUBTOTAL					 362,400
Other Costs					
**Tools discounted for 5 years			72,000		
Transportation (10 per cent of mate			36,240		
Land Charges per crop cycle			8,100		
Supervision (15 percent of labour a			112,330		
SUBTOTAL			228,670		
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					977,538

Parish	St. Mary
Crop	HOT PEPPER
Crop Maturity	4 Months
Reaping Period	6 Months
Estimated Plant Population	10890
Topography	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigation Method	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	7,591
Cost of Production \$/Kg	\$168

Land Cleaning MD 8 2500 20,000 Ploughing Tractor 1 20000 20,000 Furrowing Tractor 1 10000 10,000 Irrigation Installation MD 3 2500 7,500 Planting MD 12 2500 30,000 Pesticide Application MD 24 2500 60,000 Weed Control MD 8 2500 7,500 Harvesting MD 60 2250 20,000 Lunch 120 500 60,000 SUBTOTAL 120 500 60,000 Much 6 5000 390,000 Material Material Inputs 3 28000 84,000 Water monthly 6 5000 30,000 59,000 NPK 14-28-14 50 kg 5 11800 59,000 NPK 15-5-35 50 kg 5 11500 57,500 <	Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Ploughing Tractor 1 20000 20,000 Furrowing Tractor 1 10000 10,000 Irrigation Installation MD 3 2500 7,500 Planting MD 12 2500 30,000 Pesticide Application MD 24 2500 60,000 Weed Control MD 8 2500 7,500 Harvesting MD 60 2500 150,000 Unch 120 500 60,000 390,000 Material Inputs 120 500 60,000 390,000 Material Inputs 120 500 60,000 30,000 Material Inputs	Land Clearing	MD	2	2500	5,000
Furrowing Tractor 1 10000 10,000 Irrigation Installation MD 3 2500 7,500 Planting MD 12 2500 30,000 Pesticide Application MD 24 2500 20,000 Weed Control MD 8 2500 20,000 Fertiliser Application MD 3 2500 7,500 Harvesting MD 60 2500 150,000 Lunch 120 500 60,000 SUBTOTAL - - - Planting Material seedling 10890 25 272,250 Mulch roll 3 28000 84,000 Water monthly 6 5000 30,000 Fertiliser: - - NPK 14-28-14 50 kg 5 11800 57,500 Insecticide: - - Cure 250 nll	Land Cleaning	MD	8	2500	20,000
Irrigation Installation MD 3 2500 7,500 Planting MD 12 2500 30,000 Pesticide Application MD 24 2500 60,000 Weed Control MD 8 2500 20,000 Fertiliser Application MD 3 2500 7,500 Harvesting MD 60 2500 150,000 Lunch 120 500 60,000 SUBTOTAL 120 500 60,000 Material Inputs	Ploughing	Tractor	1	20000	20,000
Planting MD 12 2500 30,000 Pesticide Application MD 24 2500 60,000 Weed Control MD 8 2500 7,500 Fertiliser Application MD 60 22500 7,500 Harvesting MD 60 22500 150,000 Lunch 120 500 60,000 SUBTOTAL 120 500 60,000 Much 120 500 60,000 SUBTOTAL 120 500 60,000 Much 120 500 60,000 Muterial seedling 10890 25 272,250 Mulch roll 3 28000 84,000 Water monthly 6 5000 30,000 Fertiliser: Insecticide: Insecticide: Insecticide: Insecticide: Cure 20 kg 5 11800 59,000 18,000 Vertimec 100 ml 2 <td< td=""><td>Furrowing</td><td>Tractor</td><td>1</td><td>10000</td><td>10,000</td></td<>	Furrowing	Tractor	1	10000	10,000
Pesticide Application MD 24 2500 60,000 Weed Control MD 8 2500 20,000 Fertiliser Application MD 3 2500 7,500 Harvesting MD 60 2500 150,000 Lunch 120 500 60,000 SUBTOTAL 120 500 60,000 Much 70l 3 28000 84,000 Mulch roll 3 28000 84,000 Mulch roll 3 28000 84,000 Water monthly 6 5000 30,000 Fertiliser: Imonthly 6 5000 30,000 NPK 14-28-14 50 kg 5 11800 59,000 NPK 15-5-35 50 kg 2 13500 27,000 Insecticide: Imonthly 5 3600 18,000 Vertimec 100 ml 2 4430 8,860 Pegasus litre	Irrigation Installation	MD	3	2500	7,500
Weed Control MD 8 2500 20,000 Fertiliser Application MD 3 2500 7,500 Harvesting MD 60 2500 150,000 Lunch 120 500 60,000 SUBTOTAL 120 500 60,000 Material Inputs 120 500 84,000 Planting Material seedling 10890 25 272,250 Mulch roll 3 28000 84,000 Water monthly 6 5000 30,000 Fertiliser: monthly 6 5000 30,000 NPK 14-28-14 50 kg 5 11800 59,000 NPK 15-5-35 50 kg 2 13500 27,000 Insecticide:	Planting	MD	12	2500	30,000
Fertiliser Application MD 3 2500 7,500 Harvesting MD 60 2500 150,000 Lunch 120 500 60,000 SUBTOTAL 120 500 60,000 Material Inputs 120 500 80,000 Material Inputs 101 3 28000 84,000 Walch roll 3 28000 84,000 Water monthly 6 5000 30,000 Fertiliser: NPK 14-28-14 50 kg 5 11800 59,000 NPK 15-5-35 50 kg 2 13500 27,000 Insecticide: Cure 250 ml 5 36000 18,000 Vertimec 100 ml 2 25000 5,000 Selecron 250 ml 2 2500 5,000 Fungicide: </td <td>Pesticide Application</td> <td>MD</td> <td>24</td> <td>2500</td> <td>60,000</td>	Pesticide Application	MD	24	2500	60,000
Harvesting MD 60 2500 150,000 Lunch 120 500 60,000 SUBTOTAL 120 500 60,000 Material Inputs	Weed Control	MD	8	2500	20,000
Lunch Image: Constraint of the second of the s	Fertiliser Application	MD	3	2500	7,500
SUBTOTAL Image: constraint of the system of th	Harvesting	MD	60	2500	150,000
SUBTOTAL Image: constraint of the system of th					
Material Inputs seedling 10890 25 272,250 Mulch roll 3 28000 84,000 Water monthly 6 5000 30,000 Fertiliser: monthly 6 5000 30,000 NPK 14-28-14 50 kg 5 11800 59,000 NPK 15-5-35 50 kg 2 13500 27,000 Insecticide:	Lunch		120	500	60,000
Planting Material seedling 10890 25 272,250 Mulch roll 3 28000 84,000 Water monthly 6 5000 30,000 Fertiliser: NPK 14-28-14 50 kg 5 11800 59,000 NPK 15-5-35 50 kg 5 11500 57,500 Urea 50 kg 2 13500 27,000 Insecticide: Cure 250 ml 5 3600 18,000 Vertimec 100 ml 2 4430 8,860 Pegasus litre 1 15,000 15,000 Selecron 250 ml 2 2500 5,000 Fungicide: Bellis litre 2 6600 13,200 Trivia 50 g 1 4500 4,500 Gai-Quat litre 2	SUBTOTAL				390,000
Mulch roll 3 28000 84,000 Water monthly 6 5000 30,000 Fertiliser: NPK 14-28-14 50 kg 5 11800 59,000 NPK 15-5-35 50 kg 5 11500 57,500 Urea 50 kg 2 13500 27,000 Insecticide: Cure 250 ml 5 3600 18,000 Vertimec 100 ml 2 4430 8,860 Pegasus litre 1 15000 15,000 Selecron 250 ml 2 2500 5,000 Fungicide: Bellis litre 2 6600 13,200 3,200 Trivia 50 g 1 4500 4,500 4,500 Gai-Quat litre 2 1300 2,600 2,600	Material Inputs				
Water monthly 6 5000 30,000 Fertiliser: monthly 6 5000 30,000 NPK 14-28-14 50 kg 5 11800 59,000 NPK 14-28-14 50 kg 5 11800 59,000 NPK 15-5-35 50 kg 5 11800 57,500 Urea 50 kg 2 13500 27,000 Insecticide:	Planting Material	seedling	10890	25	272,250
Fertiliser: Image: Constraint of the system Image: Constrainton of the system Image: Consystem <t< td=""><td>Mulch</td><td>roll</td><td>3</td><td>28000</td><td>84,000</td></t<>	Mulch	roll	3	28000	84,000
NPK 14-28-14 50 kg 5 11800 59,000 NPK 15-5-35 50 kg 5 11500 57,500 Urea 50 kg 2 13500 27,000 Insecticide: Cure 250 ml 5 3600 18,000 Vertimec 100 ml 2 4430 8,860 Pegasus litre 1 15000 15,000 Selecron 250 ml 2 2500 5,000 Fungicide: Bellis litre 2 6600 13,200 Trivia 50 g 1 4500 4,500 Herbicide: Gai-Quat litre 2 1400 2,800 Paraquat litre 2 1300 2,600 SUBTOTAL 599,710	Water	monthly	6	5000	30,000
NPK 15-5-35 50 kg 5 11500 57,500 Urea 50 kg 2 13500 27,000 Insecticide: Cure 250 ml 5 3600 18,000 Vertimec 100 ml 2 4430 8,860 Pegasus litre 1 15000 15,000 Selecron 250 ml 2 2500 5,000 Fungicide: Bellis litre 2 6600 13,200 Trivia 50 g 1 4500 4,500 Herbicide: Gai-Quat litre 2 1400 2,800 Paraquat litre 2 1300 2,600 SUBTOTAL	Fertiliser:				
Urea 50 kg 2 13500 27,000 Insecticide: 2 2,000 2,000 1,000<	NPK 14-28-14	50 kg	5	11800	59,000
Insecticide: C C C Cure 250 ml 5 3600 18,000 Vertimec 100 ml 2 4430 8,860 Pegasus litre 1 15000 15,000 Selecron 250 ml 2 2500 5,000 Fungicide: 2 2500 5,000 Bellis litre 2 6600 13,200 Trivia 50 g 1 4500 4,500 Herbicide: 2 1400 2,800 Paraquat litre 2 1300 2,600 SUBTOTAL I I 599,710	NPK 15-5-35	50 kg	5	11500	57,500
Cure 250 ml 5 3600 18,000 Vertimec 100 ml 2 4430 8,860 Pegasus litre 1 15000 15,000 Selecron 250 ml 2 2500 5,000 Fungicide: 5,000 Bellis litre 2 6600 13,200 Trivia 50 g 1 4500 4,500 Herbicide: 4,500 Gai-Quat litre 2 1400 2,800 Paraquat litre 2 1300 2,600 SUBTOTAL	Urea	50 kg	2	13500	27,000
Vertimec 100 ml 2 4430 8,860 Pegasus litre 1 15000 15,000 Selecron 250 ml 2 2500 5,000 Fungicide: Itre 2 6600 13,200 Bellis litre 2 6600 13,200 Trivia 50 g 1 4500 4,500 Herbicide: Itre 2 1400 2,800 Gai-Quat litre 2 1300 2,600 SUBTOTAL Itre 2 1300 2,600	Insecticide:				
Pegasus litre 1 15000 15,000 Selecron 250 ml 2 2500 5,000 Fungicide: Itre 2 6600 13,200 Bellis litre 2 6600 13,200 Trivia 50 g 1 4500 4,500 Herbicide: Itre 2 1400 2,800 Gai-Quat litre 2 1300 2,600 SUBTOTAL Itre Itre Itre Itre 1300 2,600	Cure	250 ml	5	3600	18,000
Selecron 250 ml 2 200 5,000 Fungicide: Itre 2 6600 13,200 Bellis Iitre 2 6600 4,500 Trivia 50 g 1 4500 4,500 Herbicide: Iitre 2 1400 2,800 Gai-Quat Iitre 2 1300 2,800 Paraquat Iitre 2 1300 2,800 SUBTOTAL Image: Subtot and the second a	Vertimec	100 ml	2	4430	8,860
Fungicide: Image: Constraint of the system of	Pegasus	litre	1	15000	15,000
Bellis litre 2 6600 13,200 Trivia 50 g 1 4500 4,500 Herbicide: Image: Constraint of the state o	Selecron	250 ml	2	2500	5,000
Trivia 50 g 1 4500 4,500 Herbicide: Image: Constraint of the second seco	Fungicide:				
Herbicide: Image: Constraint of the system Image: Constand of the system	Bellis	litre	2	6600	13,200
Herbicide: Image: Constraint of the system Image: Constand of the system	Trivia	50 g	1	4500	4,500
Paraquat litre 2 1300 2,600 SUBTOTAL Image: Constraint of the second	Herbicide:				
SUBTOTAL 599,710	Gai-Quat	litre	2	1400	2,800
	Paraquat	litre	2	1300	2,600
					500 740
					599,710

Transportation (10 percent of material)		59,971
**Tools including Irrigation Equipment discounted for 5 years		72,000
Land Charges per crop cycle		5,000
Supervision (15 percent of labour and material)		148,457
SUBTOTAL		285,428
TOTAL OPERATING EXPENDITURE PER CROP CYCLE		1,275,138

Parish	St. Mary
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Estimated Plant Population	14520
Topography	Relatively Flat
Land Preparation	Mechanical
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,883
Cost of Production \$/Kg	\$117

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	Tractor	2	8000	16,000
Ploughing	Tractor	1	25000	25,000
Furrowing	Tractor	1	20000	20,000
Trenching	MD	1	2500	2,500
Preparing Planting Material	MD	2	2500	5,000
Planting	MD	7	2500	17,500
Moulding	MD	12	2500	30,000
Pesticide Application	MD	16	2500	40,000
Fertiliser Application	MD	4	2500	10,000
Weed Control	MD	2	2500	5,000
Harvesting	MD	26	2500	65,000
Lunch		70	500	35,000
SUBTOTAL				271,000
Material Inputs	•	•		
Planting Material	22.7 kg	25	5500	137,500
Fertiliser:				
NPK 14-28-14	22.7 kg	25	6500	162,500
Insecticide				
Selecron	250 ml	2	2500	5,000
Caratrax	250 ml	2	2000	4,000
Diazinon	250 ml	2	1000	2,000
Caprid	250 ml	2	2800	5,600
Nissorun	500 g	1	1750	1,750
Fungicide				
Carbaryl	lb	2	2500	5,000
Ridomil Gold	500 g	4	3200	12,800
Mancozeb	500 g	2	900	1,800
Diligent	500 g	4	3750	15,000
Bravo	litre	2	6000	12,000
Consento	250 ml	2	3000	6,000
Herbicide:				
Glyphosate	litre	4	1400	5,600
Carzone	250 g	1	2500	2,500
SUBTOTAL				379,050
Other Costs			 	
Transportation (10 percent of mate	rial)			37,905
**Tools discounted for 5 years				12,000
Land Charges per crop cycle				10,000
Supervision (15 percent of labour an	nd material)			97,508
SUBTOTAL				157,413
TOTAL OPERATING EXPENDITURE P	ER CROP CYCLE			807,463

Parish	St. Mary
Crop	ТОМАТО
Crop Maturity	3 Months
Reaping Period	1 Month
Estimated Plant Population	7260
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2 <i>,</i> 500
Projected Marketable Yield (Kg)	7,719
Cost of Production \$/Kg	\$107

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	2500	5,000
Land Cleaning	MD	8	2500	20,000
Furrowing	MD	5	2500	12,500
Dig Holes	MD	5	2500	12,500
Maintaining Trenches	MD	4	2500	10,000
Transplanting	MD	8	2500	20,000
Stake and tie	MD	10	2500	25,000
Pesticide Application	MD	24	2500	60,000
Weed Control	MD	12	2500	30,000
Fertiliser Application	MD	4	2500	10,000
Harvesting	MD	20	2500	50,000
Lunch		102	500	
SUBTOTAL				306,000
Material Inputs				
Planting Material	seedlings	7260	25	
Cord	rolls	10	900	
Stakes	each	2500	20	50,000
Fertiliser:				
NPK 14-28-14	50 kg	3	11800	
NPK 15-5-35	50 kg	3	11500	34,500
Ammonium Sulphate	50 kg	1	8400	8,400
Insecticide				
Spreader Sticker (adjuvant)	250 ml	1	800	800
Caratrax	250 ml	4	2000	8,000
Newmectin	Litre	1	19500	19,500
Fungicide				
Consento	250 ml	2	3000	6,000
Ridomil Gold	500 g	3	3200	9,600
Herbicide:				
Glyphosate	litre	1	1400	1,400
Gai-Quat	litre	1	1400	1,400
SUBTOTAL				365,500
Other Costs				
Transportation (10 percent of mate	erial)			36,550

Transportation (10 percent of material)		36,550
**Tools discounted for 5 years		12,000
Land Charges per crop cycle		2,100
Supervision (15 percent of labour and material)		100,725
SUBTOTAL		151,375
TOTAL OPERATING EXPENDITURE PER CROP CYCLE		822,875

Parish	St. Mary		
Crop	PLANTAIN		
Crop Maturity	9 Months	_	
Reaping Period	1 Year		
Estimated Plant Population	778		
Topography	Relatively Flat	Land Farm	
Land Preparation	Manual		
Irrigation Method	Rainfed		
Area	0.4 hectare		
Man-day Charge (excluding lunch)	\$2,500		
Projected Marketable Yield (Kg)	8,603	_	
Cost of Production \$/Kg	\$63		

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	2500	5,000
Land Cleaning	MD	8	2500	20,000
Line & peg	MD	2	2500	5,000
Preparing planting material	MD	4	2500	10,000
Head & drop plants	MD	3	2500	7,500
Dig holes, treat & plant	MD	778	50	38,900
Pesticide Application	MD	6	2500	15,000
Weed Control & Pruning	MD	32	2500	80,000
Fertiliser Application	MD	4	2500	10,000
Harvesting	MD	22	2500	55,000
Lunch		83	500	41,500
SUBTOTAL				287,900
Material Inputs				
Planting Material	suckers	778	50	38,900
Stakes	each	778	10	7,780
Cord	rolls	7	380	2,660
Fertiliser:				
NPK 15-5-35	50 kg	4	11500	46,000
Urea	50 kg	2	13500	27,000
Insecticide:				
Actara	13 g	12	1200	14,400
Мосар	500 g	2	1200	2,400
Fungicide:				
Topsin	500 g	2	2800	5,600
Herbicide:				
Glyphosate	Litre	5	1400	7,000
SUBTOTAL				151,740
Other Costs				
Transportation (10 percent of mate	rial)			15,174
**Tools discounted for 5 years				12,000
Land Charges per crop cycle				 8,000
Supervsion (15 percent of labour ar	nd material)			65,946
SUBTOTAL				 101,120
TOTAL OPERATING EXPENDITURE P	ER CROP CYCLE			540,760

	t. Thomas				
	ABBAGE				
	Months				
	Month				
	1780				
	elatively Flat La	and Farm			
	Alanual				
-	ainfed				
0	.4 hectare				
	2,500				
	,579				
	62				
	02				
Labour Operations U	Init	No. of Units	Cost/Uni	t	Total Cost
Land Clearing N	/ID	2	2500)	5,000
Land Cleaning	/ID	8	2500)	20,000
Dig Holes	/ID	3	2500)	7,500
Nursery Operation	/ID	3	2500)	7,500
Transplanting	/ID	6	2500)	15,000
Weeding & Moulding	/ID	12	2500)	30,000
Pesticide Application	/ID	20	2500)	50,000
Fertiliser Application	/ID	4	2500)	10,000
Harvesting	/ID	10	2500)	25,000
Lunch		68	500)	34,000
SUBTOTAL					204,000
Material Inputs			÷	-	
Planting Material Pa	ack	2	10000)	20,000
Fertiliser:					
NPK 11-22-22 50	0 kg	3	13100)	39,300
Ammonium Sulphate 50	0 kg	2	8400)	16,800
Insecticide					
Diazinon lit	tre	3	3200)	9,600
Karate lit	tre	2	8300)	16,600
Caprid 2	50 ml	2	2700)	5,400
Indox	tre	2	2100)	4,200
Pegasus 2	50 ml	2	4000)	8,000
Caratrax	tre	1	3350)	3,350
Herbicide:					
Glyphosate	tre	2	1500)	3,000
SUBTOTAL					126,250
Other Costs					

Transportation (10 percent of material)		12,625
**Tools including Irrigation Equipment discounted for 5 years		12,000
Land Charges per crop cycle		3,360
Supervision (15 percent of labour and material)		49,538
SUBTOTAL		77,523
TOTAL OPERATING EXPENDITURE PER CROP CYCLE		407,773

Parish	St. Thomas
Crop	ONION
Crop Maturity	4 Months
Reaping Period	1 Month
Estimated Plant Population	87120
Topography	Relatively Flat Land Farm
Land Preparation	Mechanical
Irrigation Method	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	7,287
Cost of Production \$/Kg	\$130

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	2500	5,000
Land Cleaning	MD	8	2500	20,000
Harrowing	Tractor	1	15000	15,000
Furrowing	Tractor	1	15000	15,000
Raking	MD	12	2500	30,000
Stale Bedding	Job	2	2500	5,000
Irrigation Installation	MD	3	2500	7,500
Planting	per lb	4	2500	10,000
Pesticide Application	MD	10	2500	25,000
Weed Control	MD	15	2500	37,500
Fertiliser Application	MD	4	2500	10,000
Harvesting	MD	25	2500	62,500
_				
Lunch		84	500	42,000
SUBTOTAL				284,500
Material Inputs				
Planting Material	lb	6	13000	78,000
Packing bags	each	200	100	20,000
Water	monthly	4	10000	40,000
Fertiliser:				
NPK 11-22-22	50 kg	3	13100	39,300
NPK 15-5-35	50 kg	3	11750	35,250
Ammonium Sulphate	50 kg	3	8400	25,200
Muriate of Potash (M.O.P.)	25 Kg	4	7000	28,000
Calmax B	litre	1	4500	4,500
Phortify	litre	2	2200	4,400
Bio-20	litre	2	2000	4,000
Saeta	500 g	1	2500	2,500
Evergreen	500 ml	1	1850	1,850
Insecticide				
Caprid	litre	1	7400	7,400
Selecron	litre	1	6400	6,400
Tracer	120 ml	2	3200	6,400
FerStrike	250 ml	1	4000	4,000
Match	100 ml	2	3300	6,600
Caratrax	250 ml	2	1950	3,900
Fungicide				
Xstrata Gold	250 ml	4	3700	14,800
Topsin	500 g	1	2800	1,650
Ridomil Gold	500 g	1	2800	4,500
This	500 ml	3	1050	3,150
Herbicide:				
Fusilade	litre	1	7900	7,900
Dacthal	litre	5	16500	82,500
Prowl	litre	1	1700	1,700
Glyphosate	litre	2	1500	3,000

SUBTOTAL		436,900
Other Costs		
Transportation (10 percent of material)		43,690
**Tools including Irrigation Equipment discounted for 5 years		72,000
Land Charges per crop cycle		3,360
Supervision (15 percent of labour and material)		108,210
SUBTOTAL		227,260
TOTAL OPERATING EXPENDITURE PER CROP CYCLE		948,660

Parish	St. Thomas
Crop	HOT PEPPER
Crop Maturity	3 Months
Reaping Period	6 Months
Estimated Plant Population	7260
Topography	Relatively Flat La
Land Preparation	Mechanical
Irrigation Method	Irrigated
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2,500
Projected Marketable Yield (Kg)	6,275
Cost of Production \$/Kg	\$156

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing (Chemical)	MD	2	2500	5,000
Ploughing	Tractor	1	15000	15,000
Harrowing	Tractor	1	15000	15,000
Furrowing	Tractor	1	15000	15,000
Irrigation Installation	MD	3	2500	7,500
Transplanting	MD	8	2500	20,000
Pesticide Application	MD	24	2500	60,000
Weed Control	MD	8	2500	20,000
Fertiliser Application	MD	2	2500	5,000
Harvesting	MD	40	2500	100,000
Lunch		86	500	43,000
SUBTOTAL				305,500
Material Inputs				
Planting Material	seedling	7260	30	217,800
Water	monthly	8	5000	40,000
Fertiliser:				
Mono Ammonium Phosphate (M.A.P)	22.7 kg	6	8000	48,000
Urea	22.7 kg	3	6000	18,000
Nitrosol	22.7 kg	3	4000	12,000
Insecticide				
Caprid	litre	3	7400	22,200
Caratrax	litre	2	3350	6,700
Selecron	250 ml	2	2300	4,600
Newmectin	litre	1	19500	19,500
Karate	500 ml	2	8300	16,600
Fungicide				
Ridomil Gold	500 g	2	2800	5,600
Sulcox	500 g	2	1700	3,400
Zampro	litre	1	15000	15,000
Herbicide:				
Paraquat	litre	4	1550	6,200
SUBTOTAL				435,600
Other Costs				
Transportation (10 percent of materia		43,560		
**Tools including Irrigation Equipment		72,000		
Land Charges per crop cycle		8,000		
Supervision (15 percent of labour and	material)			111,165

234,725

975,825

Supervision (15 percent of labour and material) SUBTOTAL TOTAL OPERATING EXPENDITURE PER CROP CYCLE

Parish	St. Thomas			
Crop	CARROT			
Crop Maturity	4 Months	•		
Reaping Period	1 Month			
Planting Distance (I x w)	Broadcast			
Estimated Plant Population	-			
Topography	Hillside Farm			
Land Preparation	Manual			
Irrigation Method	Rainfed			
Area	0.4 hectare			
Man-day Charge (excluding lunch)	\$2,500			
Projected Marketable Yield (Kg)	6,478			
Cost of Production \$/Kg	\$34			
T/ 10				
Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	2500	5,000
Land Cleaning	MD	8	2500	20,000
Forking	MD	10	2500	25,000
Planting	MD	2	2500	5,000
Pesticide Application	MD	2	2500	5,000
Weed Control	MD	6	2500	15,000
Fertiliser Application	MD	1	2500	2,500
Harvesting	MD	10	2500	25,000
Lunch		41	500	20,500
SUBTOTAL				123,000
Material Inputs				•
Planting Material	300g pack	5	2700	13,500
Fertiliser:				
NPK 15-5-35	50 kg	2	11750	23,500
Insecticide:				
Caratrax	250 ml	2	1950	3,900
Herbicide:				
Glyphosate	litre	1	1500	1,500
Fusilade	250 ml	2	2500	5,000
Carzone	250 g	1	2100	2,100
SUBTOTAL				49,500
Other Costs				
Transportation (10 percent of material)				4,950
**Tools discounted for 5 years				12,000
Land Charges per crop cycle				2,000
Supervision (15 percent of labour and material)				25,875
SUBTOTAL				44,825
TOTAL OPERATING EXPENDITURE PER CROP CYCLE				217,325

Parish	St. Thomas
Crop	DASHEEN
Crop Maturity	7 Months
Reaping Period	2 Months
Estimated Plant Population	10890
Topography	Relatively Flat La
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$2 <i>,</i> 500
Projected Marketable Yield (Kg)	6,478
Cost of Production \$/Kg	\$69

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	2500	5,000
Land Cleaning	MD	8	2500	20,000
Dig Holes	MD	12	2500	30,000
Prepare Planting Material	MD	2	2500	5,000
Planting	MD	8	2500	20,000
Pesticide Application	MD	8	2500	20,000
Weed Control	MD	6	2500	15,000
Fertiliser Application	MD	2	2500	5,000
Harvesting	MD	16	2500	40,000
Lunch		64	500	32,000
SUBTOTAL				192,000
Material Inputs		<u> </u>	ļ	
Planting Material	sucker	11000	10	110,000
Fertiliser:				
NPK 14-28-14	50 kg	3	13650	40,950
Insecticide:				
Caratrax	litre	1	3350	3,350
Malathion	litre	1	2212	2,212
Herbicide:				
Glyphosate	litre	2	1500	3,000
Paraquat	litre	6	1550	9,300
SUBTOTAL				168,812
Other Costs		I I I	I	/ -
Transportation (10 percent of mate	erial)			16,881
**Tools discounted for 5 years				12,000
Land Charges per crop cycle				4,600
Supervsion (15 percent of labour and material)				54,122
SUBTOTAL		87,603		
TOTAL OPERATING EXPENDITURE P			448,415	

Parish	Trelawny
Crop	GINGER
Crop Maturity	9 Months
Reaping Period	2 Months
Estimated Plant Population	77786
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	6,984
Cost of Production \$/Kg	\$163

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	3000	6,000
Land Cleaning	MD	6	3000	18,000
Forking	MD	20	3000	60,000
Excavating Trenches	MD	10	3000	30,000
Heading ginger	MD	1	3000	3,000
Planting	MD	15	3000	45,000
Fertiliser Application	MD	2	3000	6,000
Weed Control	MD	20	3000	60,000
Harvesting	MD	30	3000	90,000
Lunch		106	500	53,000
SUBTOTAL				371,000
Material Inputs				
Planting Material	lb	2500	200	500,000
Fertiliser				
NPK 11-22-22	50 kg	5	11300	56,500
Herbicide:				
Glyphosate	litre	2	1400	2,800
SUBTOTAL				559,300
Other Costs				
Transportation (10 percent of	material)			55,930
**Tools discounted for 5 years		12,000		
Land Charges per crop cycle		3,750		
Supervision (15 percent of labo		139,545		
SUBTOTAL		211,225		
TOTAL OPERATING EXPENDITU	TOTAL OPERATING EXPENDITURE PER CROP CYCLE			

Parish	Trelawny
Crop	SWEET YAM
Crop Maturity	9 Months
Reaping Period	8 Months
Estimated Plant Population	1200
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	6,073
Cost of Production \$/Kg	\$239

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	3000	6,000
Land Cleaning	MD	6	3000	18,000
Dig Holes	each	1200	40	48,000
Excavating Trenches	MD	6	3000	18,000
Preparing Planting Material	MD	2	3000	6,000
Head & drop plant	MD	2	3000	6,000
Planting	MD	3	3000	9,000
Transport stakes	each	1200	25	30,000
Stake & Tie	each	1200	25	30,000
Pesticide Application	MD	24	3000	72,000
Weed Control (Chemical)	MD	2	3000	6,000
Weed Control (Manual)	each	1200	20	24,000
Fertiliser Application	MD	2	3000	6,000
Harvesting	MD	15	3000	45,000
Lunch		64	500	32,000
SUBTOTAL				356,000
Material Inputs				
Planting Material	heads/lbs	4800	125	600,000
Stakes (including transportation to fie	ldeach	1200	100	120,000
Fertiliser:				
NPK 14-28-14	50 kg	4	12000	48,000
Fungicide				
Topsin	250 g	6	1650	9,900
Silvacur	250 ml	9	3500	31,500
Herbicide:				
Paraquat	Gallon	1	4250	4,250
SUBTOTAL				813,650
Other Costs				
Transportation (10 percent of materia	l)			81,365
**Tools discounted for 5 years		12,000		
Land Charges per crop cycle				11,360
Supervision (15 percent of labour and material)				175,448
SUBTOTAL		280,173		
TOTAL OPERATING EXPENDITURE PER	TOTAL OPERATING EXPENDITURE PER CROP CYCLE			

Parish	Trelawny
Crop	IRISH POTATO
Crop Maturity	3 Months
Reaping Period	1 Month
Estimated Plant Population	43560
Topography	Relatively Flat
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	6,073
Cost of Production \$/Kg	\$124

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	3000	6,000
Land Cleaning	MD	6	3000	18,000
Forking	MD	20	3000	60,000
Drilling	MD	15	3000	45,000
Excavating Trenches	MD	6	3000	18,000
Heading seeds	MD	1	3000	3,000
Planting	MD	8	3000	24,000
Weeding & Moulding	MD	20	3000	60,000
Pesticide Application	MD	12	3000	36,000
Fertiliser Application	MD	3	3000	9,000
Harvesting	MD	15	3000	45,000
Lunch		108	500	54,000
SUBTOTAL				378,000
Material Inputs	-			
Planting Material	22.7Kg	18	5500	99,000
Fertiliser:				
NPK 14-28-14	50 kg	9	12000	108,000
Insecticide				
Caratrax	litre	2	3320	6,640
Caprid	litre	1	7200	7,200
Fungicide				
Dithane	500 g	10	920	9,200
Ridomil Gold	500 g	3	3200	9,600
Herbicide:				
Glyphosate	litre	2	1400	2,800
SUBTOTAL				242,440
Other Costs				
Transportation (10 percent of mate		24,244		
**Tools discounted for 5 years		12,000		
Land Charges per crop cycle		2,664		
Supervision (15 percent of labour a		93,066		
SUBTOTAL		131,974		
TOTAL OPERATING EXPENDITURE P		752,414		

Parish	Trelawny
Crop	SWEET POTAT
Crop Maturity	5 Months
Reaping Period	2 Month
Estimated Plant Population	11616
Topography	Relatively Flat
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	7,085
Cost of Production \$/Kg	\$57

Labour Operations	Unit	No. of Units	Cost/Uni	t	Total Cost
Land Clearing	MD	2	3000)	6,000
Land Cleaning	MD	6	3000)	18,000
Forking	MD	20	3000)	60,000
Preparing Planting Material	MD	2	3000)	6,000
Planting	MD	6	3000)	18,000
Pesticide Application	MD	4	3000)	12,000
Weed Control	MD	10	3000)	30,000
Fertiliser Application	MD	2	3000)	6,000
Harvesting	MD	15	3000)	45,000
Lunch		67	500)	33,500
SUBTOTAL					234,500
Material Inputs					
Planting Material	slips	15000		2	30,000
Fertiliser:					
NPK 16-9-18	50 kg	4	12000)	48,000
Insecticide:					
Karate	250 ml	4	1750)	7,000
Herbicide:					
Gai-Quat	gallon	1	5000)	5,000
Glysophate	litre	2	1400)	2,800
SUBTOTAL					92,800
Other Costs					
Transportation (10 percent of material)				9,280
**Tools discounted for 5 years			12,000		
Land Charges per crop cycle			4,000		
Supervision (15 percent of labour and material)					49,095
SUBTOTAL			74,375		
TOTAL OPERATING EXPENDITURE PER			401,675		

Parish	Trelawny
Crop	YELLOW YAM
Crop Maturity	9 Months
Reaping Period	4 Months
Number of Hills	1600
Topography	Relatively Flat
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	7,389
Cost of Production \$/Kg	\$150

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	3000	6,000
Land Cleaning	MD	6	3000	18,000
Dig Holes	each	1600	40	64,000
Excavating Trenches	MD	6	3000	18,000
Prepare Planting Material	MD	2	3000	6,000
Head & drop plants	MD	2	3000	6,000
Planting	MD	3	3000	9,000
Transport stakes	each	1600	25	40,000
Stake & Tie	each	1600	25	40,000
Weed Control (Chemical)	MD	2	3000	6,000
Weed Control (Manual)	each	1600	20	32,000
Fertiliser Application	MD	2	3000	6,000
Harvesting	MD	25	3000	75,000
Lunch		50	500	25,000
SUBTOTAL				351,000
Material Inputs				
Planting Material	head (lbs)	5120	50	256,000
Stakes	each	1600	100	160,000
Fertiliser:				
NPK 14-28-14	50 kg	6	12000	72,000
NPK 15-5-35	50 kg	4	12350	49,400
Herbicide				
Glyphosate	litre	2	1400	2,800
Paraquat	litre	2	1300	2,600
SUBTOTAL				542,800
Other Costs				
Transportation (10 percent of materia		54,280		
**Tools discounted for 5 years		12,000		
Land Charges per crop cycle		10,800		
Supervision (15 percent of labour and		134,070		
SUBTOTAL		211,150		
TOTAL OPERATING EXPENDITURE PER		1,104,950		

Parish	Trelawny
Crop	PLANTAIN
Crop Maturity	9 Months
Reaping Period	1 Year
Estimated Plant Population	1210
Topography	Relatively Flat
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	8,097
Cost of Production \$/Kg	\$79

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	3000	6,000
Land Cleaning	MD	6	3000	18,000
Line & peg	MD	2	3000	6,000
Prepare & treat planting material	MD	4	3000	12,000
Head & Drop Plants	MD	2	3000	6,000
Dig holes	each	778	35	27,230
Planting	MD	6	3000	18,000
Pesticide Application	MD	12	3000	36,000
Weed Control	MD	16	3000	48,000
Pruning	MD	24	3000	72,000
Fertiliser Application	MD	6	3000	18,000
Harvesting	MD	18	3000	54,000
Lunch		98	500	49,000
SUBTOTAL				370,230
Material Inputs		-		
Planting Material	Suckers	778	50	38,900
Stakes	each	778	10	7,780
Cord	rolls	7	380	2,660
Fertiliser:				
NPK 15-5-35	50 kg	4	12350	49,400
Urea	50 kg	2	12500	25,000
Insecticide:				
Мосар	500 g	5	1200	6,000
Actara	13 g	9	1200	10,800
Fungicide				
Topsin	500 g	2	2800	5,600
Herbicide:				
Glyphosate	litre	6	1400	8,400
SUBTOTAL				154,540
Other Costs				
Transportation (10 percent of materia		15,454		
**Tools including Irrigation Equipment		12,000		
Land Charges per crop cycle		7,360		
Supervsion (15 percent of labour and r		78,716		
SUBTOTAL		113,530		
TOTAL OPERATING EXPENDITURE PER		638,300		

Parish	Westmorelar
Crop	DASHEEN
Crop Maturity	9 Months
Reaping Period	4 Months
Estimated Plant Population	10890
Topography	Relatively Fla
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	8,097
Cost of Production \$/Kg	\$94

Labour Operations	Unit	No. of Units	Cost/Unit	·	Total Cost
Land Clearing	MD	2	3000		6,000
Land Cleaning	MD	8	3000		24,000
Dig Holes	MD	15	3000		45,000
Planting	MD	4	3000		12,000
Weed Control	MD	15	3000		45,000
Pesticide Application	MD	4	3000		12,000
Fertiliser Application	MD	2	3000		6,000
Harvesting	MD	20	3000		60,000
Lunch		70	500		35,000
SUBTOTAL					245,000
Material Inputs					
Planting Material	sucker	11000	25		275,000
Fertiliser:					
NPK 14-28-14	50 kg	4	13000		52,000
Ammonium Sulphate	50 kg	3	8450		25,350
Insecticide:					
Engeo	250 ml	4	3500		14,000
Herbicide:					
Paraquat	litre	3	1500		4,500
Glyphosate	litre	1	1400		1,400
SUBTOTAL					372,250
Other Costs					
Transportation (10 percent of materia				37,225	
**Tools discounted for 5 years				12,000	
Land Charges per crop cycle				4,600	
Supervsion (15 percent of labour and				92,588	
SUBTOTAL				146,413	
TOTAL OPERATING EXPENDITURE PER				763,663	

Parish	Westmorelar
Crop	PINEAPPLE
Crop Maturity	12 Months
Reaping Period	36 Months
Estimated Plant Population	5445
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	8,097
Cost of Production \$/Kg	\$95

Labour Operations	Unit	No. of Units	Cost/Unit	Total Cost
Land Clearing	MD	2	3000	6,000
Land Cleaning	MD	8	3000	24,000
Furrowing	Job/acre	1	100000	100,000
Maintaining Trenches	MD	2	3000	6,000
Planting	MD	10	3000	30,000
Weed Control	MD	12	3000	36,000
Pesticide Application	MD	4	3000	12,000
Fertiliser Application	MD	4	3000	12,000
Harvesting	MD	30	3000	90,000
Lunch		72	500	36,000
SUBTOTAL				352,000
Material Inputs	·	• •	•	
Planting Material	Suckers	5500	30	165,000
Fertiliser:				
NPK 16-9-18	50 kg	6	10350	62,100
Insecticide				
Мосар	500 g	6	1200	7,200
Caprid	litre	2	7200	14,400
Herbicide:				
Diuron	litre	6	2500	15,000
Glyphosate	litre	1	1400	1,400
SUBTOTAL				265,100
Other Costs				
Transportation (10 percent of mat	erial)			26,510
**Tools discounted for 5 years				12,000
Land Charges per crop cycle				20,000
Supervision (15 percent of labour a	and material)			92,565
SUBTOTAL				151,075
TOTAL OPERATING EXPENDITURE	PER CROP CYCLE			768,175

Parish	WESTMOREL		
Crop	IRISH POTATO		
Crop Maturity	3 Months		
Reaping Period	2 Week		
Estimated Plant Population	21780		
Topography	Relatively Flat Land Farm		
Land Preparation	Manual		
Irrigation Method	Rainfed		
Area	0.4 hectare		
Man-day Charge (excluding lunch)	\$3,000		
Projected Marketable Yield (Kg)	5 <i>,</i> 870		
Cost of Production \$/Kg	\$124		

Labour Operations	Unit	No. of Units	s Cost/Unit		Total Cost
Land Clearing	MD	2	3000		6,000
Land Cleaning	MD	8	3000		24,000
Forking	Job	1	45000		45,000
Furrowing	Job	1	30000		30,000
Preparing Planting Material	MD	2	3000		6,000
Planting	MD	8	3000		24,000
Weeding & Moulding	MD	20	3000		60,000
Pesticide Application	MD	10	3000		30,000
Fertiliser Application	MD	3	3000		9,000
Harvesting	MD	15	3000		45,000
Lunch		68	500		34,000
SUBTOTAL					313,000
Material Inputs					
Planting Material	22.7Kg	20	6500		130,000
Fertiliser:					
NPK 11-22-22	50 kg	5	12000		60,000
NPK 14-28-14	50 kg	5	13000		65,000
Insecticide					
Caratrax	500 ml	2	4450		8,900
Diazinon	250 ml	4	1000		4,000
Fungicide					
Dithane	500 g	6	920		5,520
Dacomax	500 ml	4	1600		6,400
Herbicide:					
Glyphosate	litre	2	1400		2,800
SUBTOTAL					282,620
Other Costs					
Transportation (10 percent of material	28,262				
**Tools discounted for 5 years					12,000
Land Charges per crop cycle	3,330				
Supervision (15 percent of labour and r	89,343				
SUBTOTAL	132,935				
TOTAL OPERATING EXPENDITURE PER CROP CYCLE					728,555

Parish	Westmorelar
Crop	SWEET POTA
Crop Maturity	3 Months
Reaping Period	3 Months
Estimated Plant Population	21780
Topography	Hillside Farm
Land Preparation	Manual
Irrigation Method	Rainfed
Area	0.4 hectare
Man-day Charge (excluding lunch)	\$3,000
Projected Marketable Yield (Kg)	6,883
Cost of Production \$/Kg	\$60

Labour Operations	Unit	No. of Units	Cost/Unit		Total Cost
Land Clearing	MD	2	3000		6,000
Land Cleaning	MD	8	3000		24,000
Forking	MD	18	3000		54,000
Maintain Trenches	MD	2	3000		6,000
Preparing Planting Material	MD	2	3000		6,000
Planting	MD	9	3000		27,000
Pesticide Application	MD	4	3000		12,000
Weed Control	MD	8	3000		24,000
Fertiliser Application	MD	2	3000		6,000
Harvesting	MD	16	3000		48,000
Lunch		71	500		35,500
SUBTOTAL					248,500
Material Inputs					
Planting Material	Truckload	1	15000		15,000
Fertiliser:					
NPK 11-22-22	50 kg	4	12000		48,000
Insecticide					
Caprid	litre	1	7200		7,200
Caratrax	500 ml	2	4450		8,900
Herbicide:					
Gai-Quat	litre	1	1260		1,260
Fusilade	litre	1	7950		7,950
SUBTOTAL					88,310
Other Costs					
Transportation (10 percent of materi				8,831	
**Tools discounted for 5 years				12,000	
Land Charges per crop cycle	1,998				
Supervision (15 percent of labour and	50,522				
SUBTOTAL	73,351				
TOTAL OPERATING EXPENDITURE PE		410,161			